



Linens Assistant Configuration Manual

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0.1 Required Mobile Hardware

The following hardware is needed for the on-site inventory recording:

Basic configuration (only counting, no scanning):

- An **Android** device (PDA or phone) with
 - Android Version 4.1 or higher.
 - Screen size: 3.5 - 5 inch

Scanning configuration (UHF tags only):

- Android Device must have Bluetooth[®] connection possibility
- TSL 1128 *Bluetooth*[®] UHF RFID Reader



TSL 1128 UHF RFID Reader



TSL 1128 UHF RFID Reader with integrated Barcode Reader

Reader

Department Identification by Barcode scanning:

Option 1: Android device with integrated barcode reader that supports a wedge interface

Option 2: TSL 1128 *Bluetooth*[®] UHF RFID Reader with integrated barcode reader.

0.2 Required Infrastructure

The Linen Assistant App communicates with *ABSolute* via web services.

For the *ABSolute* installation it is required that a web server that hosts ABS Web services is installed. The web services must be accessible from outside the LAN (on a public IP# and Port# or URL)

For the mobile device it is required that has an internet access in some way. Either via a wired connection when it is put in a cradle, or wireless via WIFI or GPRS, 3G, HSPDA, 4G etc.

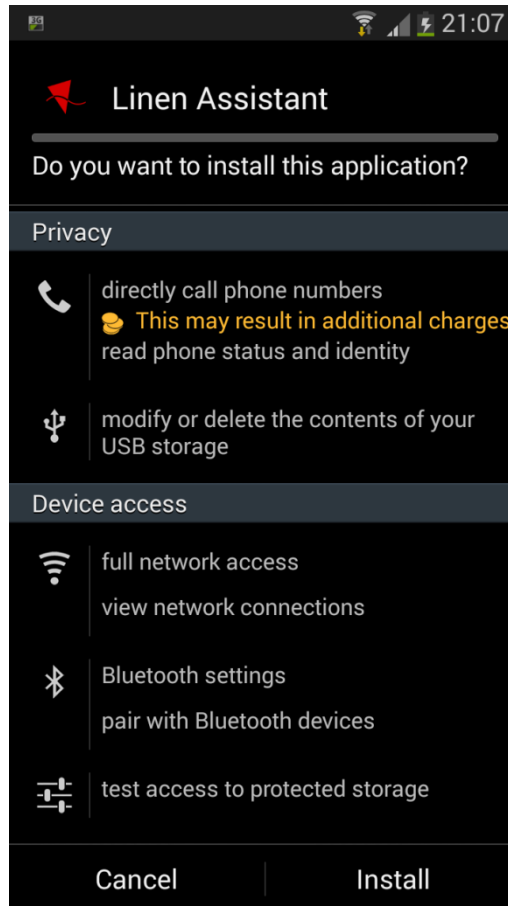
Once base data is downloaded, scanning and counting can be done off-line. So, no continuous internet connection is needed. Once finished recording (for example at the end of the shift), the user

can press a button to upload the transactions. So *only* for download and upload internet connection is required, and *not* for recording at the departments.

1 Android Application Linen Assistant Count / Order

1.1 Installing & Starting the App

Upon Installing the system asks you to agree with the following Privacy and Device access requirements.



The call functionality is for calling the laundry in case an error occurs. The app will never call automatically. The user can choose to call a configured number (system setting 'CUSTOMERSERVICEPHONE').

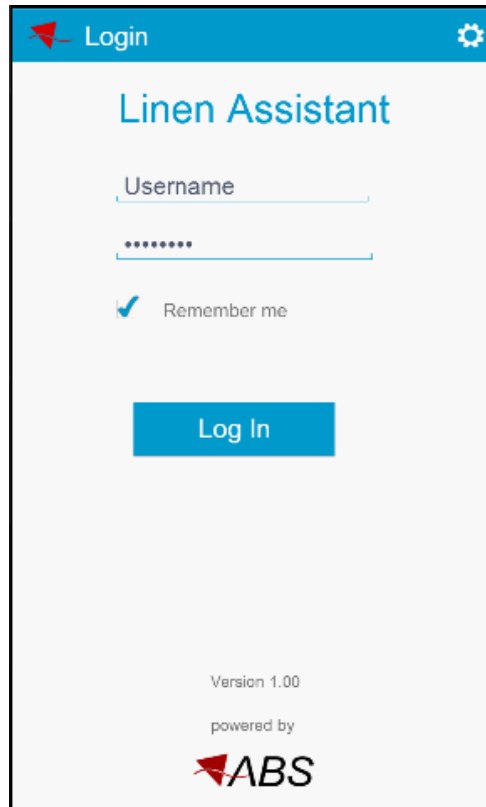
The Bluetooth setting is for connecting to a mobile UHF tag reader

The storage is for storing the data for off-line operation and for exporting the database for troubleshoot purposes.

After installing the App its icon looks like this:



1.2 Login



Settings button will open Settings screen on touch.

Username must be entered. Default the remembered username is shown.

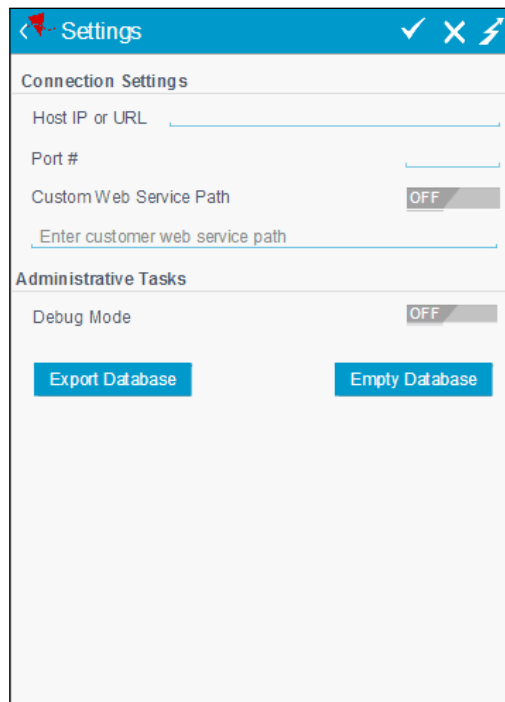
The user must be setup in ABSolute as a web user.

Password: must be entered. Default the remembered password is shown (hidden). If one of these fields is empty display short notification with "Please enter username and password".

Login button: will allow user to proceed to customer screen

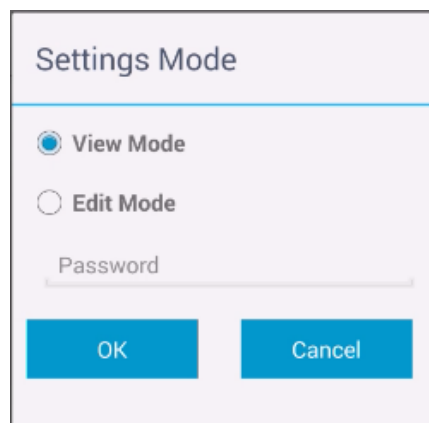
Remember me checkbox: This checkbox is dependent of the value for LAALLOWREMEMBERCREDENTIALS system setting. When set to 'Y' then the checkbox is visible. Else not visible. When visible, checked by default. If a user is at first log in and he chooses to check the Remember me checkbox, then it will not be necessary to enter the credentials again. On first log in it will not have the checkbox available. Only after first download it will be available.

Settings



The settings screen will be opened from the login screen. In case no communication has taken place with the server then the setting screen will open without any password.

Once communication has taken place the system setting PDASETTINGSPASSWORD has been loaded in the configuration table and will need to be entered in the following popup:



The default radio button is View mode.

View mode:

In view mode all fields are disabled, so not editable. The buttons Export Database and Empty database are inactive. The save and cancel toolbar buttons are not visible.

There is one exception: the test-connection button is active in view mode.

Edit mode:

All fields and buttons are active



Save

This toolbar button is only active when all required fields are entered. (Host IP, Port#)

Test Connection

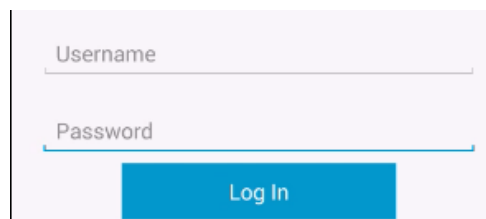
This button is only active when the settings are already stored. The purpose is to test if a connection with the web service can be made and if the web service can connect to the application server.

This will be helpful checking the installation of the web services and the configuration of the PDA.

There are 2 situations:

- a) The user already logged on and stored his credentials.
- b) No credentials stored (yet).

In the second case a popup message will be shown to enter the username and password:



A short popup message is given if the connections test as successful or not.

e.g.



If not, it should become clear from the message if the connection to the web service was unsuccessful or that there was a problem with the connection from the web service to the application server.

Export Database

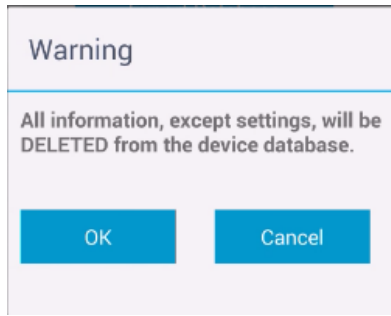
This button will export the database to the downloads folder. When done it will give a popup message that will display the folder name and filename of the database dump.

The file name needs to include: Application name and version, laundry code and creation timestamp. For example: LinenAssistant_v1_00_XXX_20140331_130459

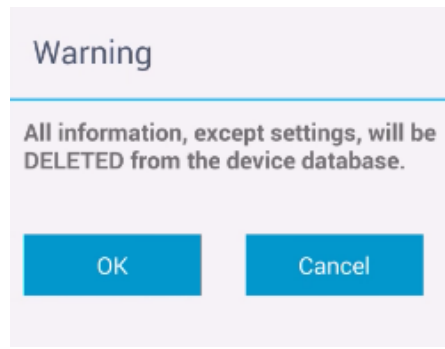
Empty Database

When pressing this button, a check is done if there is any transaction that has not yet be exported, other than the 'start route' transaction.

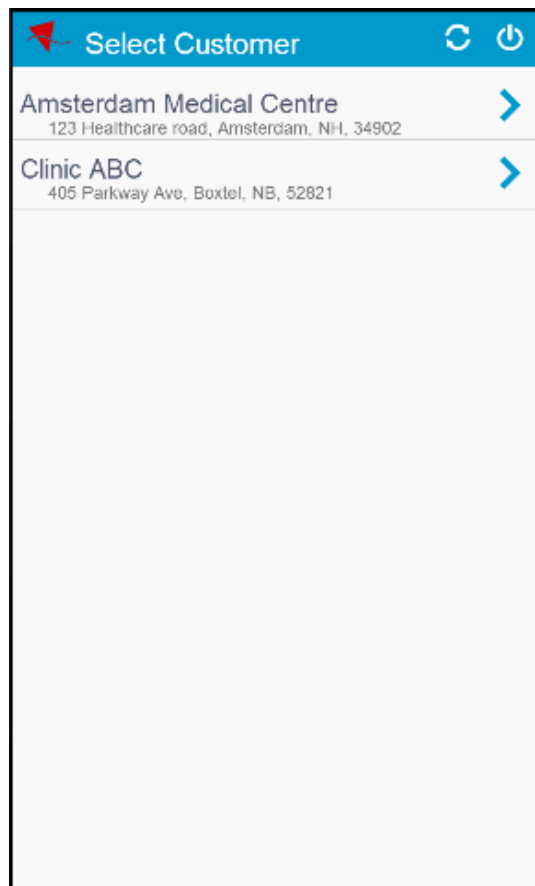
If there is at least one, then the following popup is shown:



Else the following popup is shown:



1.3 Customer



This screen will show all customers the web user as access to.

Selecting a customer will advance to the next screen.

Depending on the setup of the customer the 'Select Action' screen or the 'Choose Sync Action' screen will be shown.

The 'Select Action' screen has 3 options: Inventory, Stock count/Order and Allocate.

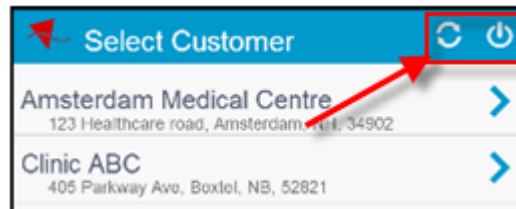
If there is only *one* action out of the possible 3 actions that is allowed for the selected customer, then the 'Select Action' screen will be skipped. In this case the 'Choose Sync Action' screen will be shown.

Refresh button

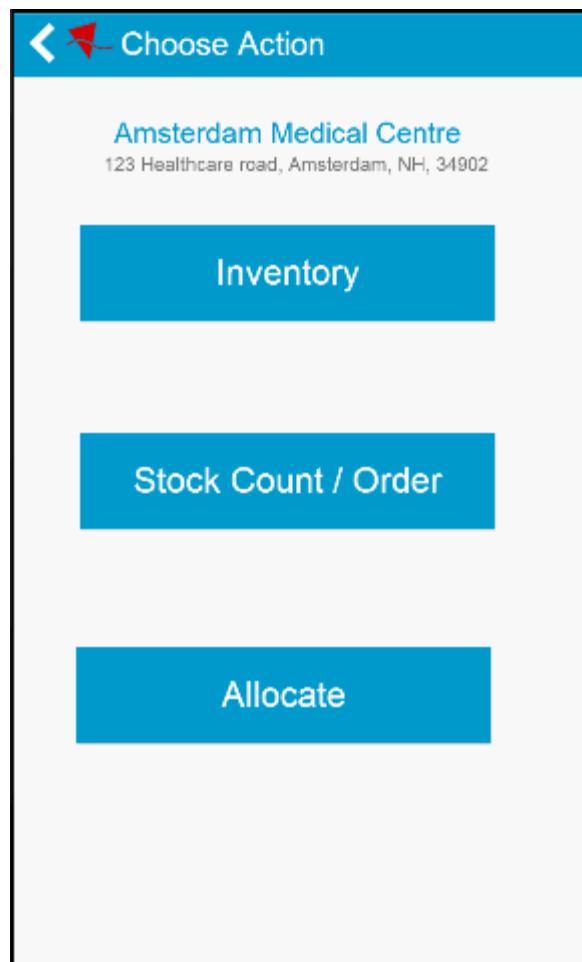
This will require a connection to the server and will refresh the web user data, for example which customers and departments the web user can access.

Log off button

Log off button logs off and returns to the login screen.

