# **Wessels Application Development**

version 2012-5



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THE Planning and Customer Relations Management System for Indoor Ski and Snowboard Centres

# **1 BASIC INFORMATION**

**SKI** fully supports the commercial activities (planning, reservations, customer relations) of the indoor ski slope centre.

SKI contains the following components:

- lesson planning overview per day, week, month (for 1, 2 or 3 tracks)
- reservations (single hour or recurrence)
- year schedule of holidays, closed hours, private lessons, snowboarding and special offerhours
- customer relations management (mailing via MS Word, email, selection filters)
- billing
- summary invoices
- overview numbers of lessons per week, month, quarter (management reporting)
- general settings (number of tracks, color settings, scale, invoice layout, etc.)
- master data (reservations types, invoice/relations/groups descriptions etc.)
- backup / Restore functionality (also check last backup-functionality)

# **2 NAVIGATING**

Use the **mouse** for navigating and controlling the application. However, each mouse-action has an equivalent on the keyboard. The most important **key-combinations** are:

- combination of the Alt-key plus the underlined character
- Tab-key to jump to the next field or button
- Shift-Tab to return to a previous field
- Enter to submit a choice, some cases use enter to jump to next field
- **cursor keys** (arrows) to scroll through a list
- Alt-arrow down to open a selection menu

The **Enter**-key is equivalent to **doubleclicking** the **left mousebutton**. For a complete list of keyboard shortcuts *Appendix* C.

## 2.1 Confirming, cancelling actions

On almost every input screen you will find the buttons **N**ew, Delete, **O**K, **C**ancel.

Srowse	Сору	New	Delete	<u>Print</u>	<u> </u>	<u>C</u> ancel	<u>C</u> lose
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H 4 4 F F F F 8 🛷 🛠

Сору

[Copy] is used for copying a customer card, for example to enter a new family member.

<u>N</u>ew

[New] to add a new item

Delete

[Delete] to delete an item

**[OK]** to store changes

<u>C</u>ancel

[Cancel] to cancel current actions

#### Note!

The buttons **[OK]** and **[Cancel]** are greyed out (inactive) as long as no changed are made. When data is being changed or added, these buttons become black (active).

📥 Edit	Сору	New	Delete	Print 🔻	<u> </u>	<u>C</u> ancel	<u>C</u> lose

# 2.2 System Mode

The current status or mode of the system can be checked on the value in the field left to the button **[Copy].** 



# **3 THE MAIN SCREEN**

**SKI** opens with the following screen:

<b>9</b> s	SKI 2012 - Skicentre & Customer Informationsystem												
File	Edit	Window	View	Help									
1	Ŷ				<u>P</u> lanner	<u>C</u> ustomers	•	<u>Invoices</u>	•				

#### [Planner]

Module **Planner** gives an overview of all planned lessons and hours available. New reservations can be made using this screen.

#### [Customers]

Module **Customers** provides options for search, add, view and modify customer data.



#### [Invoices]

Module **Invoices** provides access to invoices per customer or through various filtering options. New invoices are generated from this screen.



The **File dropdown** also provides access to the 3 main modules plus access to general settings, user preferences, master data maintenance, the Teacher module, Agenda (year) planning options etc.

When starting SKI the following message may appear:



This message is subject to a user preference. Go to **File --> General Settings** tab **Database.** Here you will find the option **Check**. See *Chapter 9 General Settings* for further information on this feature.

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# **4 PLANNING LESSONS**

# 4.1 The planning screen

SKI	2012 - Skice	entre & Custo	mer Informati	onsystem - [	Lessonplann	ing]									
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31	V Ha Lat	280	Planner	<u>C</u> ustomers	▲ TuAoic	es 🔻									
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	ver <u>v</u> iew 🔻 30-10-2012		Bel	fresh									Zoom Norma Zoom Zoom	al Scale current all Horiz	cal 32 🗘 🗌 contal 79 🗘
<	Tue 3	0-10-2012	Wed 31	-10-2012	Thu 01	-11-2012	Fri 02	11-2012	Sat 03	11-2012	Sun 04	-11-2012	Mon 05	-11-2012	Tue 06-11-2012
0.00	Track1	Track2	Track1	Track2	Track1	Track2	Track1	Track2	Track1	Track2	Track1	Track2	Track1	Track2	Track1 [
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The planner gives a quick overview of free, blocked, cancelled, full, ski and snowboard hours; each type of hour has its own unique color. The colors can be adjusted according to the users preferences, go to **File --> General Settings** tab Planner.

Double click the mouse on a booked or empty hour to make a reservation.

urrent 26-04-2012 10:00 🔿 Skilesson 🔿 Snowboard St	: 26-04-2012 10:00 End 11:00	L A S 1
--	------------------------------	---------

On the bar below the planning screen, detailed information is displayed on the hour where the focus is on. The current date and time, type of lesson (ski or snowboard), start and end of the lesson and the occupation of the lesson grouped by level.

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The field **Date** provides for a quick switch to another day / week. In the title bar above the planning grid you find date and tracknumber. With the blue left and right arrows in the title bar you can jump forward or backwards. How many days forth or back depends on setting **'Number of days visible'**. Go to File  $\rightarrow$  General Settings  $\rightarrow$  tab lesson planning for adjusting this setting.

Less	on planner				
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	wo 25-0	04-2012	dp-26.04.2012		04-2012
< _	Track1	Track2	Track 🤑 10:00 - 11:00	Track1	Track2
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30					
10 <sup>0</sup>			1 S1		
3			WESSELS		
11°					
3					
12°					
3					
120					

Move the mouse over a planned lesson for detailed information. Double-clicking on an hour to make a reservation. See 4.3 for more details on making reservations.

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Zoom	Scale	
<ul> <li>Normal</li> <li>Zoom current</li> </ul>	Vertical	23 🤤 🗌
⊙Zoom all	horizontal	58 🛟

In the upper right corner of the screen you will find a number of options for personalizing the planning screen. Use the option **Scale** for adjusting the format / number of lessons blocks in order to fill the planning frame in the most optimal way.

The option **Zoom** enlarges the lesson blocks for better overview of the bookings, use **Zoom all** enlarge all blocks, use **Zoom current** for zooming in on the current active lesson block.

## 4.2 Generating lessons overview

Click on the arrow button next to button **Overview** for generating overviews in various formats.

The options in this menu are determined by the preference setting "Use Templates", see File --> General Settings --> tab General. If you choose to use only the default templates of SKI, then the options using Word will be missing in this menu.

Lesson planne <del>r</del>	
	]
Print day-view lessons Track 1	
Print day-view lessons Track 2	
Print week	
Preview day-view lessons track 1	1
Preview day-view lessons track 2	
HTML Daily-report track	T
Day view track 1 (template via Word)	
Day view track 2 (template via Word)	Ⅎ

#### Print day overview lessons track 1 / 2

Prints an overview of all lessons on a day per track, standard layout

#### Print week overview lessons

Prints an overview of all lessons per week, standard layout

#### Preview lessons track 1 / 2 per day

Displays an overview on screen - all lessons per day per track

#### **HTML Daily report track**

Day overview in HTML output, used for displaying lessons information on screen along the tracks

#### Day View track 1/2 (template via Word)

Day overview in customized layout (using Word template) per track

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# 4.3 Making new reservation

Doubleclick on the required hour in the lesson planner, the screen **Book Lesson** will open. Enter the name of the customer. The hits are displayed in subscreen **Customers**. Navigate with the arrow to the right customer. If the customer is not found then click button **New** to add the new customer. Enter the customer information and click button **[OK]** to confirm the entry and return to the list. Select the newly added customer.

🗐 SKI 2	012 - Skicentre & Custo	omer Informationsystem	- [Lessonplanning]												2	. 8 >
😨 Ele	Edit Window View Help															
<b>3</b>	B. C2 880	Planner <u>C</u> ustome	rs <b>-</b> Invoices -													
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44																

Book lesso	n												
Bookings	(	04-12-2012	2 10:00 - 11:00	)					Ť	rack1			
CH Repeat p	pattern 🤇	🎯 Print 🛛 🔂 I	F2-Book customer			h F3Ba							
Customer	WESSELS		Teacher										
Date lesson	04-12-2012 10:00	0	<u>•</u> to 04-12-	2012 11:00									
Tupe lesson	Priv	vate lessons	Closed	Event		Group							
<ul> <li>Skilesson</li> </ul>		No	⊙ No	💿 No		No     No     No	,						
🔿 Snowboard	d lesson 🛛 🔿	Yes	O Yes	O Yes		O Ye	s						
-													
Delete	Change	<u>o</u> k	Cancel Cl	ose									
Cust.no. Name		Te	elephone	Age	Level	Туре	€/\$/£	#Lesson	Completed	Not paid	Туре	Note	
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						_		_					
						-							
							<u></u>	-					
													_
													 X

Click **[OK]** to make the reservation complete.

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🗐 Book lesson									
Bookings	04-12-2012 10:00	) - 11:00				Tra	ick1		
○ Repeat pattern	🎯 Print 🛛 🔁 F2-Book ci	ustomer	1						1
Customer Date lesson 04-12-2012		eacher 04-12-2012 11:00							
Type lesson ⊙ Skilesson ○ Snowboard lesson	Private lessons 0	Closed Ev No © Yes ©	vent ) No ) Yes	Group ⊙ No ○ Yes					
Delete Change	<u>QK</u> Cance		je Level	Type €/:	i∕£ ↓#Lesson	Completed No	t paid Type	Note	
9333 PAUL WESSELS	023-551191	49	S	0	330	208 17			
									×

The customer is now added to the list of customers booked on this particular lesson. By double clicking on the customer in this list, the customer card is opened.