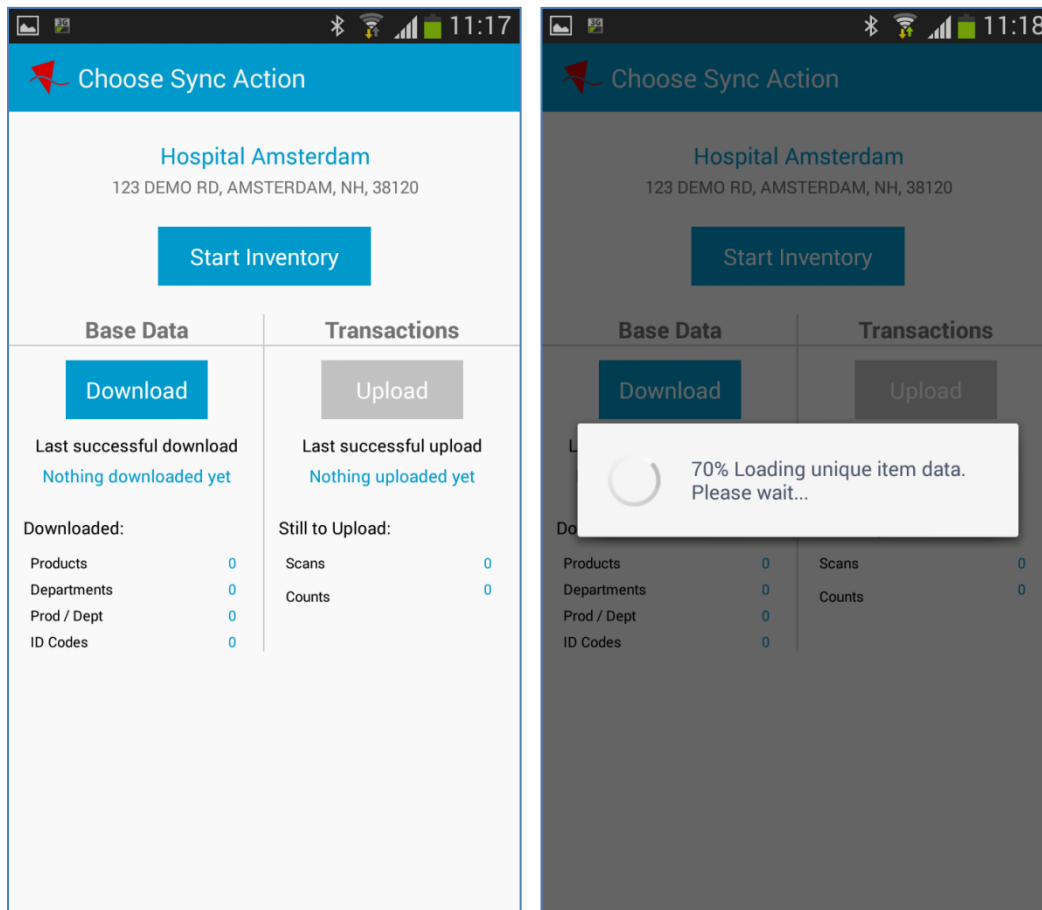


1.4 Choose Action



This screen shows max 3 buttons for the actions that are allowed for the customer. Not for every customer all actions are allowed. In case an action is not allowed then that button is not visible.

1.5 Select Sync Action Screen



This screen is to download based data from the server and upload transactions recorded at the device.

Buttons

Start Inventory

When pressing the 'Start Inventory' button the system checks if base data was downloaded at the current date. If so, it will open the next screen. If not, it will give the message 'Please download fresh base data first'

Download

When hitting the 'Download' button the system checks if there are any scan or count transactions to be uploaded. If so then it will give the message 'Please upload transactions first'.

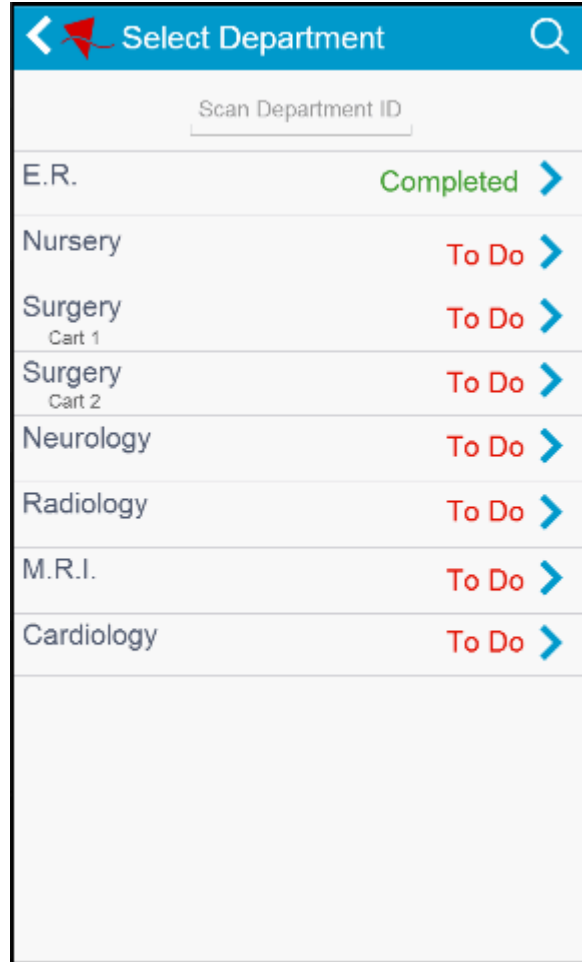
If not, it will make a connection to the server and start downloading fresh base data. With that all old base data will be overwritten.

Upload

The upload button is only active if there are any transactions still to be uploaded.

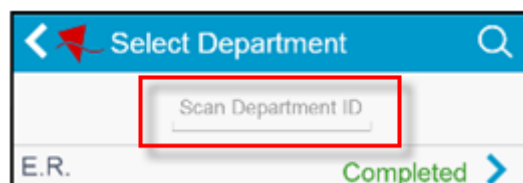
When pressed it will make a connection to the server transfer all transactions to the *ABSolute* server. The transactions will be processed immediately by the server.

Select Department



Scan Department ID field

This input field can be used to scan the department ID barcode. A keyboard wedge scanner is assumed that is configured with the <CR> or <CR><LF> postamble. When a valid code is scanned the next screen (products screen) is opened for the scanned consumption point.



Search button

Via the search button in the toolbar, the toolbar and title will be replaced with a search bar.

Searching will be done both on description and on code of both the department and the consumption point.



Department List

The departments that are shown are only those the web user has access to. As extra filter only departments and consumption points are shown that have at least one product defined in consumption point logistics that is setup for on-site inventory count in product list per customer.

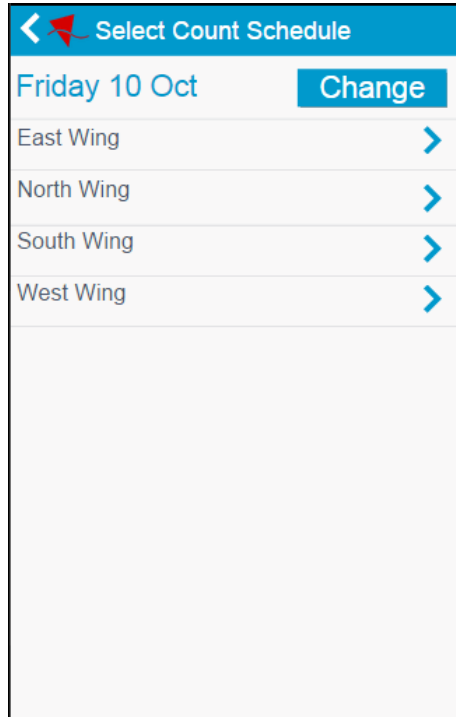


Status

The status can have 3 values: 'To Do', 'In Progress' and 'Done'. Changes from 'To Do' to 'Done', when all products for that consumption point are scanned or counted. When some but not all products defined for a consumption point are scanned or counted the status will be 'In Progress'. The status will be reset to 'To Do' the next day.

2 Stock Count / Ordering

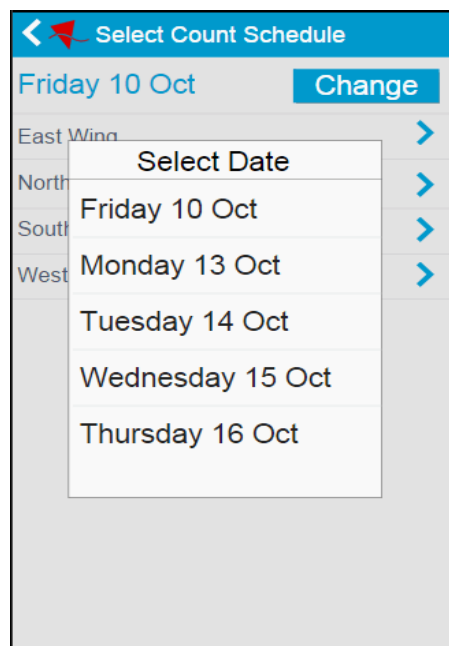
2.1 Select Count Schedule



Change

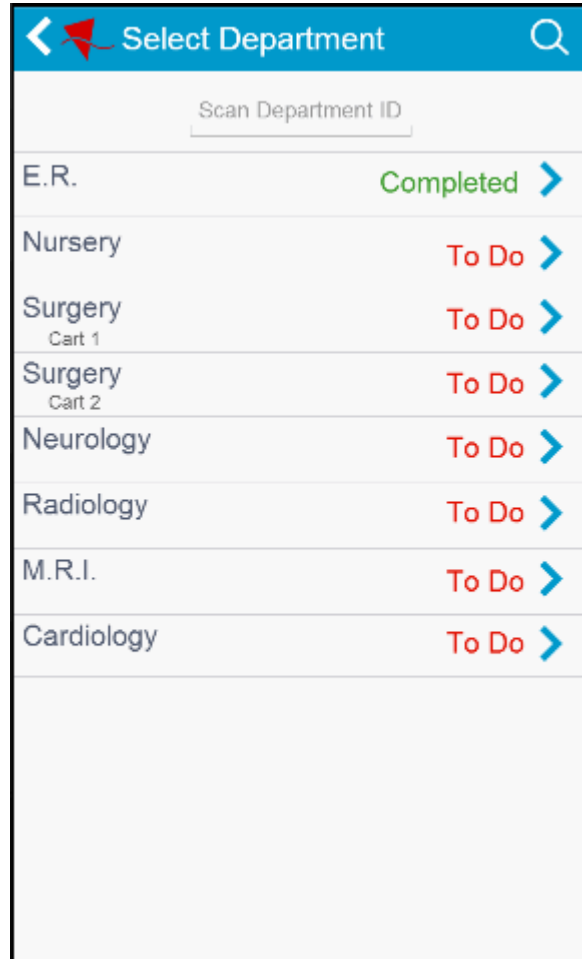
This button is for selecting another date. A popup will appear with possible dates only the count days that are setup for this customer are shown.

A date is only shown when at least one stock count schedule of the selected customer with replenishment type 0 has a Y for that day of week. The number of days to choose from can be any number from 1 to 7.



When selecting a count schedule, the stock count version of the department screen is shown.

2.2 Department (stock count)

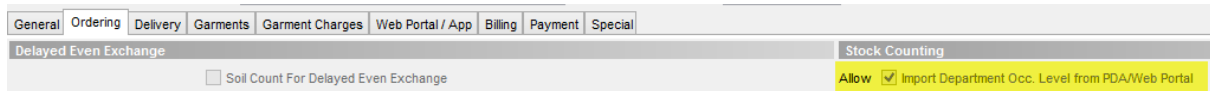


The layout of the select department dialog for stock counting is the same as the select department dialog for inventory. However, there are 5 differences:

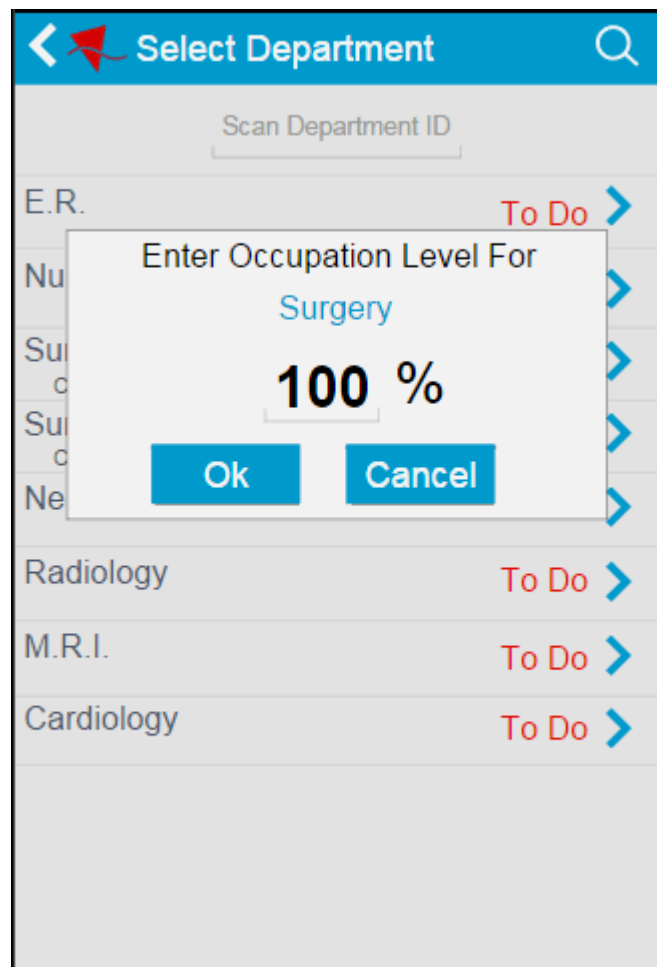
- 1) Only departments are shown that are defined for the selected replenishment schedule
 - 2) Sorting of the rows in the grid is on count sequence instead of on name
- Scan department ID filters also on replenishment schedule department table.
- When a department is scanned that is not defined for the selected replenishment schedule a message is given.
- 4) Selecting a consumption point will go to the products screen for stock count/ordering
Before going there, it a popup for entering the department occupation level, might show up.
This depends on several conditions, described in next paragraph.
 - 5) Back button will go back to replenishment schedule selection

2.3 Enter Department Occupation Level (stock count)

The popup for entering department occupation level is shown only when
- column Customer. RecordOccupancyYN = Y AND



- Selected date is current date



The popup will show the department description

If an occupation level exists in ABSolute this will be shown as default value.

If none exists, then by default show 100. Allowed values: 0-100 (3 digits) (cannot exceed 100%)

Cancel button: will close the popup and remain in the department selection screen.

Ok button: will store the Occupation Level in ABSolute.

Note: because the grid is on consumption point level, for each consumption point of a department the popup will be shown.

2.4 Products (stock count)

Scan and Count Products		
Nursery		
Cart 1		Friday 10 Oct
Sheet King Size	Scan	18
Fitted Sheet Standard Size	Count	>
Pillowcase 90x90	Order	+6 >
Washcloth Size Desc	Count	25 >
Bath Towel White 24x48	Scan	27

This screen will display the products that were scanned and counted for the selected consumption point. The to be counted products (column IsUniquelyCodeYN=N) are marked with a > icon.

Fitted Sheet Standard Size	Count	>
-------------------------------	-------	---

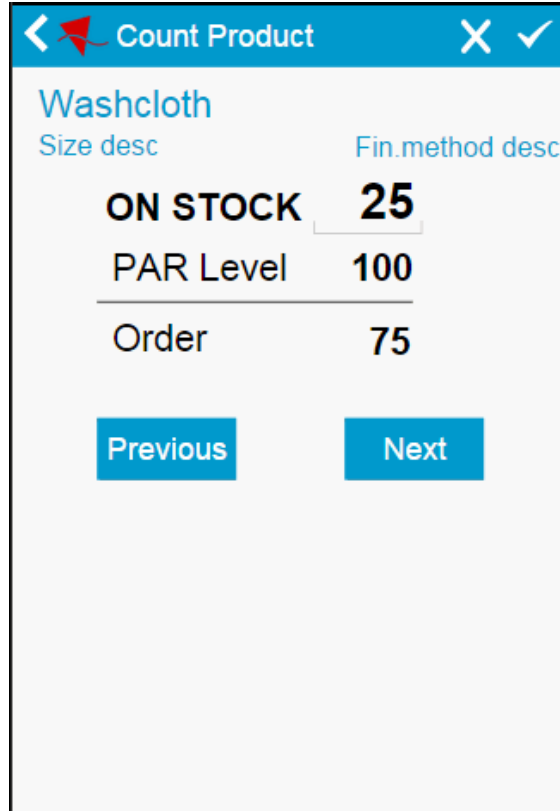
In case setting 'Scan Multi Read UHF' is OFF then all products have the > icon.

Each product will have an indicator on what the user should do: scan, count or order:

If in the consumption point the order method is order then show 'Order'. If the customer product is set to uniquely coded and Scan Multi Read is ON then it will show 'Scan' else show 'Count'

Washcloth Size Desc	Count	25 >
Bath Towel White 24x48	Scan	27

2.5 Count Product (stock count)



Size desc	Fin.method desc
ON STOCK	25
PAR Level	100
Order	75

Previous Next

On Stock:

Max 4 digits

If setting (from settings - preferences screen) 'Negative Stock Quantities Allowed' = ON only then allow entering a minus sign.

Redisplay:

If setting (from settings - preferences screen) 'Show norm stock level' = ON, then show under the entered stock qty norm stock qty from local query above and the difference between them using the following formula: $Order = PAR\ Level - ON\ STOCK$. Note that on stock can be negative in that case order qty is higher than PAR level. (PAR level is a different name for norm stock level)

Save

Will insert or update a count transaction record and return to the product screen.

Cancel

Will discard the change and return to the previous screen

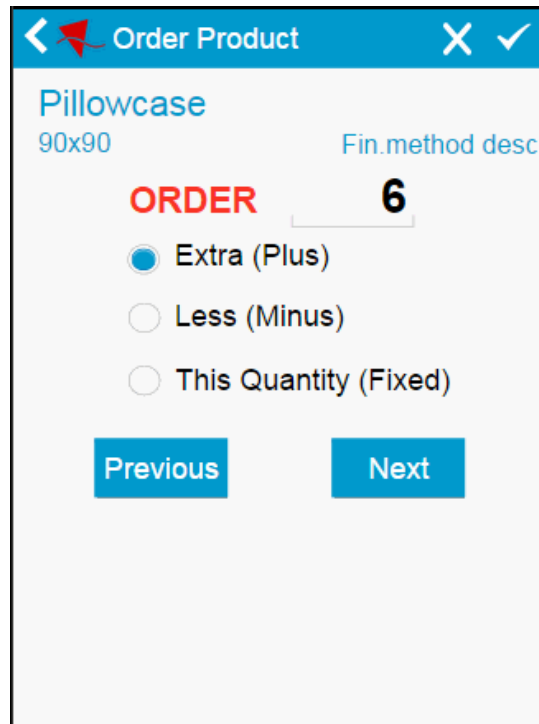
Previous

Will show the previous, to be counted or to be ordered product for the selected consumption point and store the entered quantity, just like save. If this is the first to be counted or to be ordered product, this button is inactive.

Next

Will show the next to be counted or to be ordered product for the selected consumption point and store the entered quantity, just like save. If this is the last to be counted or to be ordered product, this button is inactive.

2.6 Order Product (stock count)



Radio buttons:

Case when setting (from settings - preferences screen) 'Order Choice extra/less vs This Qty'

- 1 (Do not show - always Extra / Less) then do not show radio buttons allow negative in this case
- 2 (Do not show - always Entered Qty) then do not show radio buttons
- 3 (Show - default Extra / Less) then show radio buttons Extra and Less, With Extra default selected
- 4 (Show - default Entered Qty) then show radio buttons This Qty default selected

Negative numbers are allowed only when the setting is set to 1.

Save

Will insert or update a count transaction record and return to the product screen.

Cancel

Will discard the change and return to the previous screen

Previous

Will show the previously ordered or to be counted product for the selected consumption point and store the entered quantity, just like save. If this is the first to be ordered or to be counted product, this button is inactive.

Next

Will show the next to be ordered or to be counted product for the selected consumption point and store the entered quantity, just like save. If this is the last to be ordered or to be counted product, this button is inactive.

3 Setup WEB Portal / Linen Assistant Android in ABSolute

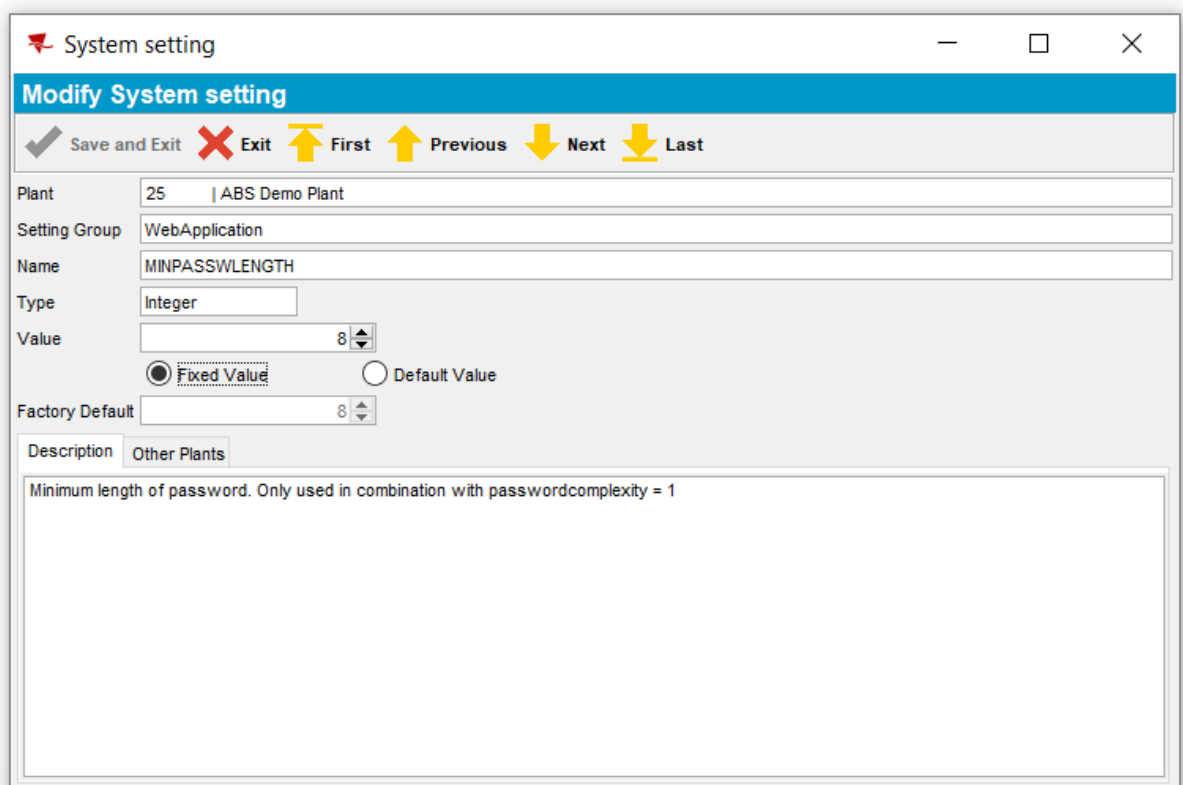
3.1 System settings

This chapter explains what system settings exist in the ABSolute-application connected with the web-application. These system settings make it possible to use the web-application in the correct way. The settings that are explained here must be checked and changed by the system administrator of the ABSolute-application.

NOTE: Here only the most important system settings for web-usage are explained. There are more settings under setting group 'WebApplication'. Use the description in the ABSolute-application itself, to decide for each system setting if you need to change them or not.

3.2 Minimum Password length

When a person wants to use the web-application, he/she has to login first by entering a username and password. To ensure maximum security the minimum length of the password can be set here. This length will then be used when entering the passwords for the web-users. The maintenance of web-users will be explained in the following chapter in this manual.

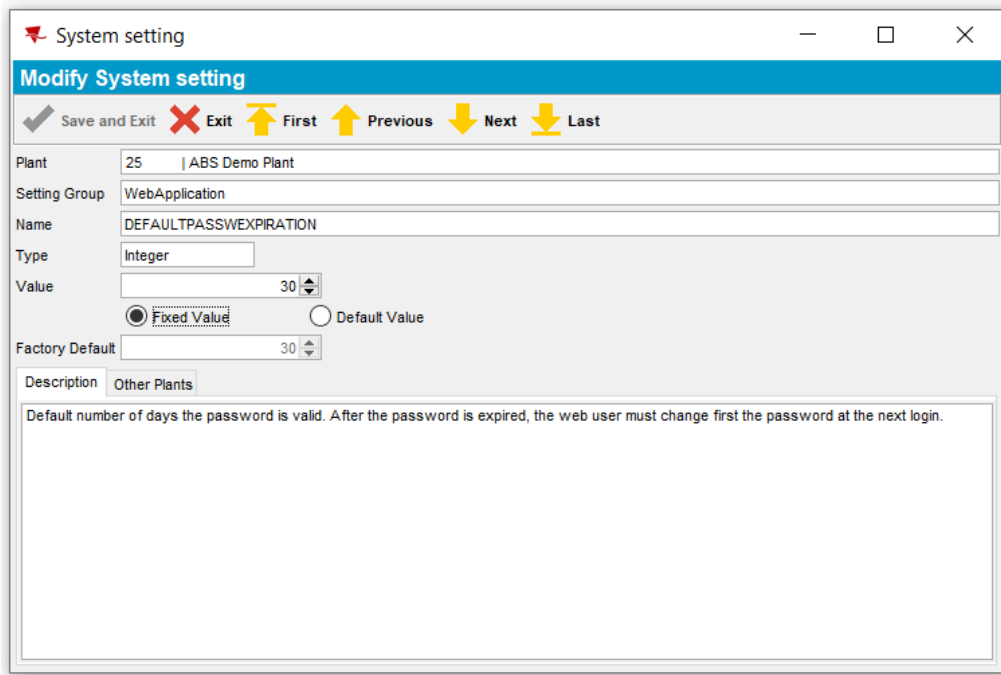


The screenshot shows a window titled 'System setting' with a blue header 'Modify System setting'. Below the header are navigation buttons: 'Save and Exit' (checkmark), 'Exit' (red X), 'First' (yellow up arrow), 'Previous' (yellow up arrow), 'Next' (yellow down arrow), and 'Last' (yellow down arrow). The form fields are as follows:

- Plant: 25 | ABS Demo Plant
- Setting Group: WebApplication
- Name: MINPASSWLENGTH
- Type: Integer
- Value: 8 (with up/down arrows)
- Radio buttons: Fixed Value, Default Value
- Factory Default: 8 (with up/down arrows)
- Description: Other Plants
- Description text: Minimum length of password. Only used in combination with passwordcomplexity = 1

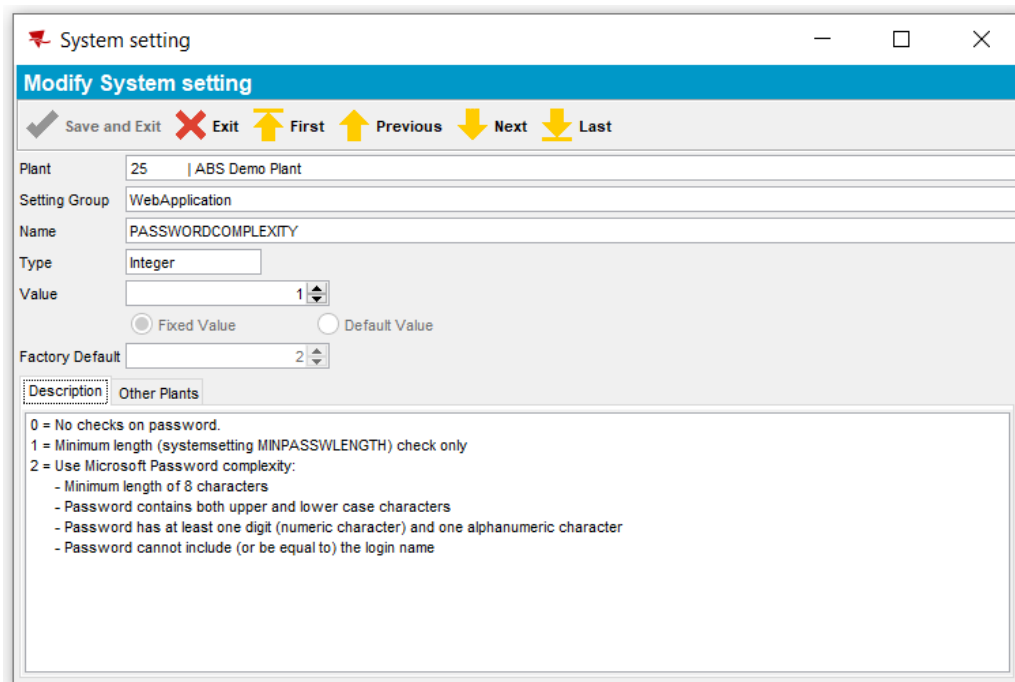
3.3 Password expiry management

This setting is to force a web-user to enter a new password after a certain period that can be entered in days.