The following columns are visible in the list: Name, Phone, Age, Level, Type, EUR, #Lesson, Completed, Not paid, Type (Ski or Snowboard) and Note.

#### Important!

Column **EUR** provides information on invoices and customer payments.

Red sum	=	OPEN invoice amount (not paid)
0	=	an invoice is present and paid
Blank	=	no invoice present

Adjust the type of lesson by using the following options:

Type lesson	Ski or snowboard lessons
<ol> <li>Skilesson</li> </ol>	
🚫 Snowboard lesson	

Private lessons	Private lesson
💿 No	
○ Yes	

Closed	
💿 No	
O Yes	

Close lesson after this booking

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Event	
💿 No	Lesson pre-reserved for special event
🔿 Yes	

Closed	Event
🚫 No	💿 No
💽 Yes	🔿 Yes
Reason	

For options lesson **Closed** or lesson **Event** add a reason / description.

Group	
⊙ No	Prereservations for groups
🔿 Yes	

#### F2-Book customer

PAUL WESSELS

Using key **[F2]**, the selected customer is kept in memory. This option can be used to book the customer quickly at random hours in the lesson planner.

#### F3 Book Group

Group	
💿 No	
🔿 Yes	

By pressing the [F3], the group selected from the list is kept in memory (feature not yet available!).

## 4.4 Multiple reservations using pattern

With button [**Repeat pattern**] in the screen **Book lesson**, multiple bookings can be made in one action, according to the defined pattern.

🗐 Book lesson		
Bookings	04-12-2012 10:00 - 11:00	
🖼 Repeat pattern	🟈 Print 🛛 🔓 F2-Book customer 📃 👘 F3-Book group	

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Enter the number of lessons (which includes current hour), the required repeating pattern and press the button [**Search**]. The possible hours are displayed on screen, verify if the suggested hours are suitable for this customer. Remove the mark in field **Choose** to remove a suggested hour from the booking list.

If visually checked, click **[OK]**. The hours with mark **Choose = ON** are booked for this customer. Tip: If one hour is full or closed, increase the number of lessons in order to let the system select more options.

😰 Book lessons - repeat pattern	
Book multiple lessons PAUL WESSELS	
Separate Sector	
Customer PAUL WESSELS   Stat date lesson 0412-2012 10:00   Image: Stat date lessons Image: Stat date lessons   Number of lessons Image: Stat date lessons   Image: Stat date lessons <td< th=""><th></th></td<>	
Found data       Choose     Date     Number     L     A     S     Status     Track	



Confirm the question by clicking on [YES]. The number of booked lessons is shown in a message. Please note, this is the total of booked lessons minus the current hour.



# **5 CUSTOMERS**

Choose button **Customers** on the main screen or via the File menu  $\rightarrow$  Customers opens the screen **Customer data**.

## 5.1 Search customer

There are several (combinations of) fields to search for the right customer: full name, customer number, zip code, address, city, telephone and email. Once started with typing values in one of the search fields, the hitlist is built up and refined by the characters typed. The result appears bottom left on screen, the customer at the top of this list is presented fully in the right part of the screen. The name of this customer is shown in the blue title bar.

SKI 2012 - Skicentre & Cust	tomer Informationsystem						
The For Wunnow New Help	Planner <u>C</u> ustomers	✓ Invoices ✓					
Custo	mers						
Custor	mer						
🞯 Overy	view 👻 🔁 New invoic	e 🏠 <u>N</u> ew customer 🚺	lose				
Search Name First nam Custome Zip code Address City Telsphor E-mail	Eiter         WESSELS           we	Vork	Customer no. Fix thame Address Zip code Telephone Mobile Lessons Lessons Start less	Z4493     City     City     Vacant     Invoices     Accident     All     O Vacant     Co	Changed	Level OLAS Type Date of bith Age ier Snowboarder	Open sed I A
							30-10-2012 15:56

# 5.2 Edit/view customer

Put the focus on the requested customer in screen **Customer** and press **[ENTER]**. The screen **Edit customer** opens. All customer data can be viewed and updated in this screen.

Tabs *Lessons, invoices, Accident, Notes, Progress, Relation Type* are also accessable directly from the previous screen **Customer** (middle right screen). Click on the tab, press [Enter] of doubleclick on an item in the presented list and the corresponding data will be presented.

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e Edit <u>W</u> indow <u>Vi</u> ew <u>H</u> elp	Customers y Invoices y		
Customers Customer Search Customer Search Customer	VESSELS ትን New invoice ትን <u>N</u> ew customerOose		×
First name     Custome       Zip code     Custome       Zip code     Custome       City     First name       City     First name       City     First name       Custome     City       Telephone     City       Telephone     City       Custome     City       First name     PA       Address     Uity       E-mail     ma       Date of birth     City       1418     Son       2048     Son       974     Son       1211     Son       1212     Custome       224     Son       1211     Son       224     Son       244     Lessons       2511.2012 0       2415     25415	9333     ESSELS     Insertion       UL     Insertion       ULANLAAN 297     ISSN       ISSN     City     HAARLEM       35511311     Work     06.51495233       51495233     Isso     Isso       35511311     Work     06.51495233       IdSwadwebnil     Isso     Isso       07.1963     Age     43       Vacant Completed     Number 17       1030     6     0       930     10.30     6       930     10.30     6       930     10.30     6       930     10.30     6	Ski Number of lessons Total lessons Total lessons Ski Number of lessons Ski Level L A S Vacant  Type/level Skier Snowboarder Company School Maling No Yes Noice Feature/denote Feature/denote Feature/denote Concel	

## 5.3 Add new customer

Click on button New customer in screen Customer. The screen Edit customer opens.

Depending on the setting in File  $\rightarrow$  General Settings  $\rightarrow$  tab General displays the customer information in upper- and / or lowercase.

The left side of the screen contains general information on the customer (name, address etc). The right part of the screen involves data related to type of customer, level, the type of relationship etc.

Customer		
Customer no.	. 9333	
Surname	WESSELS Insertion	
First name	PAUL	
Address	JULIANALAAN 297	
Zip code	2015 BN City HAARLEM	
Telephone	023-5511911 Work 06-51495293	
Mobile		
E-mail	mail@wadweb.nl	
Date of birth	05-07-1963 V Age 48	

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Ski		
Number of lea	ssons	Total lessons 2
Level	<mark>○ L ○ A ⊙</mark> S	Vacant
Type/level		Skier 🗌 Snowboarder

#### **Experience levels**

Default there are three levels at which the customer can be classified in terms of experience: L,earning Allround, Sportive. The field Type / level gives you the possibility to add your own code or level indicator to specify the experience of the customer.

#### Advanced experience registration

If there is a need for a more extensive form of experience registration, then switch on the module Progress. See for more information subheading **Tab Progress**.

#### Ski or Snowboard

One can indicate whether the customer is following ski lessons or snowboard lessons. Also useful information for making selections.

Ski			
Number of les	sons	Total lesso	ons 2
Level	<mark>○ L ○ A ⊙</mark> S	Vacant	
Type/level		🔽 Skier	Snowboarder

The field **Total Lessons** shows the total number of lessons that the customer has booked/attended.

#### Company, school, mailing

Specify whether the customer is part of a **school** or **company** and whether this customer has agreed to receive **(e-)mailing**.

Company	School	Mailing
💿 No 🔿 Yes	💿 No 🔿 Yes	🔘 No 💽 Yes

#### Notice

Use field **Notice** for important notes that require to be seen immediately by opening the customer. To build up a history of notes (information you want to keep in your database but no need to show this information each time you open up the customer) use the tab **Notes**. In this tab notes are ordered by date and by topic.

otice		

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#### Feature

To divide your customers into groups, enter a remark here or choose a prefixed group from the list. This option may come in handy by making selections for mailings.



#### **Printing lesson card**

Click **[Print]** or click on the arrow down for various options to print the customer information.



#### **Tab Lessons**

In this tab, an overview of the lessons of this customer. Filtering possible on show **All, Vacant** and **Completed.** If only the lessons of the current season must be viewed through these filters, go to File --> General Settings--> General and fill in the date from-till **current season**.

Lessons Invoices Accident Notes Progress Relation type											
Lessons 💿 All 🔘 Vacant	Lessons  All  Vacant  Completed Number 2										
Start lesson	to	Number P	rivate	Snowboard	L	А	S	Event	Closed	Teacher	
26-01-2011 10:30	11:30	1					1				
13-04-2012 09:00	10:00	1					1			Jong, de	

Doubleclick or press [enter] on a lesson to open the screen **View booked lessons**. In this screen you can search for lessons or remove lessons. It is not possible to book new lessons, this is only possible through the planning screen.

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Customer									
View booked le	ssons	We	essels						
🎯 <u>P</u> rint 🔻									
Customer Wessels Start date			<u></u>	Lessons <ul> <li>All</li> <li>Vacant</li> <li>Complete</li> </ul>	ł				
Delete Sea	rch	<u>Ω</u> K						Lateral and	
Start lesson	to	Number F	Private Snowl	ooard L A	S	Event	Closed	Teacher	
26-01-2011 10:30	11:30	3			_		-	long de	 - 4
									>

#### **Tab Invoices**

This tab provides an overview on invoices for this customer. Records presented in **red** indicate invoices not yet (fully) paid.