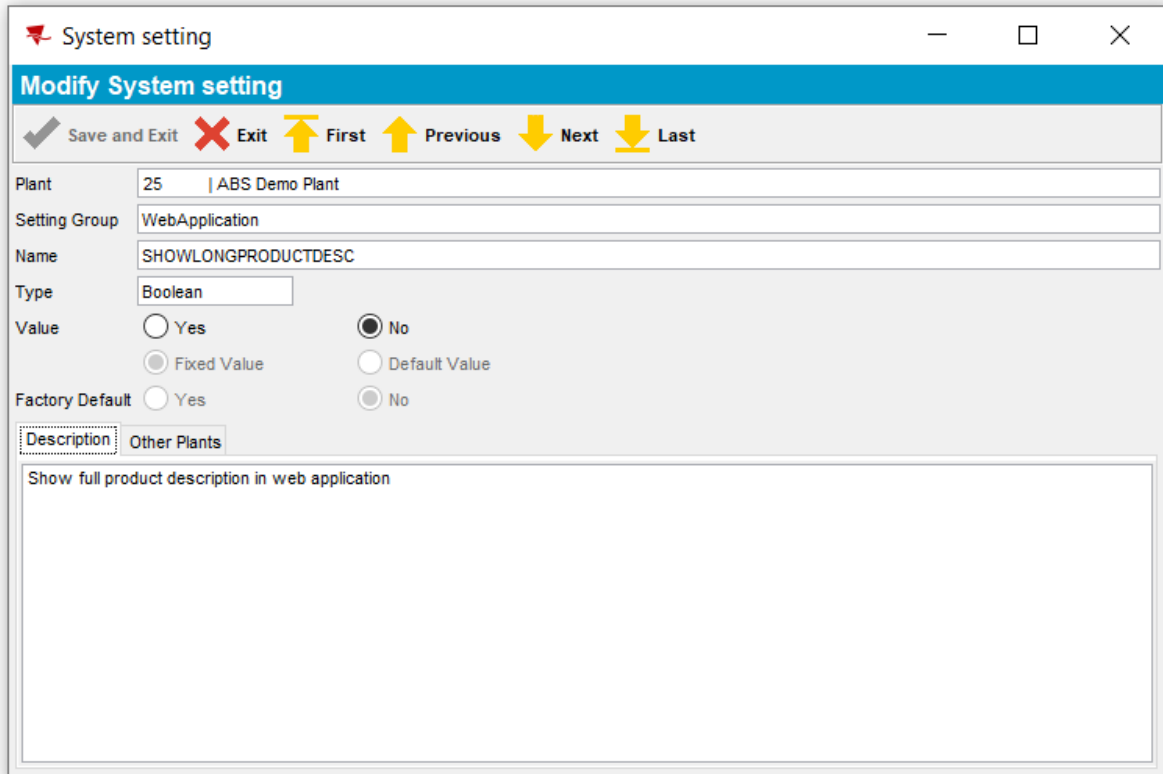
3.4 Password complexity

This setting is to use the password complexity. This is a way to ensure passwords are used by the web-user that is not easy to guess.



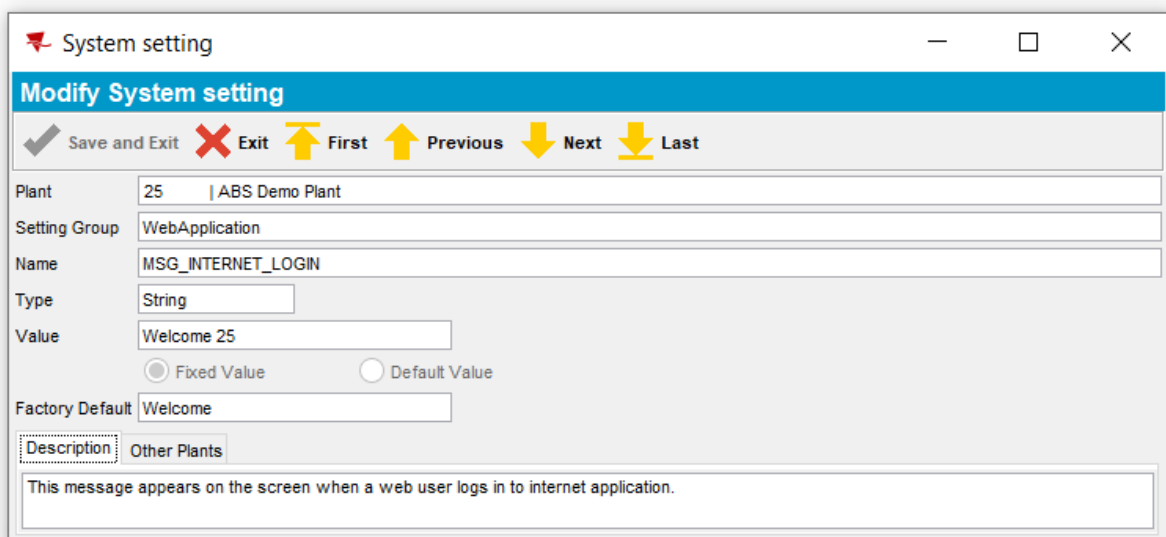
3.5 Show product long description

This setting enables the use of long product descriptions in the web application. It set to 'Yes' it will show long product descriptions, if set to 'No' it will show short product descriptions.



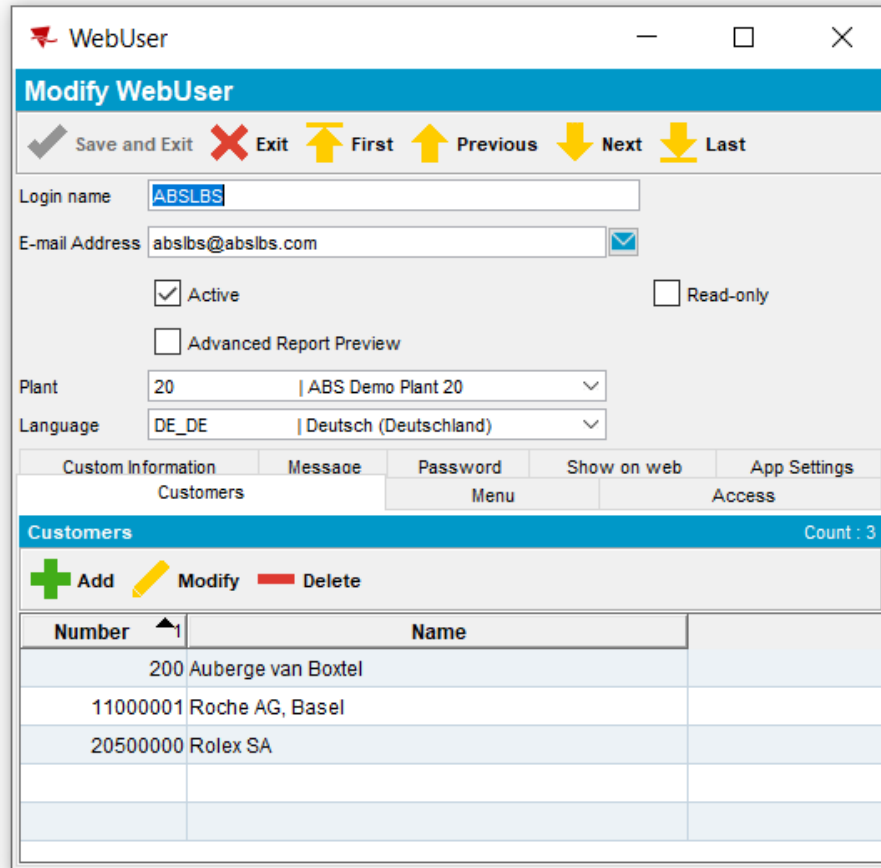
3.6 Message during Internet login

This setting can be used to enter a welcome-message that will be shown when the web-user logs in to the Web Portal application.



4 Web Users for Communication

This chapter explains the maintenance of web users. For each web user - that is going to use the web application – the login name and password must be entered. Also for each web user additional information can be entered. This is explained here.



Field	Description
Login name	The login name is the name used when the web-user is logging in to the web-application. Also a password must be entered when logging-in. The password can be entered in tab-page Password.
E-mail address	The e-mail-address of the web-user.
Active	This setting enables/disables the user.
Read-only	If the user is only allowed to look at the information in the web-application, without the option to make changes, then mark this option. If not marked, then the user can make changes.
Advanced Report Preview	When this is marked, it makes it possible to have a preview for reports.
Plant	The plant indicates what information the user has access to. Only customers belonging to this plant must be connected to the user. Tab-page Customers is used to indicate the

	customer(s) that should be shown in the web-application for this user.
Language	This indicates the language used in the web-application for this user. This applies to the interface-language and the foreign-descriptions as used in the ABSolute-application, like product-descriptions.

4.1 (In) active web users

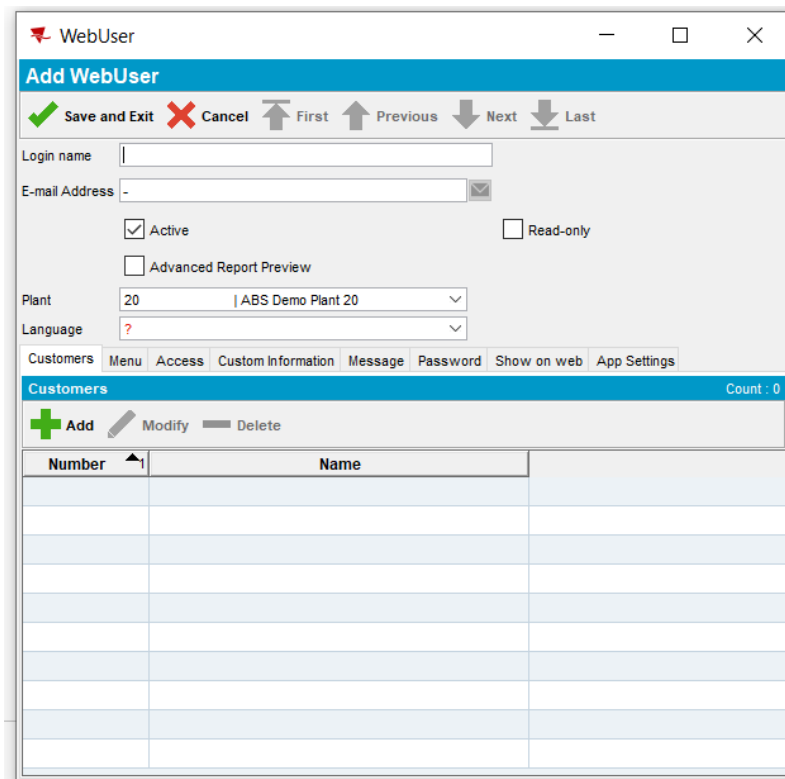
To enable/disable web users use the Active checkbox. Only when this is set to 'active', the web user can have access to the web-application.

4.2 Read only access

When a user can only look at the information that is accessible in the web-application, then the read only-checkbox must be marked. This can be usable for managers that only want to look at the information but are not allowed to change it.

4.3 Access to customers / departments

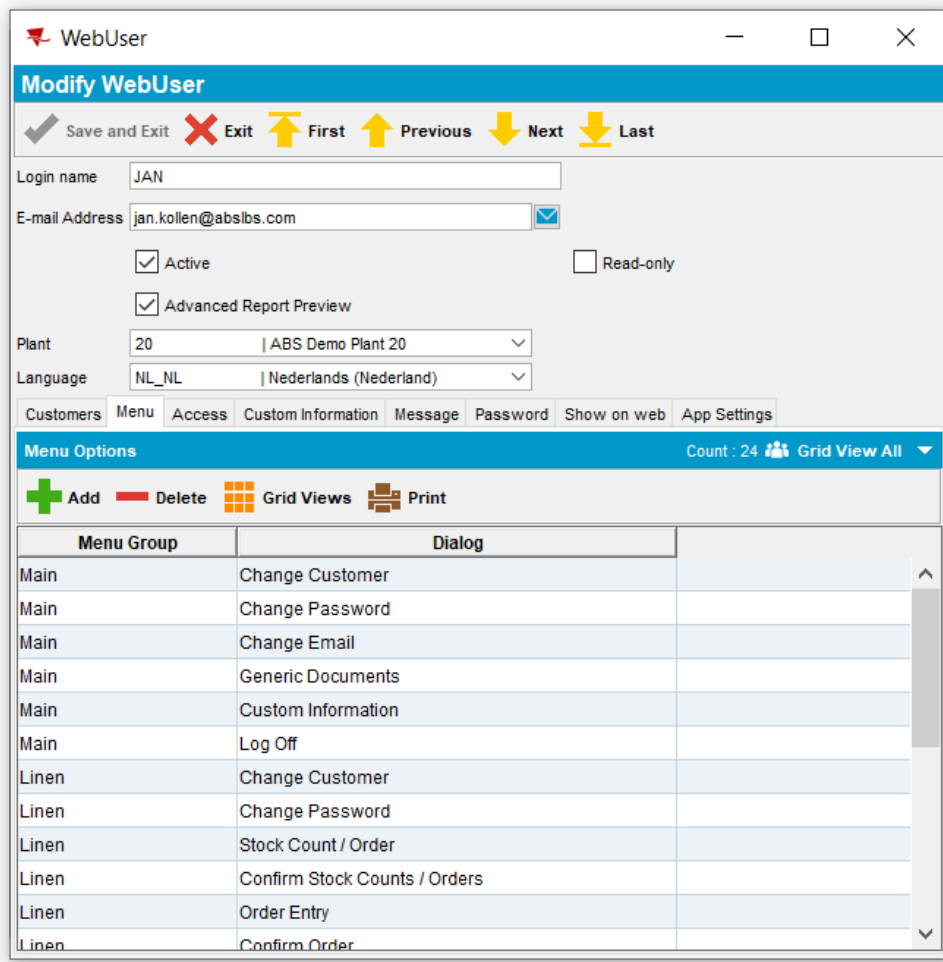
To have access to specific customers and departments, tab-page customer can be used to maintain this information. For each customer it is possible to enter one or more departments that should be shown for the user in the web-application. In most cases a web-user is responsible for one or more departments of the customer. By entering only those departments for the web-user, it makes it easier to use the web-application. In that way the web-user only sees the departments he/she is responsible for, and cannot make mistakes by choosing the wrong department.



Field	Description
Customer	The customer that the user has access to.
All departments	When marking this option, it is possible to have access to all departments of the customer in the web-application.
Department tab	Here the departments (of the customer) can be added that should be shown in the web-application. It is recommended to only select the departments where the web-user is responsible for.

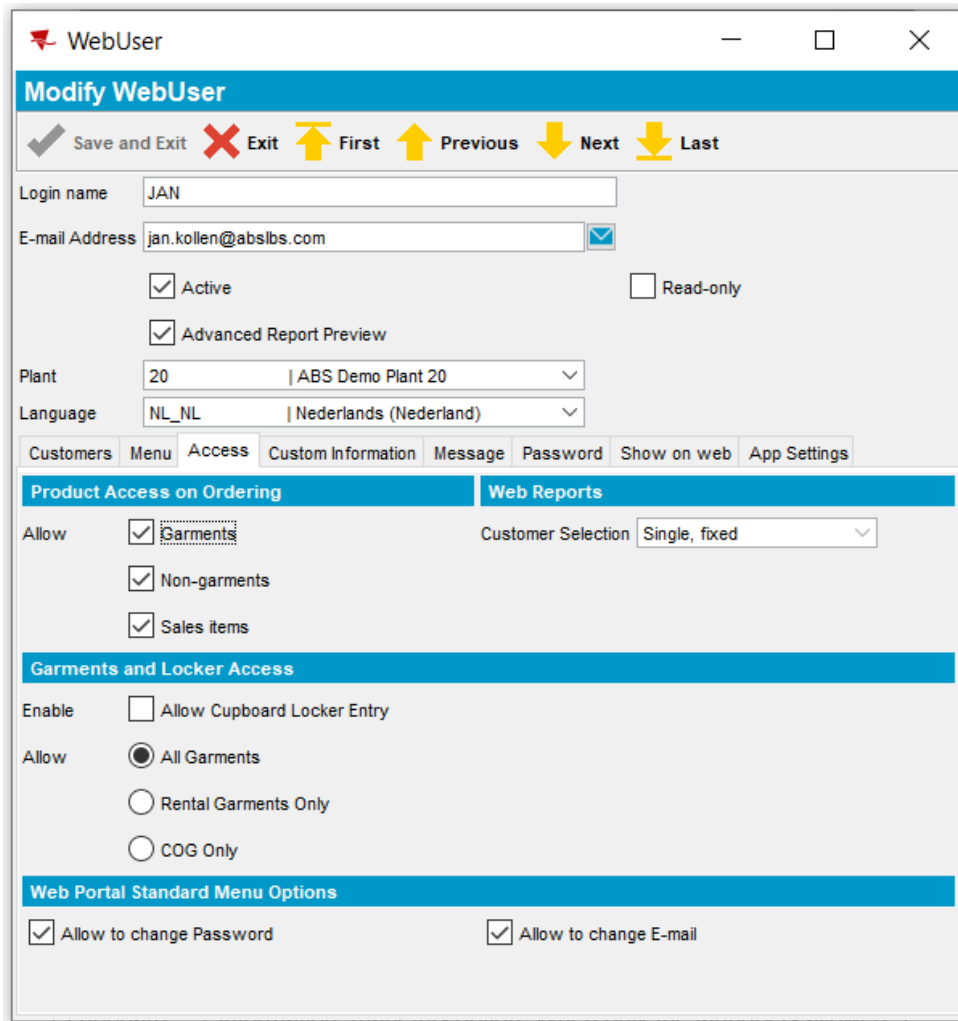
4.4 Menu

To define what menu/options are shown in the web application, use tab-page Menu. This allows to add (or remove) certain menu-options that should (or should not) appear in the web application. There are menu-options for 'Linen', 'Garments' and 'Residential services'. For example, it is possible to show only menu-options needed for 'Linen'.



4.5 Access

Using Access, it is possible to make a distinction in what to show in the web-application per web-user for Ordering. For example, it is possible to show only 'rental garments' and no COG-garments.



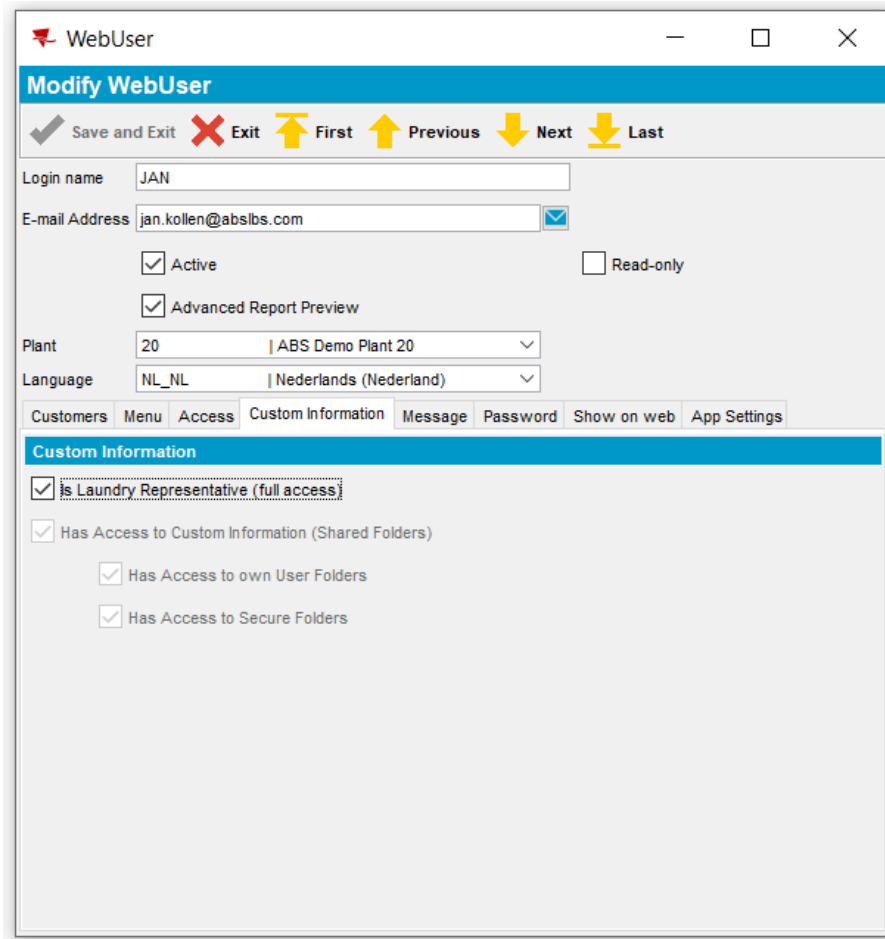
Field	Description
Garments	Currently it is only possible to show and maintain Garments using the web-application. Later it will be possible to also show/maintain non-garments and residential services-garments.
Allow cupboard Locker entry	When the web-user can enter cupboard-locker related information, mark this option. When only the laundry can make changes, then unmark this option.
All garments	To be able to show all garments (Rental garments + COG) in the web-application, then mark this option.
Rental garments only	If only rental garments should be shown in the web-application, then mark this option.
COG only	If only COG (Customer Owned) garments should be shown in the web-application, then mark this option.

4.6 Custom Information

Use Custom Information to indicate if the web user is a laundry representative, which allows full access; this means that this web user can see all info of all web users under a customer and will also see the name of the web user folders. If this is not marked, then it is possible to give access to only 'user folders' or 'secure folders', or both.

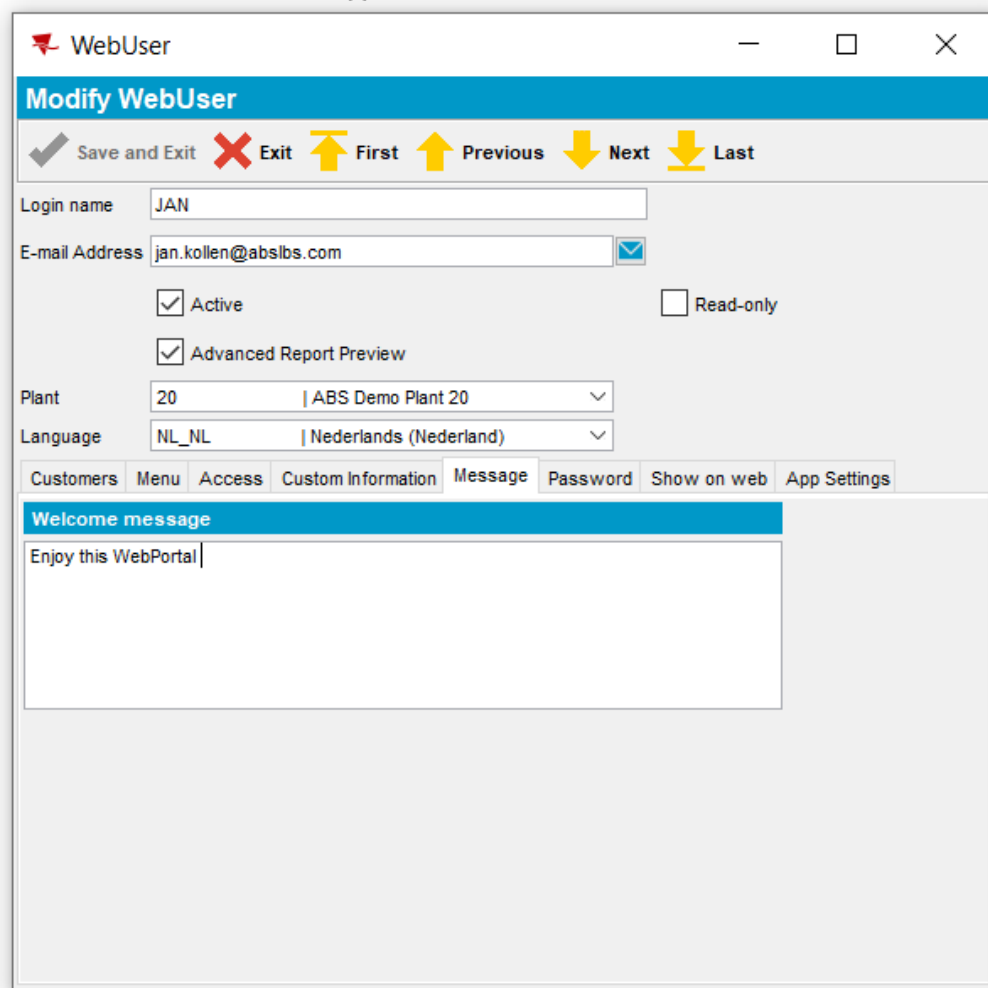
Access to own user folder: User has only access to the folder that is assigned on user-level. This means only local user-folders can be accessed. All other folders cannot be accessed.

Access to secure folders: This means access is allowed also to secure folders (and/or network-folders).



4.7 Welcome message

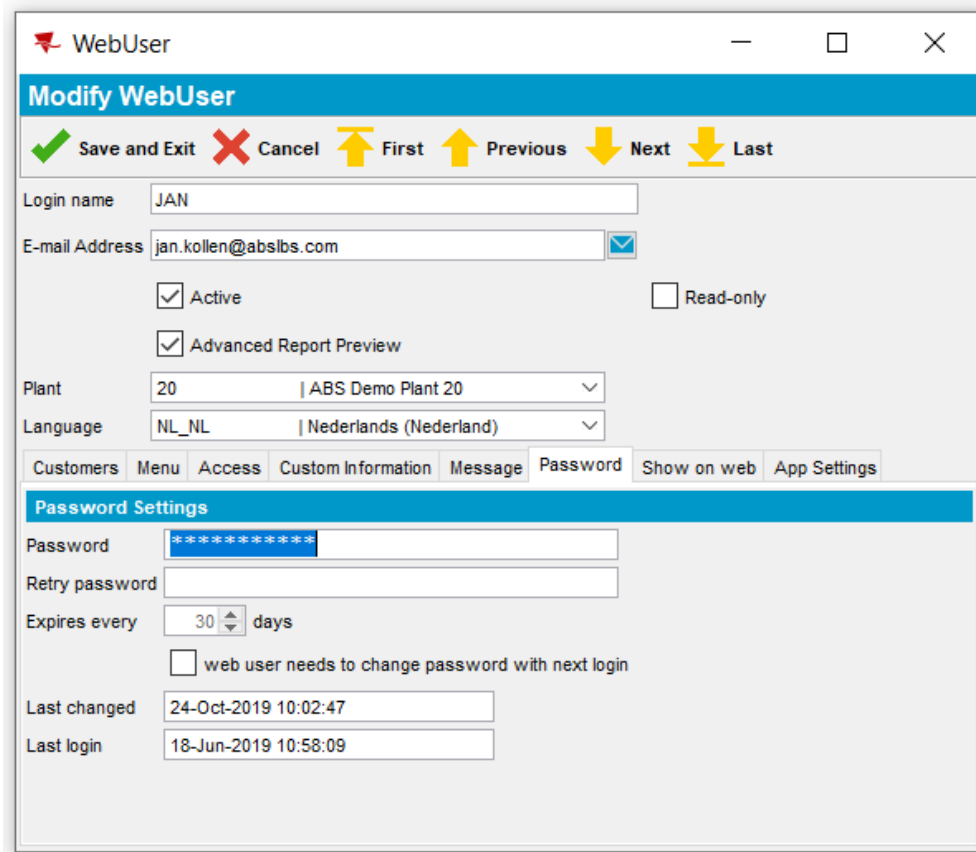
When a user starts the web-application, it is possible to show a welcome message. This is a text that will be in the web-application.



Field	Description
Welcome message	Enter a welcome message for the web-user.

4.8 Password maintenance

Here the password can be entered and maintained for the web-user. It is recommended to use a complex password for maximum security. See the chapter about system settings for related password-settings.