1	uning Assistant	N-t	Detailer here						
Lessons	Accident	Notes	Progress Relation type						
Bookdate	Invoice no.	Vacant	Description	Invoice amount	Net	VAT	Paid	Туре	Date paid
12-04-2012	20120412161610	0,00	Seizoens kaart (24 lessen)	425,00	400,94	24,06	425	SEIZ	12-04-2012
08-03-2012	20120308151508	225,00	test	425,00	425,00	0,00	200	SEIZ	08-03-2012
15-08-2007	20070815141426	0,00	seiz 07-08 JZ	425,00	400,94	24,06	425	SEIZ	08-09-2011
05-03-2007	20070305095621	0,00	combicursus 2007 Ph	149,00	140,57	8,43	149		26-03-2007
27-11-2006	20061127103324	0,00	sl8 11-12-2006 Ph	169,00	169,00	0,00	169		11-12-2006
03-09-2006	20060903152338	0,00	sl 8 11-9-06 nn	169,00	169,00	0,00	169	SL8	18-09-2006
26-08-2004	20040826115707	0,00	sl12 06-0-04 bj	193,50	182,55	12,17	193,5	SL12	01-11-2004
11-03-2002	2003111243	0,00	zomercursus 2002 ar	175,00	175,00	9,91	175	ZOMER	23-04-2002
17-12-2001	2012171118	0,00	04/01/02 sl12 gl	203,00	203,00	11,49	203	SL12	04-01-2002
09-09-2001	2009091201	0,00	sl12 01/10/01 ar	203,00	203,00	11,49	203	SL12	01-10-2001
40.00.0000	00000404044	0.00	1 00	470.00	4 70,000	05.05	470.00	0.40	+ 0 00 0000

By double-clicking or [enter] on an invoice line the invoice screen opens.

#### **Tab Accident**

If on the track an accident has occurred then you can enter this information via the tab **Accident.** A variety of casualty notes can be made. Press the button **[New]** to create a new accident.

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Customer		
Accident We	ssels	
Date	26-04-2012	Attention 🔿 No 💿 Ye
Teacher	Bas de Jong	Hospital 💿 No 🔘 Ye
Description	customer has fallen and hurt shoulder	Seriousness 🛛 🗘
Characteristics		Done 26-04-2012 🔽
Injury	Shoulder	
Doctor	Dr. John	
Notice teacher	Advice to see the Doctor	]
	Delete New DK Cancel	]
DateTead	sher Description Injury	Characteristics
* 26-04-2012 Bas	de Jong customer has fallen and hurt shoulder Shoulder	
		>

#### **Tab Notes**

Use tab **Notes** to store relevant customer information by date and by subject. The last entered note can be shown at the lesson planning / the Lesson, however this depends on the settings of the template.

Press the button [New] to create a new note to enter and confirm with [OK].

Custome		
Notes	Wessels	
Date	26-04-2012 Vigect Change date of lessons	
Memo	Paul wants to change the date of 2 lessons	
	Delete New DK Cancel	
Date	Subject Memo	
* 26-04-2012	Change date of lessons (Memo)	
<		>

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#### **Tab Progress**

If there is a need for a more extensive form of registration of experience of the customer, then switch on the module **Progress**.

Step1. Go to File --> General Settings --> tab General. Set **Progress module is active** YES.

Step2. Go to File --> Basic data --> tab **Progress Descriptions.** Enter your codes and descriptions.

Progress descriptions	
Search for	
Exp	
Omschrijving	VoortgangCode 🔥
Novice: first time	A
Expierence: 3 years in snow	В
Expierence: 2 years on indoor slope	B2
	E
	✓
Search in field	
	•
	✓ <u>O</u> K <u>C</u> ancel

#### **Tab Relation Type**

For registrating other relation types besides School and Company use tab **Relation Type**. Double-click in the list of relations or press [enter], the screen **Relation Type** opens. Press the button [Add] to add a new relationship, confirm with [OK].

Customer		
Relation ty	ре	
Relation type	SKI	
Description		
Date from	26-04-2012 💌	
<u></u>		
	Delete Add OK Cancel	
Relation type	Relationcode Description	
▶		
<		>

Enter new relation types in File  $\rightarrow$  Basic data  $\rightarrow$  tab Relation Types

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# **5.4 Select Customers**

Choose option Select Customers for making your selections from the customer database.

<b>9</b> s	KI 20	012 - Ski	centr	e & C	ustomer Inform	atior	nsystem			
File	Edit	Window	View	Help						
1	¥	E. C.			<u>P</u> lanner		<u>C</u> ustomers	•	Invoices	•
							Customers			
							Select custor	mers		
								_		
Fig. 54	а									

Select customers	
Select customers	
🎯 Overview 🔻 🖃 🔍 🧶	
Eustomer data	
Surname First name	Relation type
Address Customer no.	Relation type Code
Zip code City	Showboard SB
E-mail Website	
Telephone (private Telephone (work	
Mobile         Image: Control of the second sec	
Age from 0 To 99 Birthday from 🗸 To	
Gender Male Female Feature/denote	
Customer Skier Snowboarder	E-mail 💿 All 🔿 Yes 🔿 No
Date lesson from 🗸 To 🔽 💽 Yes 🔿 None	Company⊙ All ⊖ Yes ⊖ No
Number of lessons 0 to 999	School 💿 All 🔿 Yes 🔿 No
	Mailing 💿 All 🔿 Yes 🔿 No Relation type combination 🔿 AND 💿 DR
🔽 Only customers for mailing Order by Customer name 🔍 🗌 Address unique	
Select all Deselect all Filter Generate field	Search Append New Close
Id Sumame First name Insertion #	Address Zip code City Telephone Vork Customer No. Level Note

Fig. 54b

Selections can be made by filling one or more search fields (name, address, etc) or to click (gender, level etc). Use % as wildcard in the search (example: Johnson%). After entering the desired selection criteria press button **[Search]** (hotkey Alt-S). With button **[New]** (keyboard shortcut alt-N) all criteria are cleared and a new selection can be made.

Is the hitlist with customers short, the list appears on the screen below the search fields. If the list is long, it automatically pops the search part of the screen and the list shown in its full length.

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#### Search list open / collapse

Is the focus in the list to a customer (customer record is active), click on <Backspace> to return to the original search screen.

**7**1

..... Otherwise, click on the dotted line to switch between client list increased and the original search screen. By moving the cursor on the dotted line, hold and drag to the size of the two parts of the screen to your own preferences.

#### To customer data

By double clicking on a customer in the list go directly to customer data.

#### Only customers with email and / or mobile number

Enter a double wildcard (%%) in the fields email and / or mobile number in order to select only those customers with fields email address and / or mobile number filled.

#### Only customers for mailing

Use this option to check for customers that have agreed on receiving mailings (on the customer card field <u>Mailing = Yes</u>)

#### Unique address

If this option is checked each address is retrieved just once, even though there are several people at the same address in the database that meet the selection criteria. Only the fields name, address, zip code and city are retrieved. This option can be used to send ONE letter / message per address. Note: The customer card with this option checked <u>cannot be opened</u> from the list.

## 5.5 Exporting customer selection

The first field in the hitlist of customers is an on / off checkbox. Default is this checkbox set to ON after each new selection, this means that all customers are selected for further action. Use the [All (de) select] to customers (de-) selection. Use the space bar to (de) selected pre record.

Only customers with the checkbox ON will be included in subsequent actions, such as exporting to Excel or any other form of export.

Click the box next to the button [Overview], or right mouseclick choose option Overview.



The various output forms are shown.

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For the preparation of labels, envelopes or letters in Word there should <u>templates</u> be present in the correct folder. Depending on the configuration, this will be the same folder as where the Ski System application is stored, or the directory as set in File Locations templates / templates in MS Word.

The records selected by the system first are exported to a .txt file and placed in the subdirectory  $\setminus$  Mailing. The .txt file is merged with the appropriate template (. Dot file) attached.

#### Standard templates

SkiKlantEnvelopMerge.dot SkiKlantEtiketMerge.dot SkiKlantLijstMerge.dot SKIKlantBrief.dot SKIKlanten.dot

**Standard export files:** SKIKlantEtiket.txt SKIKlantLijst.txt

# **6 INVOICES**

## 6.1 Invoice understand / mutate

Open screen Invoices to create new invoices or view/modify payment information by customer.

<b>9</b> s	KI 20	)12 - Ski	centr	e & C	ustomer Inform	ationsystem			
File	Edit	Window	View	Help					
1	V	Ê. Ci			<u>P</u> lanner	<u>C</u> ustomers	•	<u>Invoices</u>	-
								Invoices All invoice:	s 🔽

Fig. 6a

First, select a customer through the selection window behind Customer field [...], screen **Customers** opens. Type in (a part of) the name of the customer in field **Search for** or change **Search in field** for searching on another search field. Double-click on the right customer, the screen **Invoices booked lessons** is displayed.