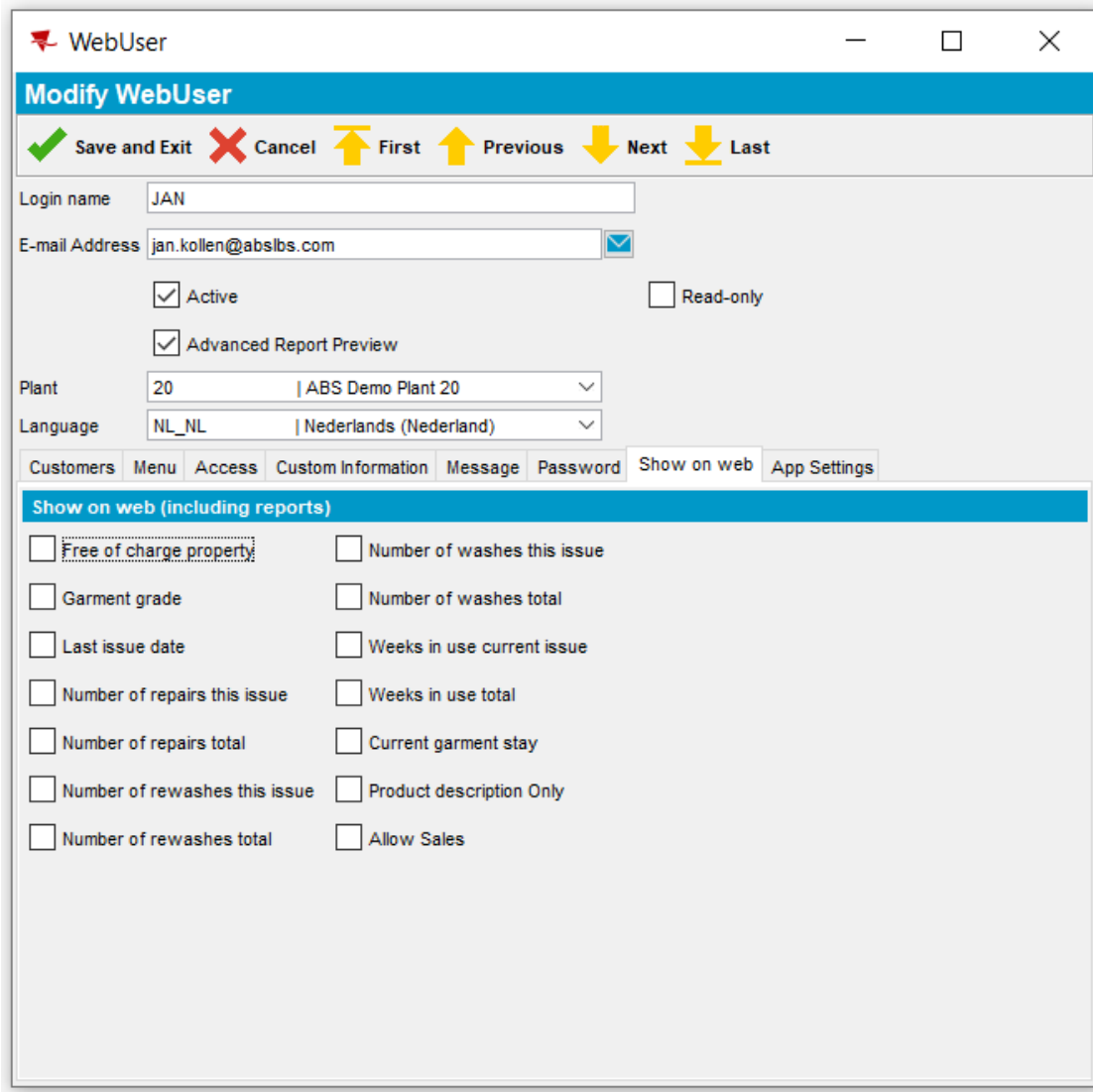


The screenshot shows a 'WebUser' window titled 'Modify WebUser'. At the top, there are navigation buttons: 'Save and Exit' (green checkmark), 'Cancel' (red X), 'First' (yellow up arrow), 'Previous' (yellow left arrow), 'Next' (yellow right arrow), and 'Last' (yellow down arrow). Below these are input fields for 'Login name' (JAN) and 'E-mail Address' (jan.kollen@abslbs.com). There are checkboxes for 'Active' (checked), 'Read-only' (unchecked), and 'Advanced Report Preview' (checked). Below these are dropdown menus for 'Plant' (20 | ABS Demo Plant 20) and 'Language' (NL_NL | Nederlands (Nederland)). A tabbed interface at the bottom shows 'Password' selected, with other tabs including 'Customers', 'Menu', 'Access', 'Custom Information', 'Message', 'Show on web', and 'App Settings'. The 'Password Settings' section includes a 'Password' field (masked with asterisks), a 'Retry password' field, an 'Expires every' dropdown set to 30 days, a checkbox for 'web user needs to change password with next login' (unchecked), and two read-only date fields: 'Last changed' (24-Oct-2019 10:02:47) and 'Last login' (18-Jun-2019 10:58:09).

Field	Description
Password	Enter the password here.
Retry password	The entered password must be retyped here to ensure you have entered the correct password.
Expires every	The number of days the password will expire and the web-user has to enter a new password. This relates to a system setting. See the chapter about system settings.
Web user needs to change password with next login	Mark this option when a web-user must change his/her password the next time of logging in.
Last changed	This shows the last time the password was changed.
Last login	This shows the last time the web-user has logged in.

4.9 Show on WEB

Here options/reports can be marked that should be shown/used in the web-application for this web-user. For example, if type of garments is 'rent garments only', then report 'Allow sales' can be left out. Or when 'repairs' are not registered then it is not needed to show this information.



WebUser

Modify WebUser

Save and Exit
 Cancel

Login name:

E-mail Address:

Active
 Read-only

Advanced Report Preview

Plant: |

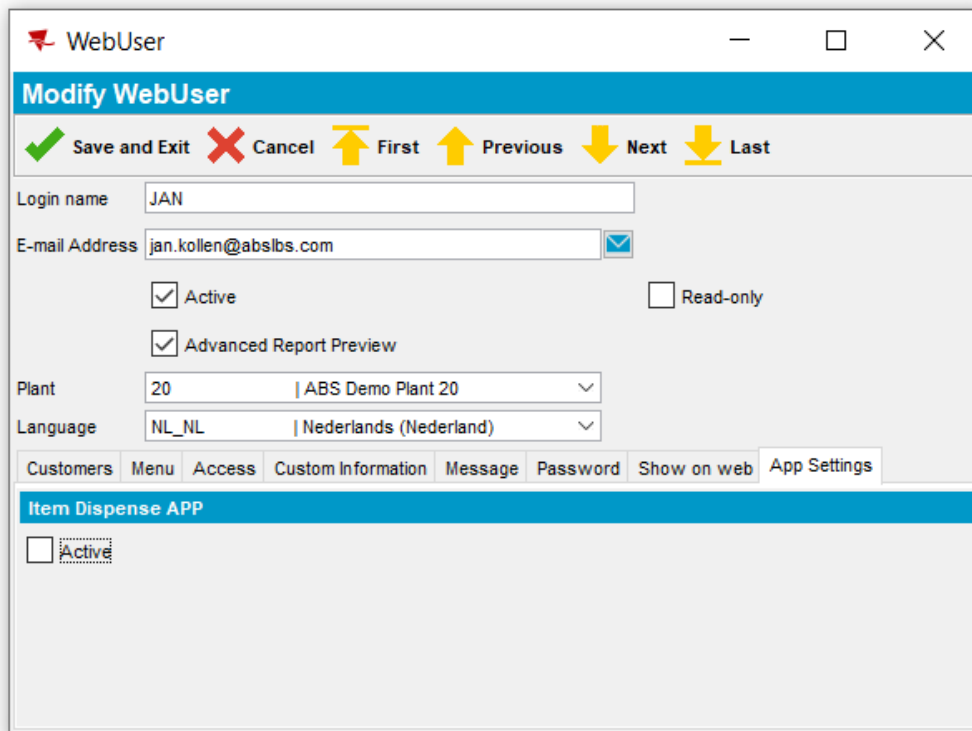
Language: |

Show on web (including reports)

<input type="checkbox"/> Free of charge property	<input type="checkbox"/> Number of washes this issue
<input type="checkbox"/> Garment grade	<input type="checkbox"/> Number of washes total
<input type="checkbox"/> Last issue date	<input type="checkbox"/> Weeks in use current issue
<input type="checkbox"/> Number of repairs this issue	<input type="checkbox"/> Weeks in use total
<input type="checkbox"/> Number of repairs total	<input type="checkbox"/> Current garment stay
<input type="checkbox"/> Number of rewashes this issue	<input type="checkbox"/> Product description Only
<input type="checkbox"/> Number of rewashes total	<input type="checkbox"/> Allow Sales

4.10 App Settings

Here can be chosen whether the Item Dispense APP shall be active or inactive



The screenshot shows a web browser window titled "WebUser" with a "Modify WebUser" header. Below the header is a navigation bar with buttons: "Save and Exit" (green checkmark), "Cancel" (red X), "First" (yellow up arrow), "Previous" (yellow up arrow), "Next" (yellow down arrow), and "Last" (yellow down arrow). The form contains the following fields:

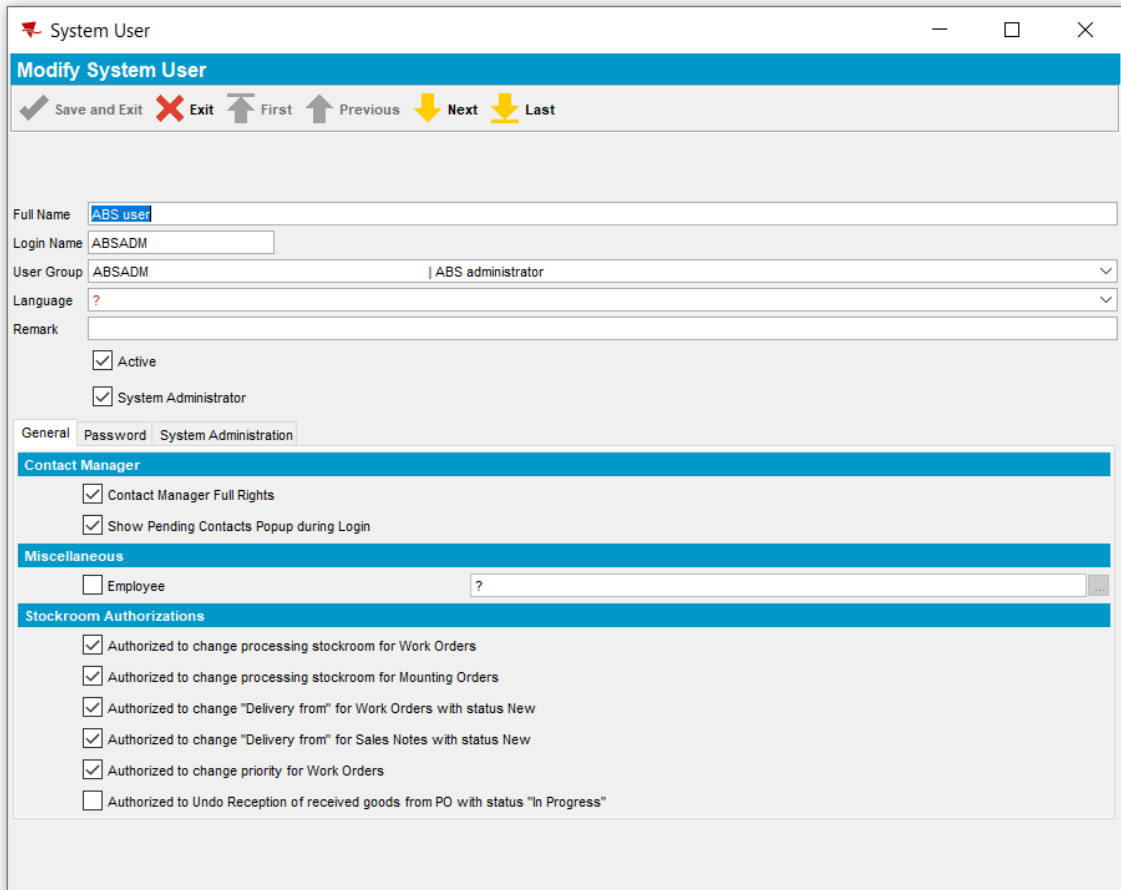
- Login name: JAN
- E-mail Address: jan.kollen@abslbs.com
- Active: (checked)
- Read-only: (unchecked)
- Advanced Report Preview: (checked)
- Plant: 20 | ABS Demo Plant 20
- Language: NL_NL | Nederlands (Nederland)

At the bottom, there is a tabbed interface with the following tabs: Customers, Menu, Access, Custom Information, Message, Password, Show on web, and App Settings. The "App Settings" tab is selected, showing a section titled "Item Dispense APP" with a checkbox for "Active" which is currently unchecked.

5 Sys User & Workstation for login WEB / Linen Assistant

5.1 System User

To be able to communicate between ABSolute and the Android Device a System User needs to be setup. For the Linen Assistant Android we suggest that you setup the following user:



Field	Description
Full name	Enter WEBAPP
Login Name	Enter WEBAPP
User group	SYSADM
Language	The Language of the Country
Active	Needs to be checked
System Administrator	Need to be checked
Password	Enter WEBAPP
Retype password	Enter WEBAPP

General Password System Administration

Password Settings

Password: [masked] Locked Out

Retype password: [masked] Logged In Now

Expires Every: [0] Days User Need to Change Password with Next Login

History

Last Valid Login: 24-Oct-2019 10:42:50 On Application Server: VM-ASP-TST:50811
On Workstation: 7052191 | BBO-NB

Last Invalid Login: 14-Aug-2009 10:47:49

Password Changed: 09-Jul-2008 23:14:23 Invalid Logins Since Last Change: 0

General Password System Administration

System Administration

Authorized to:

- Debug and maintain application server
- Run incidental scripts and processes
- Manage Licenses

Now, the System User can be saved.

5.2 Workstation

To be able to communicate between ABSolute and the Android Device a Workstation needs to be setup. For the Linen Assistant Android we suggest that you setup the following Workstation:

Workstation

Modify Workstation

Save and Exit Exit First Previous Next Last

Code: WSABSWEB

Description: WSABSWEB

Business Unit: [?]

Settings

Software Settings Hardware Settings Tag Reading Printers Print Settings Label Printers

Time Zone: Europe/Berlin

Plant Department: [?]