Click on an invoice in the list, for example to add the amount paid by the customer. Invoices non-paid or partially paid are shown in **red**.

of Overview ▼											
Customer Invoice date Description	w Customers Set Search for				Ť						
Paid VAT Net Vacant 2012041216161 2007081514142 2007030509562 20003015233 2006090315233	Surname WERKH WERKH WERKH WERKH WERKH WERKH WERKH WESSEL WESSEL 0 1 WESSEL 0 1 WESSEL 0 1 Search in fiel 8 0 7 2 1	DVEN VAN R IG G R ING JING JINK S S S Ki	Firstnar Ara Verser Ara Ara Ara Ara Ara Ara Ara Ara Ara Ar	19 	Cust no Address Cust 2007 (Second Pro- Second Pro- Sec		Tip code City		Telephone Sub- 75.05 Sub- 75.05 S	Telephone work	E-mail
2012171118 2009091201 2009101241	17 <u>12 2001</u> 09-09-2001 10-09-2000	203,00 20 203,00 20 172,89 172,6	3 11,49 9 25,75	203.00 203.00 172.89	0.00 of 2017102 and gr 0.00 of 201710/01 a 0.00 voorsiez.00 ar	01-10-200 10-09-200	2 3333 1 9333 0 9333	×			

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# 6.2 Create new invoice

Select first a customer and then press [Add] in screen Invoices booked lessons customer <NAME>.

									L	
Invoices boo	oked less	ons cust	omer V	VESSEL	S					
🎯 Over <u>v</u> iew 🔻										
Customer	WESSELS		2							
Invoice date		V In	/oiceNo	201204121	161610	Book				
Description	n Season ticket (24 lessons)					Tune	SEIZ ····			
Invision amount	425.00	(2110000110)				Type Distant				
molice amount	425,00					Date 1st less	on			
Paid	425,00	Date paid		~						
VAT	24,06	VAT %		6						
Net	400,94	Discount %								
Vacant	0.00		-							
O Browse	Delete	Chang		Add	OK	1 Com			2011	
Diomoc	Delete	CERTIN		ALC: L	CONS.			Vacant	310	
						- Saue		O Vacant O P	810	
Invoice no.	Invoice date	Amount	Paid		Net	Outstanding		Date paid	Cust.no.	Ledger 🔨
Invoice no. 20120412161610	Invoice date	Amount 425,00	Paid 425	VAT 24,06	Net 400,94	Outstanding 0,00	Description Season ticket (24 lessons)	Date paid 12-04-2012	Eig Cust.no. 9333	Ledger 🔨
Invoice no. • 20120412161610 20120308151508	Invoice date 12-04-2012 08-03-2012	Amount 425,00 425,00	Paid 425	VAT 24,06 0,00	Net 400,94 425,00	Outstanding 0,00 225,00	Description Season ticket (24 lessons) test	Date paid 12-04-2012 08-03-2012	Cust.no. 9333 9333	Ledger 🔨
Invoice no. 20120412161610 20120308151508 20070815141426	Invoice date 12-04-2012 08-03-2012 15-08-2007	Amount 425,00 425,00 425,00	Paid 425 200 425	VAT 24,06 0,00 24,06	Net 400,94 425,00 400,94	Outstanding 0,00 225,00 0,00	Description Season ticket (24 lessons) test seiz 07-08 JZ	Date paid 12-04-2012 08-03-2012 08-09-2011	Cust.no. 9333 9333 9333 9333	Ledger 🔨
Invoice no. 20120412161610 20120308151508 20070815141426 20070305095621	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007	Amount 425,00 425,00 425,00 149,00	Paid 425 200 425 149	VAT 24,06 0,00 24,06 8,43	Net 400,94 425,00 400,94 140,57	Outstanding 0,00 225,00 0,00 0,00	Description Season ticket (24 lessons) test seiz 07-08 JZ combicursus 2007 Ph	Date paid 12-04-2012 08-03-2012 08-09-2011 26-03-2007	Cust.no. 9333 9333 9333 9333 9333	Ledger 🔨
Invoice no. 20120412161610 20120308151506 20070815141426 20070305095621 20061127103324	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007 27-11-2006	Amount 425,00 425,00 425,00 149,00 169,00	Paid 425 200 425 149 169	VAT 24,06 0,00 24,06 8,43 0,00	Net 400,94 425,00 400,94 140,57 169,00	Outstanding 0,00 225,00 0,00 0,00 0,00	Description Season ticket (24 lessons) test seiz 07-08 JZ combicursus 2007 Ph sl8 11-12-2006 Ph	Date paid 12-04-2012 08-03-2012 08-09-2011 26-03-2007 11-12-2006	Cust.no. 9333 9333 9333 9333 9333 9333	
Invoice no. 20120412161610 20120308151506 20070815141426 20070305095621 20061127103324 20060903152338	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007 27-11-2006 03-09-2006	Amount 425,00 425,00 425,00 149,00 169,00 169,00	Paid 425 200 425 149 169 169	VAT 24,06 24,06 8,43 0,00 0,00	Net 400,94 425,00 400,94 140,57 169,00 169,00	Outstanding 0,00 225,00 0,00 0,00 0,00	Description Season ticket (24 lessons) test seiz 07-08 JZ combicursus 2007 Ph sl8 11-12-2006 Ph sl 8 11-9-06 nn	Date paid 12-04-2012 08-03-2012 08-03-2011 26-03-2007 11-12-2006 18-09-2006	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	
Invoice no.           20120412161610           20120308151506           20070305035621           20001127103324           200060903152338           20040826115707	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007 27-11-2006 03-09-2006 26-08-2004	Amount 425,00 425,00 425,00 149,00 169,00 169,00 193,50	Paid 425 200 425 149 169 169 193,5	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Description Season ticket (24 lessons) test seiz 07-08 JZ combicursus 2007 Ph sl8 11-12-2006 Ph sl 8 11-9-06 nn sl12 06-0-04 bj	Date paid 12-04-2012 08-03-2012 08-03-2011 26-03-2007 11-12-2006 18-09-2006 01-11-2004	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	
Invoice no. 20120412161610 20120308151506 2007030505621 2007030505621 20061127103324 20060903152338 20040826115707 2003111243	Invoice date 1 2-04-2012 08-03-2012 1 5-08-2007 05-03-2007 2 7-11-2006 0 3-09-2006 2 6-08-2004 11-03-2002	Amount 425,00 425,00 425,00 149,00 169,00 169,00 193,50 175,00	Paid 425 200 425 149 169 169 193,5 175	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17 9,91	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55 175,00	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Description Season ticket (24 lessons) test seiz 07-08 JZ combicursus 2007 Ph sl8 11-12-2006 Ph sl 8 11-9-06 nn sl12 06-0-04 bj zomercursus 2002 ar	Date paid 12-04-2012 08-03-2012 08-03-2011 26-03-2007 11-12-2006 18-09-2006 01-11-2004 23-04-2002	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	
Invoice no. 20120412161610 20120308151506 20070815141426 20070305095621 20061127103324 20060903152338 20040826115707 2003111243 2012171118	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007 05-03-2007 05-03-2007 05-03-2007 05-03-2007 05-03-2004 11-03-2002 17-12-2001	Amount 425,00 425,00 425,00 149,00 169,00 169,00 193,50 175,00 203,00	Paid 425 200 425 149 169 169 193,5 175 203	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17 9,91 11,49	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55 175,00 203,00	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Liose         Liose           Description         Season ticket (24 lessons)           test         seiz 07-08 JZ           combicursus 2007 Ph         sl8 11-12-2006 Ph           sl8 11-3-06 nn         sl12 06-0-04 bj           zomercursus 2002 ar         04/01/02 sl12 gl	Date paid           12-04-2012           08-03-2012           08-03-2011           26-03-2007           11-12-2006           18-09-2006           01-11-2004           23-04-2002           04-01-2002	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	Ledger
Invoice no. 20120412161610 20120308151506 20070815141426 20070305095621 20061127103324 20060903152338 20040826115707 2003111243 2012171118 2009091201	Invoice date 12-04-2012 08-03-2012 15-08-2007 05-03-2007 05-03-2007 03-09-2006 26-08-2004 11-03-2002 17-12-2001 09-09-2001	Amount 425,00 425,00 425,00 149,00 169,00 193,50 175,00 203,00 203,00	Paid 425 200 425 149 169 193,5 175 203 203	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17 9,91 11,49 11,49	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55 175,00 203,00 203,00	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Liose         Liose           Description         Season ticket (24 lessons)           test         seiz 07-08 JZ           combicursus 2007 Ph         sl8 11-12-2006 Ph           sl 8 11-3-06 nn         sl12 06-0-04 bj           zomercursus 2002 ar         04/01/02 sl12 gl           sl12 01/10/01 ar         sl12 01/10/01 ar	Date paid           12-04-2012           08-03-2012           08-03-2011           26-03-2007           11-12-2006           18-09-2006           01-11-2004           23-04-2002           04-01-2002           01-10-2001	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	
Invoice no. 2012041216161( 20120308151506 20070815141426 20070305095621 20061127103324 20060903152338 20040826115707 2003111243 2012171118 2009091201 2009101241	Invoice date 12:04:2012 08:03:2012 15:08:2007 05:03:2007 27:11:2006 03:09:2006 26:08:2004 11:03:2002 17:12:2001 09:09:2001 10:09:2000	Amount 425,00 425,00 149,00 169,00 193,50 175,00 203,00 203,00 172,89	Paid 425 200 425 149 169 193,5 175 203 203 203 172,89	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17 9,91 11,49 11,49 25,75	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55 175,00 203,00 203,00 172,89	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Liose         Liose           Description         Season ticket (24 lessons)           test         seiz 07-08 JZ           combicursus 2007 Ph         sl8 11-12-2006 Ph           sl8 11-12-2006 Ph         sl8 11-906 nn           sl12 06-0-04 bj         zomercursus 2002 ar           04/01/02 sl12 gl         sl12 01/10/01 ar           voorsiez.00 ar         voorsiez.00 ar	Date paid           12-04-2012           08-03-2011           26-03-2007           11-12-2006           18-03-2006           01-11-2004           23-04-2002           04-01-2002           01-10-2001           10-09-2000	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	
Invoice no. 2012041216161( 20120308151506 20070815141426 20070305095621 20061127103324 20060903152338 20040826115707 2003111243 2012171118 2009091201 2009101241	Invoice date 12:04:2012 08:03:2012 15:08:2007 05:03:2007 27:11:2006 03:09:2006 26:08:2004 11:03:2002 17:12:2001 09:09:2001 10:09:2000	Amount 425,00 425,00 149,00 169,00 193,50 175,00 203,00 172,89	Paid 425 200 425 149 169 169 193,5 175 203 203 203 172,89	VAT 24,06 0,00 24,06 8,43 0,00 0,00 12,17 9,91 11,49 11,49 25,75	Net 400,94 425,00 400,94 140,57 169,00 169,00 182,55 175,00 203,00 203,00 172,89	Outstanding 0,00 225,00 0,00 0,00 0,00 0,00 0,00 0,	Liose         Liose           Description         Season ticket (24 lessons)           test         seiz 07-08 JZ           combicursus 2007 Ph         sl8 11-12-2006 Ph           sl8 11-9-06 nn         sl12 06-004 bj           zomercursus 2002 ar         04/01/02 sl12 gl           sl12 01/10/01 ar         voorsiez.00 ar	Date paid           12-04-2012         08-03-2012           08-03-2011         26-03-2007           11-12-2006         18-09-2006           01-11-2004         23-04-2002           04-01-2002         01-10-2001           10-09-2000         10-09-2000	Cust.no. 9333 9333 9333 9333 9333 9333 9333 93	Ledger

Fig.6c

Screen **Invoice Type** opens, choose the type of invoice. If an amount and / or description is linked to the type of bill (see File  $\rightarrow$  Basic data  $\rightarrow$  Types Invoice) then price / description is automatically filled. The values can be adjusted.

nvoice types/groups			
pearch for			
Code	Discription		Rate
LL			24
PI			17.5
SEIZ	Season ticket (24 lessons)		425
SL12			240
SL20			170
TOFR			1/6
ZOMER			
earch in field			
		🖌 <u>о</u> к	X Cancel
		<u> </u>	

Fig. 6d

THE Planning and Customer Relations Management System for Indoor Ski and Snowboard Centres

If the invoice is paid directly when creating the invoice, enter the amount in **Paid**, select the percentage tax and press **[OK]**.



After creating the invoice, an overview of lessons / invoice can be generated by clicking on button **[Overview**]. Options: view Lesson Card on screen, send the card to the printer or send it by e-mail to the customer.

Fig. 6e

#### Lesson card formatting

The options **Lesson card to printer** and **Lesson card preview** are presented in the standard layout. The invoice / course card however can be configured to your preferences and formatting. To do so, adjust the template SKI\_LESKAART.RTF. This file is found in the folder where the Ski System is installed. See appendix A "Templates" for more information.

#### Formatting course card e-mail

For sending the lesson card by e-mail a customizable template is also available. This is an HTML template, found in the subdirectory \ HTML \ SKI\_Leskaart.html. See Appendix A "Templates" for more information.



THE Planning and Customer Relations Management System for Indoor Ski and Snowboard Centres

# 6.3 Invoice reports

The module **All invoices** provides overview on the status of your invoices, per customer or per period and also in lessons / customers without invoices. Choose **All invoices**, the screen **Invoices paid/not paid** opens.

<b>9</b> s	KI 20	12 - Ski	centr	e & C	ustomer Informa	tionsystem			
File	Edit	Window	View	Help					
<b>1</b>	Ŷ	E. C			<u>P</u> lanner	<u>C</u> ustomers	•	<u>Invoices</u>	-
								Invoices All invoice	5
Fig. 6	5h								

#### Search by Customer

Click the radiobutton **Customer on.** Enter a date in field **Date Lesson** or select a date from the underlying calendar. Choose whether to let the system search for invoices Paid or Vacant (not or partly paid). If you want to search for unbilled customers (with booked lessons) click options **Vacant** and **Not billed**. Press button [Search] to carry out the selection.

#### Search by Period

Click the radiobutton **Period** on. Enter a From date and till date. The system will search for paid or unpaid invoices within the specified period.

🗐 Invoices v	acant										
Invoices p	paid/not	paid									
🎯 Print										_	
Invoices Vacant Paid		<ul> <li>Customer</li> <li>Date less</li> <li>Not billed</li> </ul>	<sub>son</sub> 26-04-2012	~	O Periode From date	26-04-2012	× ×				
Search											
Invoicedate	Amount	Paid	Outstanding Cus	t.no. I	nvoice description	n.	Surename	First name	Insertion	Address	^
▶ 08-03-2012	425,00	200,00	225,00	9333 t	est		WESSELS	PAUL		JULIANALAAN 2	297
<u>&lt;</u>	-									1	>
Number found	1	Total an	iount 425,	,00 To	tal paid	200,00	Total outstand	ing 225,00			

Fig. 6i

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Use the button [Print] to print the result of the query for further actions.

R A	fdruk Voorbee	ld								_	
8		100 %	∢ ∢ ]	• •	н	Close					
											_
	Openstaand	le facturen	van klantei	n les op dati	um: 26-0	04-2012			Date printed:	26-04-2012	
	Name		Т	elephone		Invoice date	Amount	Paid Vacant	Description		
	WESSELS		0	23-5511911		08-03-2012	425	200	test		
						Number of cu	istomers	1	otal outstanding	225,00	
											~
Page 1	1 of 1										

Fig. 6y

# **7 MODULE TEACHERS**

With the module **Teachers**, the deployment of teachers can be registered and for each scheduled lesson a teacher can be assigned. For using the module go to File  $\rightarrow$  General Settings  $\rightarrow$  tab General. Click the button **YES Teacher module** active.

To add new and mutating existing teachers choose File  $\rightarrow$  Teachers. See Chapter 5 Customers for a description how to add/modify teachers, the module Teachers and Customers work identical. Not all tabs and options are identical: only the Lessons tab is visible (see what lessons are given by this teacher).



In case the module Teachers is active, a teacher can be added to each lesson. In the Planning screen, the teacher's name is in bold above the on this lesson booked customers.

Use the module **Year Planning** to schedule teachers on fixed hours / days throughout the season. See **chapter 11 Year Planning** for further details.

# 8 BASIC DATA

Go to File --> Basic data for managing the various lists. The module contains the following tabs: Invoice types, Book, VAT rates, Occupied items (reason closed / action), Progress descriptions, Feature/denote types, Relation types.

The process is on each tab generic: search for an existing item by entering the code. If the item is found, the corresponding data is displayed. The [Edit], [Delete] and [Cancel] buttons become active. Mutate the data and confirm the mutation using the [Edit] button. If the code is not found then the [Edit] and [Delete] button become inactive and the [Add] button is actived.

😰 Basic data				
Invoice groups				
🎯 Over <u>v</u> iew				
Invoice groups Book VAT rates Occupied items I	Progress description	Feature/denote types	Relation types	
Code/type SEIZ Description Season ticket (24 lessons) Rate 425				
Delete Edit Add Cancel				
Description	Amount			^
	24,00			
	17,50			
Season ticket (24 lessons)	425,00			
	240,00			
	176,00			
				<u>×</u>

#### Tab Invoice types

Enter a unique code, a description and price. The invoice type actually corresponds to the product, per invoice type only one product is attached (single lesson, reduced price for volumes, special offers etc).

When creating the invoice, both the definition and the amount per invoice can be adjusted, the list **Invoice types** is therefore not leading but meant as quick invoice creator.

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???
Book
🎯 Over <u>v</u> iew
Invoice groups Book VAT rates Occupied items Progress description Feature/denote types Relation types
Code     Image: Code       Description     Turnover - lessons
Delete     Edit     Add     Cancel
Accountno. Description Turnover - lessons

#### Tab Tax rates

Enter all possible VAT rates.

VAT rates					
🎯 Over <u>v</u> iew					
Invoice groups B	ook VAT rates	Occupied items	Progress description	Feature/denote types	Relation types
Code VAT % Description	20 Vat				
Delete	<u>E</u> dit A	dd <u>C</u> ano	cel <u>C</u> lose		
Code Description	PERC 20				

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#### **Tab Occupied items**

Color settings for lesson planning and annual planning. The code is automatically assigned, enter only the description and color.