Delivery Note: Delivery Note Weighing Multi Reading Miscellaneous Residential

Access Rights

Inquiry Delivery Notes: Not in Past, Today's
 One week back
 All weeks
 All Plant Departments

Allow adding: All Active Products from PLPC
 Outstanding Delivery Variations

Printing

Delivery Note: Print and Process

Print Order Form: Never

Print Container/Box Labels

Allow to copy Delivery Note

Controls

Hide Maintain Packing and Delivery Notes Email Button

Hide Maintain Packing and Delivery Notes Cancel Button

Hide Maintain Packing and Delivery Notes Assion Button

Field	Description
Code	Enter WSABSWEB
Description	Enter WSABSWEB
BU	The default BU if there are more BU's then choose the first one.
Plant department	The default plant department
	For All other fields you can keep this standard it is just important that the department exist

6 Web Portal Menu Definition

Here the Web Portal Menu can be defined. This means a menu-structure can be defined, where options are included/excluded for certain menu's/menu groups.

For example, you can make a Linen-menu group that contains all needed options for Linen-web users. The same can be done for Garments and Residential Services. This means for all users belonging to the same menu-group the menu - shown in the web-application - will be the same.

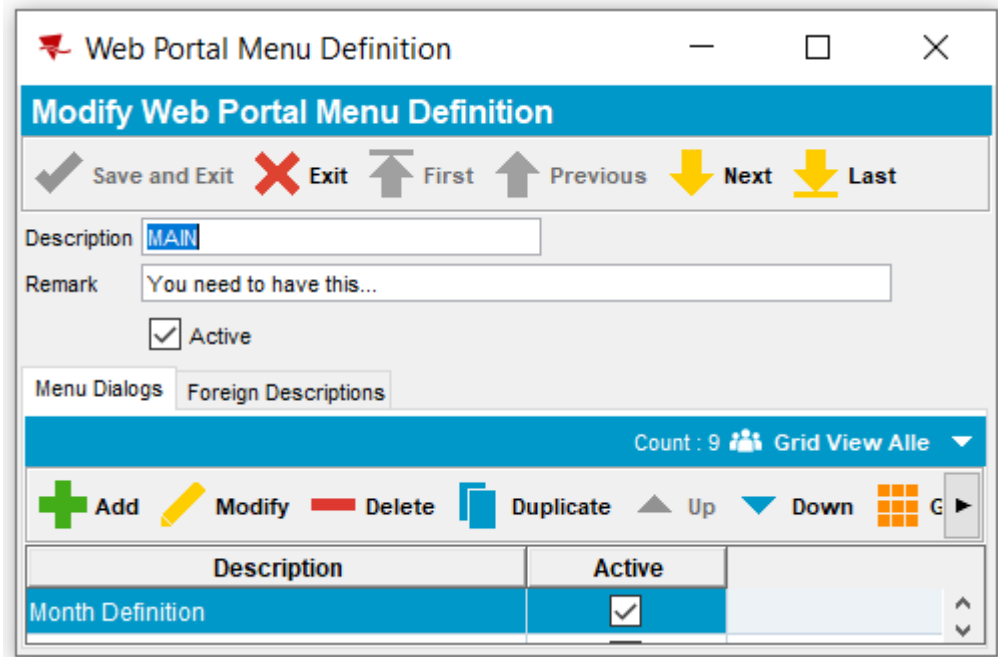
Per web-user you can change the access to certain dialogs shown in the web-application.

First a grid is shown where you can modify the menu definition for the Web Portal. Each row in the grid is about a menu group.

Web Portal Menu Definition			Count : 21	Grid View All
Menu Group	Active	Remark		
MAIN	<input checked="" type="checkbox"/>	You need to have this...		
Linnen	<input checked="" type="checkbox"/>	Linen		
TEST	<input checked="" type="checkbox"/>	Linen Reports		
Garments	<input checked="" type="checkbox"/>	Garments		
Garment reports	<input type="checkbox"/>	Garments Reports		
Cost Information	<input type="checkbox"/>			
Cost Reports	<input checked="" type="checkbox"/>	Cost Reports		
Financial Information	<input type="checkbox"/>			
Delivery documents	<input checked="" type="checkbox"/>	Delivery documents		
Test1 (Residential-client)	<input checked="" type="checkbox"/>	Client Menu		
Test2	<input checked="" type="checkbox"/>	Client related Reports		

6.1 Menu Group Dialog

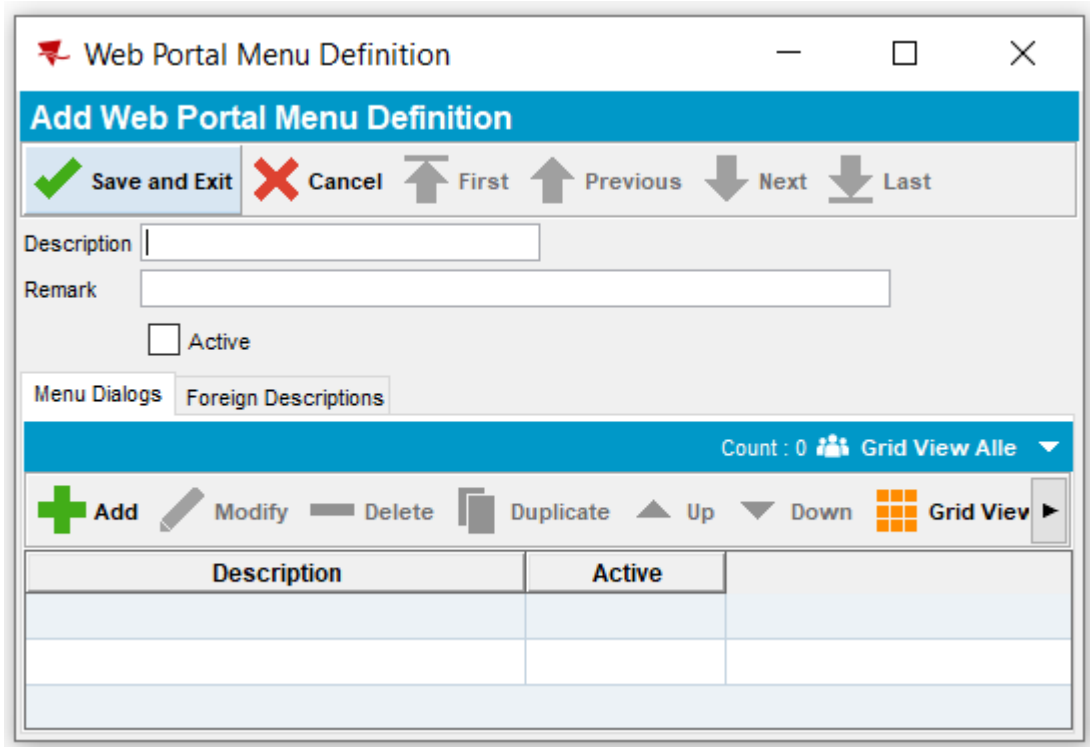
Use the Menu Group Dialog to define each menu group. To change the sequence of the menu-
options, you can use the Up/Down buttons.



Field	Description
Description	Each menu group is identified by a description. You can also define Foreign Descriptions.
Remark	Optionally a remark can be entered.
Active	This setting enables/disables the menu group.

6.2 Menu Dialogs

For each Menu Group one or more menu dialogs can be defined. When adding a new menu dialog, the following dialog is shown:



Field	Description
Menu Group	This displays the Menu Group for which you want to add a menu dialog.
Add	You have to choose if you want to add a menu dialog that functions as a 'data entry screen' or a 'report'.
Dialog	Select the dialog from a list of pre-defined dialogs.
Description	Enter a description for the dialog. This will be shown as menu-option-name in the menu.
Active	This setting enables/disables the menu dialog.
Action	Select if this menu dialog must be added automatically or not. There are 3 possible options shown in this dialog.

7 Customer Settings for Web Portal/Linen Assistant Android

For each Customer it is possible to make some settings for use with the Web Portal.

7.1 Web Portal

Use Web Portal tab page to define settings about the Web Portal for each customer.

In the picture below the settings are shown that can be used for the Web Portal. Certain settings can only be defined under certain conditions. For example, when a customer is defined for 'Residential Services' then these options will be enabled in this tab-page. Otherwise they are not enabled.

Inquiry Customers

+ Add
 ✎ Modify
 📄 Duplicate
 ✖ Delete

Number ... Name Legacy Customer Number

General Ordering Delivery Garments Garment Charges Residential 1 Residential 2 Web Portal / App Billing Payment Special Flex Fields

Customer uses Web Portal / App View Web / App Users

Ordering

Product Filter

Customer uses <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Stock count / Ordering via Web Portal <input checked="" type="checkbox"/> Order by Date Web Portal Customer maintains <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Norm Stock Level <input checked="" type="checkbox"/> Delivery Standards 	Allow <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Non-Garments <input checked="" type="checkbox"/> Garments <input checked="" type="checkbox"/> Sales
---	--

Garment/Wearer Services

Customer uses <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Garments Web Portal 	<ul style="list-style-type: none"> <input type="checkbox"/> Obligated using Standard Inventory per Function <input type="checkbox"/> Automatically Approve Garment Orders via Web
--	---

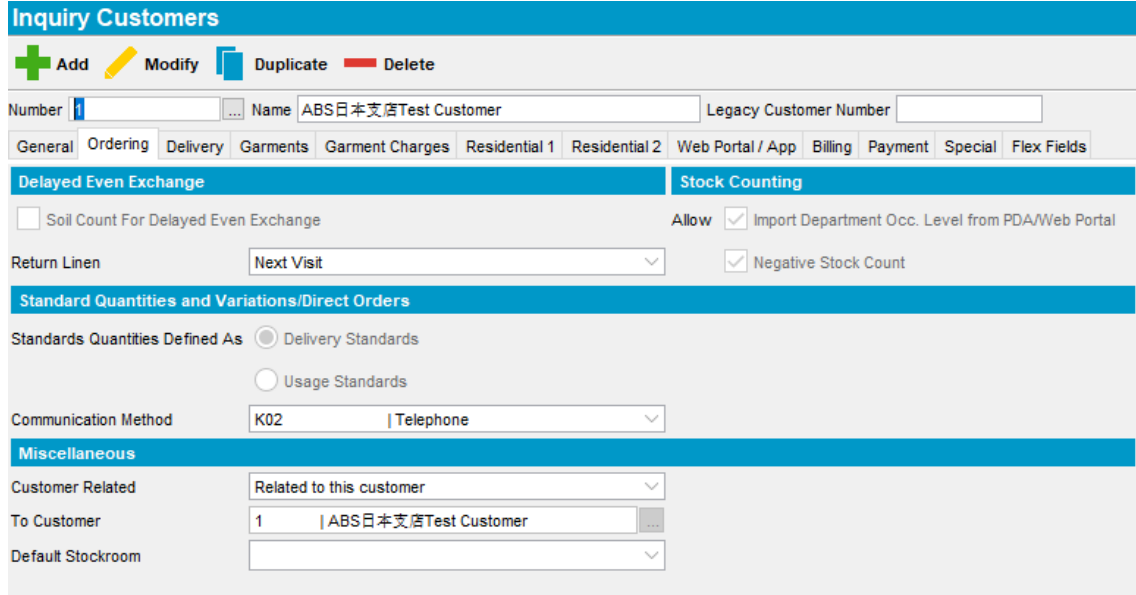
Shipment Check Scans

Customer Scans <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Items received from laundry <input checked="" type="checkbox"/> Items to send to laundry

7.2 Ordering – Stock Counting

In tab page ordering there is a checkbox under heading 'Stock Counting'. When this checkbox is marked then 'Import Department Occupation Level from PDA/Web Portal' can be activated.

When this setting is marked, it is possible to enter to occupation percentage in the Web Portal-application.



Inquiry Customers

+ Add
 ✎ Modify
 📄 Duplicate
 ✖ Delete

Number: ... Name: ABS日本支店Test Customer Legacy Customer Number:

General | **Ordering** | Delivery | Garments | Garment Charges | Residential 1 | Residential 2 | Web Portal / App | Billing | Payment | Special | Flex Fields

Delayed Even Exchange | **Stock Counting**

Soil Count For Delayed Even Exchange
 Allow Import Department Occ. Level from PDA/Web Portal

Return Linen:
 Negative Stock Count

Standard Quantities and Variations/Direct Orders

Standards Quantities Defined As:

 Delivery Standards

 Usage Standards

Communication Method: | Telephone

Miscellaneous

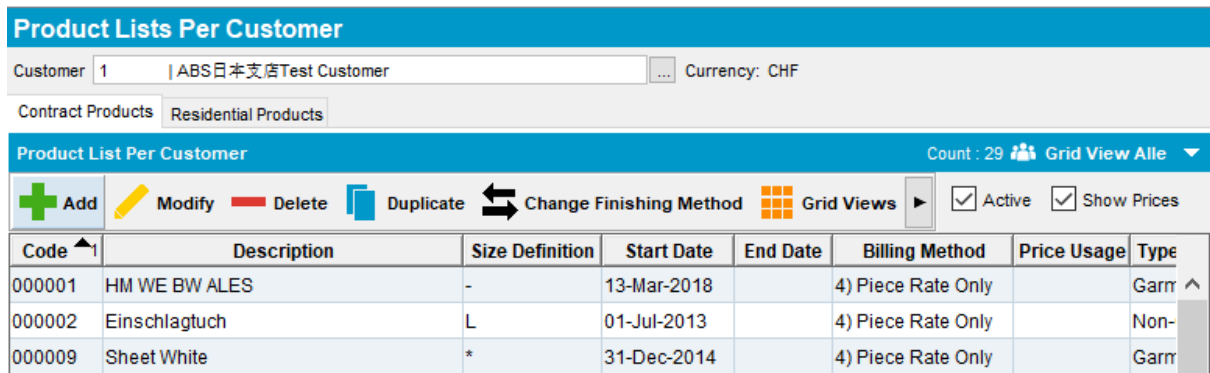
Customer Related:

To Customer: | ABS日本支店Test Customer

Default Stockroom:

8 Product List per Customer

For the customer there need to be some product been setup in the Product List per Customer.



Product Lists Per Customer

Customer: | ABS日本支店Test Customer Currency: CHF

Contract Products | Residential Products

Product List Per Customer Count: 29 Grid View Alle

+ Add
 ✎ Modify
 ✖ Delete
 📄 Duplicate
 ↔ Change Finishing Method
 🗪 Grid Views
 Active
 Show Prices

Code	Description	Size Definition	Start Date	End Date	Billing Method	Price Usage	Type
000001	HM WE BW ALES	-	13-Mar-2018		4) Piece Rate Only		Garr
000002	Einschlagtuch	L	01-Jul-2013		4) Piece Rate Only		Non-
000009	Sheet White	*	31-Dec-2014		4) Piece Rate Only		Garr

9 Departments

For the customer there need to be Department(s) setup. This can be multiple departments, depends how many departments the customer has.