C	Occupied items						
(	🏐 Over <u>v</u> ie	iew					
Ir	Invoice groups Book VAT rates Occupied items Progress description Feature/denote types Relation types						
	Code Description View colour	n Event ur Purple					
	<u>D</u> elete	<u>E</u> dit <u>A</u> dd <u>C</u> ancel <u>C</u> lose					
	D	Description Colour					
►	1	1 Event clPurple					
	2	2 Combi-lesson clYellow					
	6	6 No teacher clScrollBar					
	8	8 stage clTeal					
	12	2 Snowboard lesson clGreen					
4	14	4 AMA skiteam cYellow					
4	15	5 Diploma skiing clFuchsia					
4	16	6 Travels clBlue					
	17	7 kids hour clinactive(					

#### **Tab Progress description**

In addition to the default level indicator L, A and S, enter your customized set of levels indicating the experience of the customer.

	Progress des	cription		
	🎯 Over <u>v</u> iew			
C	Invoice groups B	ook VAT rates Occupied items Progress description Feature/denote types Rel	ation types	
	Code Description	A Novice: first time		
C	<u>D</u> elete	Edit Add Cancel Close		
	Code	Description	ID	
Þ	А	Novice: first time	1	
	В	Expierence: 3 years in snow	2	
	B2	Expierence: 2 years on indoor slope	3	

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#### **Tab Feature descriptions**

Use the list of additional features to specify groups of customers. Usefull for management information, mailings. Example: how many customers have found our ski center through our ad in the paper ?

#### **Tab Relationtypes**

Use this list for defining more kinds of relations / groups.

	Relation types						
	🎯 Over <u>v</u> iew						
	Invoice groups Book	VAT rates Occupied items	Progress descript	ion Featu	re/denote types	Relation types	
(	ID Search description Description Relationcode <u>D</u> elete	1 SKI SKI SKI Add Cance	el <u>C</u> lose				
_	Description Parties		Relation code	ID 3			
▶	SKI		SKI	1			
	Snowboard		SB	2			
	Travels		TBA	4			

# **9 GENERAL SETTINGS**

Go to File  $\rightarrow$  General settings in order to set user preferences and settings.

# 9.1 Tab lesson planner

- Number of tracks
- number of persons per track (maximum number of bookings per hour), start time of a track on the whole or half hour or variable.
- scale whole / half hour (use half hour if lessons start on half hours)
- preference for the number of days visible in the planning screen (7 or 14 preferred!).
- in lesson planning show children booked on this hour, if you want this to be shown -> enter Yes + age.
- Add unique colors to each type of lesson (full, closed, private and snowboard hours)
- fade the colors to make them a little less "hard"

Skicentre & Customer Informationsystem	
General settings	
Lesson planner General Database Invoice	
Ski track	Show symbol with kids
Number of tracks     2     Start time     09:00     End time     23:30       Max persons Track 1     6     Start track 1     O Complete hour     Half hour     V       Max persons Track 2     6     Start track 2     Complete hour     Half hour     V	<ul> <li>Yes till age 11 \$</li> <li>No</li> <li>Colours</li> </ul>
Scale Number of Days vissible	Background Characters Background colours Full hour Silver
Half hours     Number     Complete hours	Closed Red V Privat Red V
Snowboard hours Closed hours	Snowboard Jesson 🧮 Aqua 👻
Track 1         Track 2           Hours track 1         Hours track 1           Monday         00:00 v         to         00:00 v           Tuesday         00:00 v         to         00:00 v           Tuesday         00:00 v         to         00:00 v           Wednesday         00:00 v         to         00:00 v           Thursday         00:00 v         to         00:00 v           Thursday         00:00 v         to         00:00 v           Friday         00:00 v         to         00:00 v           Saturday         13:00 v         to         16:00 v           Sunday         00:00 v         to         00:00 v	Colour line <ul> <li>Apply</li> <li>Background</li> <li>Character</li> <li>Hours stripe</li> <li>Navy</li> <li>Selected hour</li> <li>Lime</li> <li>Lime</li> <li>A(liround)</li> <li>Blue</li> <li>S(portive)</li> <li>Fuchsia</li> <li>Colour shade</li> <li>Yes</li> <li>No</li> </ul>
	<u>QK</u> <u>C</u> ancel

# 9.2 Tab General

In tab General various modules and features can be adjusted, switched on or off.

- customer name, address and / or email presentation in uppercase
- language setting
- switch on/off the modules Progress, Accident, Relation
- switch on/off teacher module
- html output yes / no for output (overview lessons/track/day) on a screen along the track. If
   Yes then adding the location where to store the html-documents is mandatory.

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- Lessons of the customer in the customer screen filter for current season (note: enter each new season again)
- Use customized templates yes/no. Option **All** will give the user access to default templates and customized (Word) templates.
- Mail account settings for mails in large volums using STMP ask your system administrator or see Appendix B.

esson planner General Database Invoice			
go's	Customer data	Languages	
ge-file C:\Delphi5\Projects\SkiCentrum\S	Customer data in capital characters     O Yes     O No.	Select language	
	City in capital characters	Teacher module active	Accident module active
	Yes	Yes	<ul> <li>Yes</li> </ul>
MAXTRAC		O No	🚫 No
INDOOR SKISLOPES	E-mail field in small characters                • Yes             • No             Zip code format             #########################	Progress module active Yes No	Relation types module active
			⊙ No
	l emplate usage	Mail account	
	O Default	Uutgoing mail server (SMTP)	smtp.upcmail.ni
	O Word templates	E-mail sender	mail@wadweb.nl
		Name sender	Paul Wessels
lder HTML output	tput		

# 9.3 Tab Database

In this tab make your settings for backup and restore. Enter the <u>location on disk</u> and <u>preferences</u> for making backup and restore files.

In order to make the system check during startup whether a backup has been made recently, go to option **Check**. Choose the frequency of monitoring: daily, weekly or once a month.

#### Note:

the actual production of a backup is either done **automatically** (choose YES at option **Automatic backup**) or is to be started **manually.** To start a backup go to File  $\rightarrow$  File management  $\rightarrow$  Create Backup. To restore a database, go to File  $\rightarrow$  File Management  $\rightarrow$  Restore database.

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🗐 Skicentre & Custon	ner Informationsystem		
General settings			
Lesson planner Gener	al Database Invoice		
Database			
Active database	DATA\Skicentrum.mdb	Select	
Backup			
Backup directory	C:\Backup	Select	
Check	Automatic backup		
💿 Day	Yes		
O Week	O No		
O Month			
Restore			
Restore directory	C:\Backup	Select	
Database locations for	conting/evenaning		
Server inetwork	oopyngrononalyng	Select Make active database	
Laptop		Select Make active database	
Update database			
			<u>OK</u> <u>C</u> ancel <u>C</u> lose

**Note:** button **[Update Database]** only use when required by Wessels Application Development (installation a new version of SKI).

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# 9.4 Tab Invoice

When using the **default** format/layout for the invoice / lesson card, then the header and footer can be set to your preference and a logo can be added. Select a logo from disk and specify the position where the logo should appear.

Enter a header and footer and click button [OK].

Skicentre & Customer Informationsystem	
General settings	
Lesson planner General Database Invoice	
Invoice header - [SkiKopTxt.tf]	Logo
Indoor SKI	Image-file
Invoice footer - [Sk/VoetTxt.nf]	
Last minute skiën voor€ 10,- , vraag naar de voorwaarden	
	QK Cancel Close

# **10 REPORTS**

Go to **File --> Report/view** for generating a report on the total number of lessons from a certain date - per week, per month or per quarter of a year.

🚱 Report/view				
Total report				
🎯 Print				
From date	V 🛛	/iew per		
Year - Week No				
1899 - 51	10(0)			
2002 - 49	140			
2002 - 50	487			
2002 - 51	289			
2002 - 52	124			
2003 - 00	220			
2003 - 01	560			
2003 - 02	548			
2003 - 03	565			
2003 - 04	550			
2003 - 05	562			
2003 - 06	566			
2003 - 07	408			
2003 - 08	9			
2003 - 09	253			
2003 - 10	172			
2003 - 11	114			
2003 - 12	4			
2003 - 13	106			
2003 - 14	119			
2003 - 15	132			
2003 - 16	59			
2003+17	0	✓		

# **11 YEAR PLANNING**

The module **Year planning** allows you to define the availability of the tracks. Go to File --> **Year planning**.

This module gives you the opportunity to mark or block (close) dates/hours/tracks in batch, for example tracks that will be closed for maintenance or pre-reserved for special events. The module can also be used to add teachers to specific hours/days/periods.

NB. The calendar on the right of the screen is meant for looking up dates. No functionality behind this calendar!

Year planning						[		
Agenda planning - s	pecial events/closed/teachers							
🎯 Print								
Reason Start date Start time	Event Closed      Track 1 Track 2      Complete day Monday Type lesson      Tuesday O Children	21	<b>€</b> • 20 1	<b>∢</b> ma	Aug di w	2011 5 da	VI	> > za
End time	<ul> <li>Wednesday</li> <li>Snowboard lesson</li> <li>Thursday</li> <li>Friday</li> <li>Saturday</li> <li>Sunday</li> </ul>	32 33 34 35 36	7 14 21 28	8 15 22 29	9 1 16 1 23 2 30 3	, 4 0 1 7 1 4 2 1	5 1 12 3 19 5 26	。 13 120 127
Teacher			zo r	ma	Sep di w	2011 5 do	٧ſ	za
Number of book lessons		35 36 37 38 39 40	4 11 18 25	5 12 19 26	6 1 13 1 20 2 27 2	1 7 8 4 1! 1 2: 8 2!	2 9 5 16 2 23 9 30	3 10 17 124 1
<								

Enter your criteria and press button [Close hours]. The following message prompts:

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After choosing **Yes**, the status bar will run, the hours that meet the criteria will be closed/marked and subsequently displayed on the screen. A message about the number of hours that have been concluded and if applicable, also the number of hours that already has scheduled customers (hours booked).

		zo	ma
Open hours Close hours Cancel Close	35		
Number of book lessons 24 100% SKI 2012 - Skicentre & Customer Inf	36 37 39	4 11 10	5 12 19
Booked: 01-04-2012 09:00:00         Total 24 hours booked and 0 hours already b           Booked: 01-04-2012 10:00:00         OK           Booked: 02-04-2012 09:00:00         OK           Booked: 02-04-2012 10:00:00         OK           Booked: 02-04-2012 10:00:00         OK           Booked: 03-04-2012 10:00:00         OK           Booked: 03-04-2012 10:00:00         OK           Booked: 03-04-2012 10:00:00         OK           Booked: 03-04-2012 10:00:00         Booked: 03-04-2012 10:00:00           Booked: 03-04-2012 10:00:00         Booked: 04-04-2012 09:00:00           Booked: 04-04-2012 10:00:00         Booked: 04-04-2012 10:00:00           Booked: 04-04-2012 10:00:00         Booked: 04-04-2012 10:00:00           Booked: 04-04-2012 10:00:00         Booked: 04-04-2012 10:00:00	)ooke	ed	

To reverse your action: enter the same criteria and press button [Open hours].

Hours on which customers are scheduled ('hours already booked') are <u>not included</u> in this batch action. Go to the **Lesson Planner** to close or mark these hours manually.

# **12 FILE MANAGEMENT**

Go to **File --> File Management.**The following options are offered from this menu:

File management	Create backup
Stop	Update lesson-table with level-changes Restore database
	Template management

# **12.1 Create backup**

🧐 File manageme	ent 📃 🗖 🔀
Create databa	ase backup (ZIP)
ZIP file	C:\Backup\SKI1204261359.zip
	OK Cancel

With button **[File]** the right database can be searched on the computer / server. The name and location of the database that will be the subject of the backup process is shown in the field next to the [File] button.

Use button **[ZIP file]** to search for the correct folder and filename to store/overwrite the backupfile. Click button **[OK]** to start the backup process.

Confirm	n 🛛 🔀
?	Do you want to make a zip backup of the selected file?
	Yes No

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# **12.2 Update lessons table**

Select option **Update lessons table – level changes** to reset the "number of customers per level", shown in the lessons planner. The lesson planner indicates per lesson what kind of bookings are made, to make sure that experienced and starters are not mixed in one lesson on the same track. It may occur that, due to changes made throughout the year in levels of experience in customer data, the numbers per level shown are not accurate.



## **12.3 Restore database**

To restore a database, select the folder where the backup zip files are located.

On the left the files found in the folder are displayed. Double-click a file and right displays the contents of the zip file. Note: the content should be **Skicentrum.mdb**. Check the date and time. **Note:** First make a copy on disk with copy / paste of the current database!

File management						
Database restore (	restore bacl	kup)				
Map ZIP file Unzip to	C:\Backup\SKI1 C:\Delphi5\Proje	204261359.zip ects\SkiCentrum\I	Data\Heemskerk\Ski	centrum.		
	<u>D</u> elete	⊻iew	<u>0</u> K	<u>C</u> ancel		
Zip-files	Naam		Datum/Tiid		Compr. groc	Upcmpt
	Skicent	rum.mdb	25-04-2012	22:04:48	9242923	466984
	μ					

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# **12.4 Template Management**

Module inactive, see Appendix A.

File management	
Template management	
Description       Template (.dot)       Image: Default active	
<u>A</u> dd <u>D</u> elete <u>O</u> K <u>C</u> ancel <u>C</u> lose	

 $\mathsf{Page}\,42$ 

# APPENDIX A TEMPLATES

# **Template Customer Card**

Filename:	SKI_LESKAART.RTF
Application:	Generating invoice / Lesson Card per customer
Run through:	customer screen

Use \a:*field name*\ for customer fields, \b:Lesdatumbegin\ for lesson fields.

Example:

#### LES AGREEMENTS

Dear \ a: NAME \,

We booked for you indoor ski / snowboard lessons (conditions overleaf ) on the below dates:

from	to	
\fdtm (b: LesdatumBegin, "hh:	\ fdtm (b: LesdatumEind,	"hh:
mm) \	mm) \	
	from \fdtm (b: LesdatumBegin, "hh: mm) \	from     to       \fdtm (b: LesdatumBegin, "hh: mm) \     \ fdtm (b: LesdatumEind, mm) \

\ endscan, ctn (b: ID, Telaantal) \

Total we have \Telaantal \ classes \ if (telaantal> 1) \\ 's" \\ endif \ booked.

\ if (c : outstanding <> 0) \ \ "We kindly ask you *before the first lesson* the following amount. You can pay cash at our counter or pins. "\

Factuurnr.	Description	amount	paid	VAT	payable	
\ endif \						

Stay informed about our activities please visit www.skicentrum.nl

Thank you for your booking and wishing you much joy during and after classes at our ski center.

Sincerely,

Skicentrum

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# **Template Overview lessons day**

Filename:	SKI_DAGOVERZICHT.RTF
Application:	daily scheduled lessons per track
Run through:	lesson planner/new invoice

#### Example:

lesson planning job \ a: Baan \	\fdtm (a: Lesdatumbegin, "dddd, mmmm d")
in	Ň

#### \scan (a) \

∖Endif \ \ if (a: RECID_1> 0) \ \ a:	∖a:	\ a:	\ a: KL1LesToDo	\ frtf (a:
KL1Naam ∖	KLLft1 ∖	KL1LesDone \	\	KL1Opmerk) \
2 \ endif \ \ if (a: RECID_2> 0) \ \ a:	\ a:	\ a:	\a: KL2LesToDo	\ frtf (a:
KL2Naam \	KLLft2 \	KL2LesDone \	\	KL2Opmerk) \
3 \ endif \ \ if (a: RECID_3> 0) \ \ a:	∖a:	\ a:	\a: KL3LesToDo	\ frtf (a: Notable
KL3Naam \	KLLft3 ∖	KL3LesDone \	\	KL3) \
4 \ endif \ \ if (a: RECID_4> 0) \ \ a:	∖a:	\ a:	\a: KL4LesToDo	\ frtf (a: Notable
KL4Naam \	KLLft4 ∖	KL4LesDone \		KL4) \
5 \ endif \ \ if (a: RECID_5> 0) \ \ a:	\ a:	\ a:	\ a :	\ frtf (a: Notable
KL5Naam \	KLLft5 \	KL5LesDone \	KL5LesToDo \	KL5) \
6 \ endif \ \ if (a: RECID_6> 0) \ \ a:	\ a:	\ a:	\ a: KL6LesToDo	\ frtf (a : Notable
KL6Naam \	KLLft6 \	KL6LesDone \	\	KL6)  \

 $\label{eq:alpha} \ (a) \ (a) \ (a) \ (a) \ (b) \ (b)$ 

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# **Template Customer card – html**

Filename:	SKI_LESKAART.HTML
Application:	Invoice /Lesson Card per customer – html (e-mailing)
Run through:	customer screen

With some knowledge of html templates changes can be made is this template. Otherwise contact with Wessels Application Development for support.

The following fields can be used as variables:

[CUSTOMER NAME], [CUSTOMER NAME], [KLANTTUSSENV], [CUSTOMER ADDRESS], [KLANTPC], [CUSTOMER LOCATION] [KLANTTELPRIVE], [CUSTOMER counter ], [CUSTOMER MOBILE] [CUSTOMER MAIL] [TEACHER] [FACTXT], [FACTXTNR] [FACTXTOMS] [FACTXTBEDRAG] [FACTXTBTW] [FACTXTOPEN], [FACTXTBETAALD] [FACNR], [FACOMS], [FACBEDRAG], [FACBTW], [FACOPEN], [FACBETAALD], [LESDATUM], [LESVAN], [LESTOT] [BILLING START] [BILLING END]

#### Example:

🏉 Leskaart S	ikicentrum Heemskerk				
Leskaa	rt Skischool				
[KLANT	VOORNAAM]	[KLANTNAAI	[N		
[KLANTI	PC] [KLANTP	LAATS]			
Wij boekte	n voor u indoor sl	ki/snowboard-le:	ssen op de onders	staande data.	
Wilt u zo vri	iendelijk zijn de o	nderstaande ge	gevens te controle	eren!	
Detains	Mara		<b>T</b> -1	•	
Datum	Van		lot	Leraar	
LESDATUM	J [LESVAN]		[LESTOT]	[LERAAR]	
[FACTUUR [FACTXT]	BEGIN]				
[FACTXTNR	R] [FACTXTOMS]	[FACTXTBED	RAG] [FACTXTBTW	] [FACTXTOPEN]	
[FACNR]	[FACOMS]	[FACBEDRAG]	[FACBTW]	[FACOPEN]	
[FACTUUR	EIND]				
	Skisc tel: 023-55 11	hool   Adres   Pos 9 11   www.wadw	stcode Plaats eb.nl   mail@wadweb	.nl	
Ski &	Indoor ski- & s Snowboard onderl	snowboardlessen houd   Aprés ski b	Rodelbaan ¦Skish ar   Feesten & Part	op ijen   Reizen	
Gereed					

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# **APPENDIX B E-MAIL MODULE**

#### Introduction

The e-mail module is used to send multiple clients simultaneously an e-mail. The module can be used to send general messages to the customer or for example, distributing an electronic newsletter.

You can choose to send emails via Outlook or via SMTP. Using Outlook, have a limited number of customers in the bcc or cc. Using SMTP, there is no limit (although recommended is to not send out thousands of emails at once).

#### Setting SMTP details in General Settings

For sending the e-mails via Outlook there are no additional settings required.

If selected for transmission via SMTP, first find out what SMTP server you are using. This information can be found in the account settings of **MS Outlook**.

#### Go to Extra options --> Account Settings

Double-click the e-mail account that will be used to send the e-mails. Note the **Username** and the value entered under "**Outgoing Server (SMTP)**".

(NB Make notes on full **login information**, "Username" and "Password", in some cases you also need this information to be able to use SMTP)

E-mailaccounts					
Instellingen voor internet-e-mail (POP3) Al deze instellingen zijn vereist om de e-mailaccount te kunnen gebruiken.					
Gebruikersgege	vens	Servergegevens			
Naam:	Paul Wessels	Inkomende e-mail (POP3):	pop.wadweb.nl		
E-mailadres:	mail@wadweb.nl	Server voor uitgaande e-mail (SMTP):	smtp.upcmail.nl		
Aanmeldingsgegevens		Instellingen testen			
Gebruikersnaam: Wachtwoord:	catchall@wadweb.nl ******** V Wachtwoord onthouden	Nadat u de gegevens op dit scherm hel het raadzaam de account te testen dou onderstaande knop te klikken. (Hiervoor netwerkverbinding vereist)	bt ingevuld, is or op de or is een		
Accountinisteningen testen Aanmelden met beveiligd-wachtwoordverificatie Meer instellingen					
<pre>&lt; Vorige Volgende &gt; Annuleren</pre>					

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Now go to *File*  $\rightarrow$  *General Settings* in SKI. Open the tab *General*. Fill in the three fields under the heading **Mail Account**.

- Enter the SMTP address in the Outgoing mail server (SMTP)
- Enter e-mail address Sender (same email address as just found in Outlook)
- Enter name of the sender (free input, the name may differ from the name attached to this email address in Outlook

Then click [OK] to confirm your settings.

🗐 Skicentre & Customer Informationsystem			
General settings			
Lesson planner General Database Invoice			
Logo's	Customer data	Languages	
Imagefile C:\Delphi5\Projects\SkiCentrum\S	Customer data in capital characters Ves No	Select language	
	City in capital characters	Teacher module active	Accident module active
	⊙ Yes	Yes	Yes
	🔿 No	🔿 No	🚫 No
INDOOR SKISLOPES	E-mail field in small characters • Yes No Zip code format ########	Progress module active	Relation types module active         ⊙ Yes         ○ No         HTML output         ⊙ Yes         ○ No
	Template usage	Mail account	
	⊙ All	Outgoing mail server (SMTP)	smtp.upcmail.nl
	Uerault     Word templates	E-mail sender	mail@wadweb.nl
		Name sender	Paul Wessels
Folder HTML output C:\Delphi5\Projects\SkiCentrum\HTML_Output			
			<u>OK</u> <u>Cancel</u> lose

#### **Make Selection**

There are two ways to make the selection of the customers for the mailing:

- the customer screen
- the customer selection screen

Make the selection. Press the **e-mail** button or click **right** and choose **Emailing**. The e-mail screen opens. The email addresses of all selected customers appear in the BCC.

If necessary e-mail addresses can be added manually.

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Send message	
E-mail message	
I Mail via outlook () Attach II Mail via SMTP	T Host smip.upcmail.nl Total send: Not send to:
Lustomer WESSELS - 27-04-2012 - 27-04-2002 -	H Mail sender mail@wadweb.nl Send. Niet verstuurd:
Subject Subject Subject Update mailing date E-mail in Outlook	Audoriate     Number to send     Number sent
la Altackmante	Host smtp.upcmail.nl
e Audorniens	Mail sender mail@wadweb.nl
	From Paul Wessels
	Username
	Password ******
	Number to send
	Number sent
	Number of errors:

**Note:** If sending e-mails per SMTP the following error message may appear:

Relaying denied proper authentication required

#### Action:

add Username and password (found in Outlook) and place a checkmark in field Authorization.

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#### Edit Message



Selit Rich Text	
<u>File E</u> dit <u>V</u> iew Insert F <u>o</u> rmat	
MS Sans Serif 💽 8 🔽 🛛 😰 🚊 🗮 🖉	•
∑···1···2···3···4···5···6···7···8···9···10···11···12···13···	14 · · ·15 · ·
Dear customer,	

After formatting of the text, the screen can be left by the cross from the right pane. You will return to the E-mail message.

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🧐 Send me	essage									
E-mail n	nessage									
🖃 Mail via	outlook 🖞 <u>A</u> ttach	🖃 Mail via SMTP								
Customer To Subject	WESSELS mail@wadweb.nl	Update mailing date	BCC V Separal V E-mail ir E-mail ir	27-04-2012 e emails by bulk of [ HTML I Outlook	* + 50	Host Mail sender From Username Password Autorisatie Number to send Number to send Number of error	smtp.upcmail.nl mail@wadweb.nl Paul Wessels	Total send:       Send:	Not send to: Niet verstuurd:	0
				Se E-r E-n	parate email nail in HTML nail in Outloc	s by bul - Jk	k of 5	0		
File Attachmer	nts									
										2

Note ! Rich text (with formatting) requires option E-mail in HTML to be set ON.

To add an attachment click button

🛛 <u>A</u>ttach

I	File Attachments				
	C:\Delphi5\Projects\SkiCentrum\Data\Heemskerk\SKI_LES.RTF				

The filename of added file appears at the bottom of the screen under "File Attachments".

## Send E-mails



The option "Separate emails by bulk of" can be used to send out e-mails in sets of x-numbers and let the server make a new connection for each set. This can be useful or necessary if the e-mails are indicated somehow as a form of spam. If sending one by one or limited sets at a time this will not happen. Sending out e-mails will take a lot more time this way.

Set to "Separate emails by bulk of" a 1, then per e-mail a new connection is made to the mail server.

**Caution!** Choosing the proper bulk size is highly dependent on your own provider. Some providers have a quota set so that no more than x amount of e-mails within a certain time can be sent. Advice is not too large quantities at a time to send.

Start now to send by clicking one of the submit buttons; Choose *Mail via Outlook* if the number of emails per load is under 50. Choose *Mail via* SMTP for larger quantities at a time.

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E-mail message						
🖃 Mail via	🖃 Mail via outlook 🛛 🖉 Attach 🛛 🖃 Mail via SMTP					
Customer	WESSELS				27-04-2012	<b>T</b>
То	mail@wadweb.nl	*	BCC			<ul><li>▲ +</li><li>✓</li></ul>
				🔽 Separate emails	by bulk of	50
Subject E-mail in HTML						
Save message with customer Update mailing date E-mail in Outlook						

If the e-mail account settings are correct, the results appear at the left of the screen. Right at the top of the screen is shown which e-mails are sent and which have failed due to incorrect or non-existence of the e-mail address. Record these for correction.

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Status: Disconnected. Status: Disconnecting. Status:attachment StatusEncoding:Encoding text Status: Encoding text Status: Connected. Status: Connecting to 213.46.255.2. Status: Resolving hostname smtp.upcmail.nl.

If the shipping process has terminated, then the sum *Number of errors + Number sent (bulk)* must equal the Number to send. The screen can be closed.

Host	smtp.upcmail.nl	Total send:	Not send to:
Mail sender	mail@wadweb.nl	Send: mail@wadweb.nl	Foute emails:
From	Paul Wessels		
Username			
Password	*******		
📃 Autorisatie			
Number to send	1		
Number sent	2		
Number of errors	:	~	

**Tip!** Set in the **To** or **Bcc's** your own email address (from the ski center) to check that the e-mail is sent correctly and how the e-mail message is presented.

#### Error sending by SMTP, e-mails sent:

If no email is sent and the following error:

Relaying denied proper authentication required

fill out the in Outlook found login information and place a checkmark next to Authorization.

Note:

With the e-mail module, messages in (formatted) text and an with appendix can be sent out. It is not (yet) possible to use images within the e-mail/text.

# **APPENDIX C KEY COMBINATIONS**

Use the following keyboard shortcuts for controlling the application SKI by using the keyboard.

Jump to / Action	Shortcut		
Next field	Tab		
Previous field	Shift-Tab		
Switching between open windows	CTRL-TAB		
shortcut, buttons / menus	ALT + underlined letter		
the current window	CTRL + F4 or Esc (ape)		
Combo / window	ALT + down		
the current window or program close	ALT + F4		
Сору	CTRL + C		
Cut	CTRL + X		
Paste	CTRL + V		
Undo	CTRL + Z		
Insert	Insert		
Delete	Delete		
the System menu of the current window	ALT+ SPACEBAR Open		
the shortcut menu for the selected item	Shift + F10		
Displays the Start menu.	CTRL + ESC		
the last used window activate -or-another window activate the ALT key while you repeatedly press TAB.	ALT + TAB		

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