Modify Departments

✓ Save ✗ Cancel

Customer | ABS日本支店Test Customer

Departments

Departments
Count : 5 Grid View Alle

Add Modify Delete Duplicate Grid Views Print

 Show only active

Number	Description	Cost cent...	Cost center de...	Occupancy	MO	TU	WE	TH	FR	SA	SU	Ac...
1	看護/Nursery	1	-	100	✓	✓	✓	✓	✓			✓
2	外科/Surgery	2	-	100	✓	✓	✓	✓	✓			✓
3	がん科/Oncology	3	-	100	✓	✓	✓	✓	✓			✓
4	心臓外科/Cardiology	4	-	100	✓	✓	✓	✓	✓			✓
5	心臓外科/Cardiology	5	-	100	✓	✓	✓	✓	✓			☐

At the departments you connect which Consumption point is connected. So, you could have multiple places that you will visit on the same department:

Modify Department

✓ Save and Exit ✗ Exit ↑ First ↑ Previous ↓ Next ↓ Last

Customer | ABS日本支店Test Customer

General

Department Number Legacy code

Description

Default Cost Center | -

Contact Person Send Delivery note by E-mail

Current Occupancy % Send Consignment Note By E-mail

Active

Using bundles

Receive and Distributes Bulk Deliveries

Exclude from Bulk Delivery

Deliver at

MO

TU

WE

TH

FR

SA

SU

Non Business Days

Consumption Points

Consumption points
Count : 2 Grid View Alle

Add Modify Delete Duplicate Grid Views Print

Number	Description	Delivery p...	Delivery point ...	Cost center de...	Ac...
1	-	1-HVH	-	-	✓
5	Arnold Bulk	2	test2	-	✓

10 Consumption Point Logistic

For the customer there need to be some also a Consumption point logistics been setup. This can be for multiple departments, depends how many departments the customer has.

Consumption Point Logistics			
Customer 1 ABS日本支店Test Customer		Currency: CHF	
Consumption Point Logistics Grid View Alle			
Modify Grid Views Print Load More Load All Only show active			
Department Num...	Department Description	Consumption Point N...	Consumption Point Description
1	看護/Nursery	1	-
1	看護/Nursery	5	Arnold Bulk
2	外科/Surgery	1	-
3	がん科/Oncology	1	-
4	心臓外科/Caridiology	1	-
5	心臓外科/Caridiology	1	-

In the consumption point logistic you will enter the product that you want to count or order and or what the standard delivery amount or standard stock amount is:

Consumption Point Product

Modify Consumption Point Product

Save and Exit
Exit
First
Previous
Next
Last

Customer: 1 | ABS日本支店Test Customer

Department/Cons. Pnt: 1 | 看護/Nursery | 1 | -

Product: 000075 | Towel hand | Start Date: 06/05/2013

Size/Fin. Method: - | - | - | Folded | End Date:

Ordering

Ordering Method: Count Stock Order

Holiday Usage Factor: 100

Circulation Inventory

Circulating: 0

On-site: 0

Packing / Delivery

Delivery Scheme: HW1

Delivery On: MO (1), TU (0), WE (0), TH (0), FR (0), SA (0), SU (0)

Standard Delivery...: Packing

Location:

Instructions:

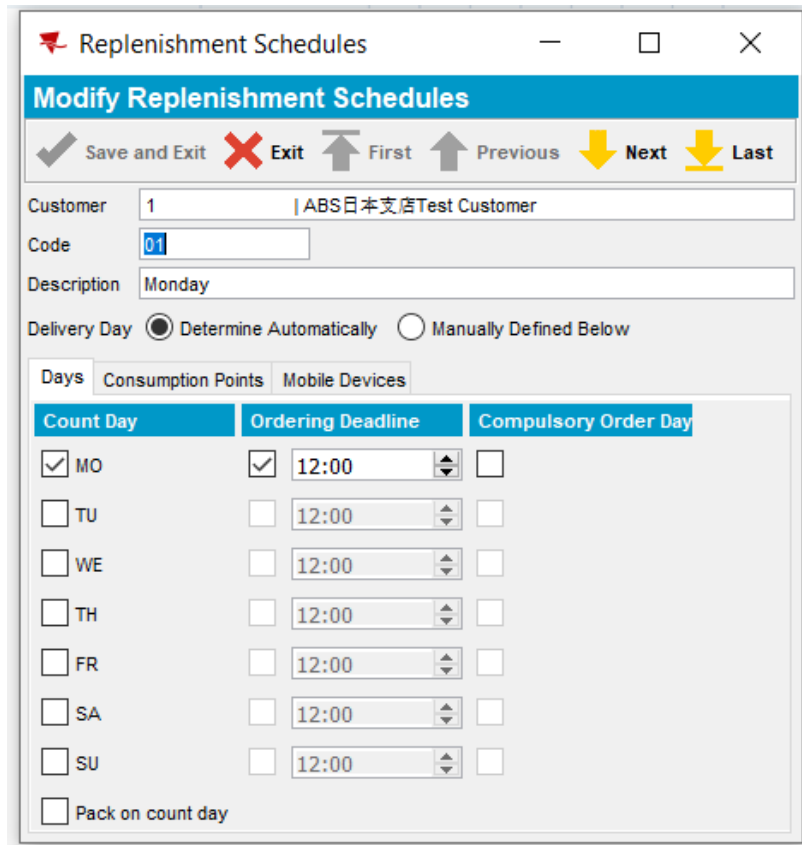
Stock Counting / Order

At Day: MO (0), TU (0), WE (0), TH (0), FR (0), SA (0), SU (0)

Max Order Qty:

Add Temporary Stop
Show in calendar

Above a product that is setup for order and below a product that is setup for counting:



Replenishment Schedules

Modify Replenishment Schedules

Save and Exit Exit First Previous Next Last

Customer 1 | ABS日本支店Test Customer

Code 01

Description Monday

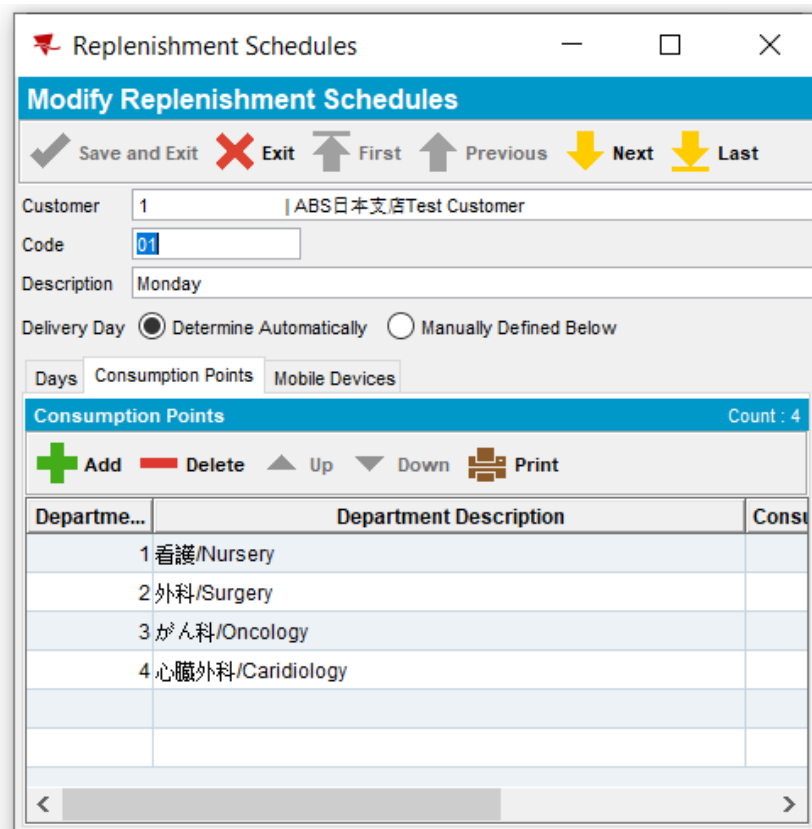
Delivery Day Determine Automatically Manually Defined Below

Days Consumption Points Mobile Devices

Count Day	Ordering Deadline	Compulsory Order Day
<input checked="" type="checkbox"/> MO	<input checked="" type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> TU	<input type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> WE	<input type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> TH	<input type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> FR	<input type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> SA	<input type="checkbox"/> 12:00	<input type="checkbox"/>
<input type="checkbox"/> SU	<input type="checkbox"/> 12:00	<input type="checkbox"/>

Pack on count day

Also, you need to add the Consumptions Points for this count order day, this way you will have these available on the Android Device with the products that are setup at the consumption point.



Replenishment Schedules

Modify Replenishment Schedules

Save and Exit Exit First Previous Next Last

Customer 1 | ABS日本支店Test Customer

Code 01

Description Monday

Delivery Day Determine Automatically Manually Defined Below

Days Consumption Points Mobile Devices

Consumption Points Count : 4

+ Add - Delete Up Down Print

Departme...	Department Description	Consume...
1	看護/Nursery	
2	外科/Surgery	
3	がん科/Oncology	
4	心臓外科/Caridiology	

Replenishment Schedules
_ □ ×

Modify Replenishment Schedules

✓ Save and Exit
✗ Cancel
↑ First
↑ Previous
↓ Next
↓ Last

Customer | ABS日本支店Test Customer

Code

Description

Delivery Day Determine Automatically Manually Defined Below

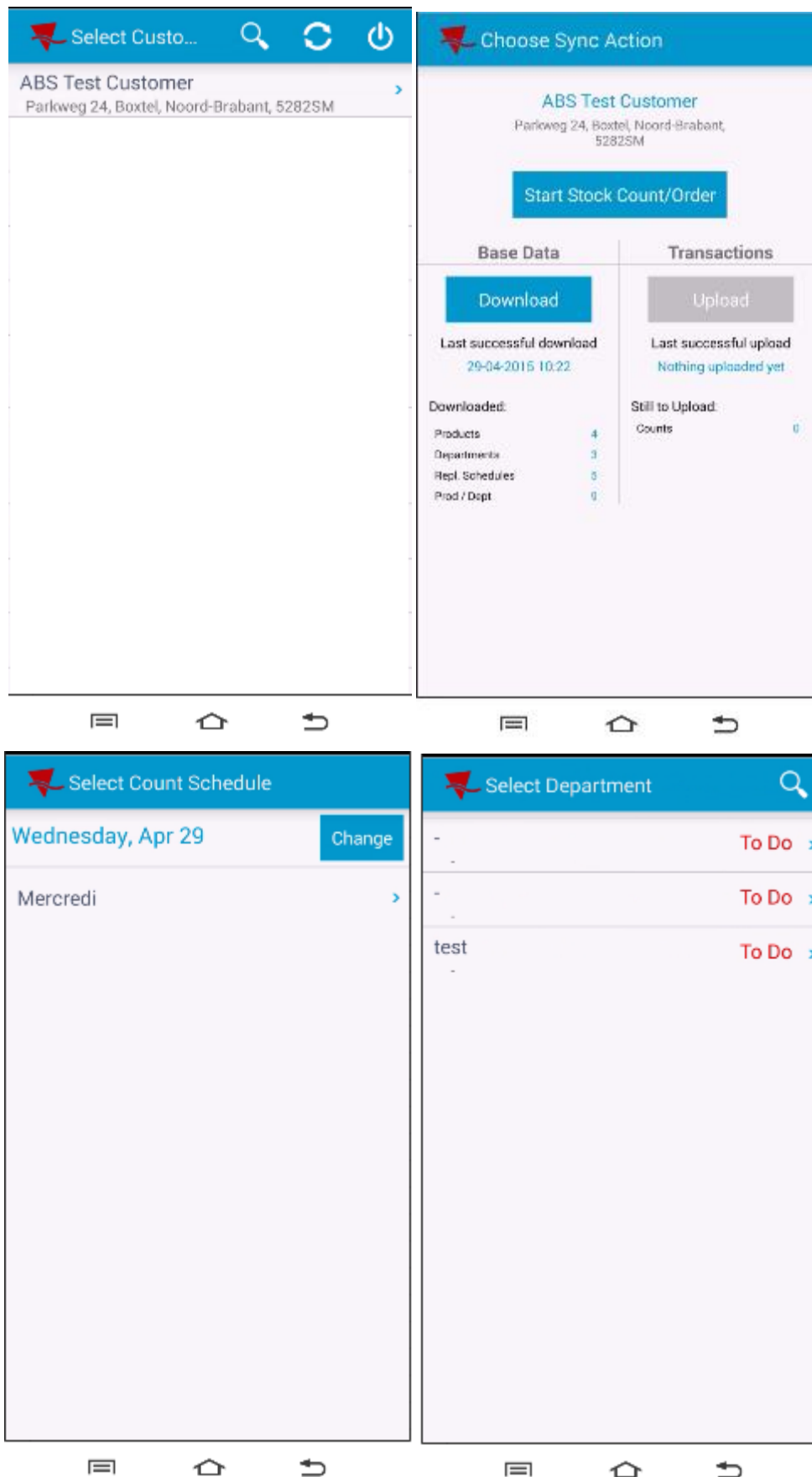
Days Consumption Points Mobile Devices

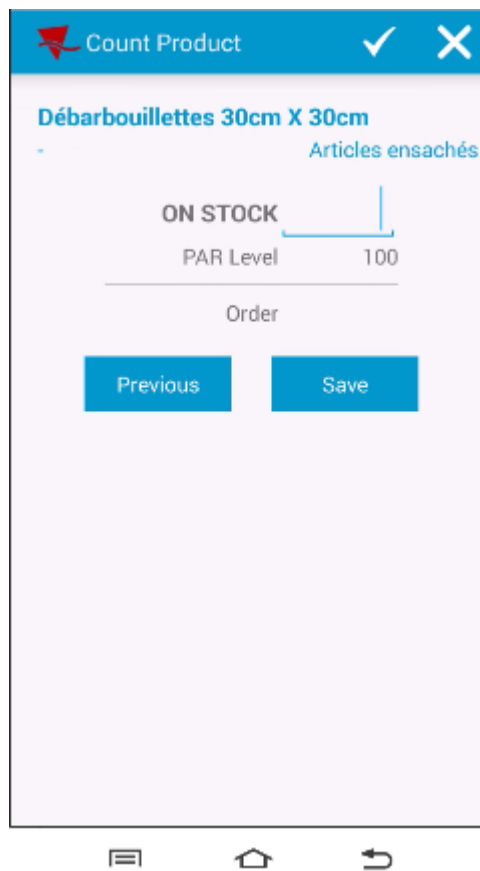
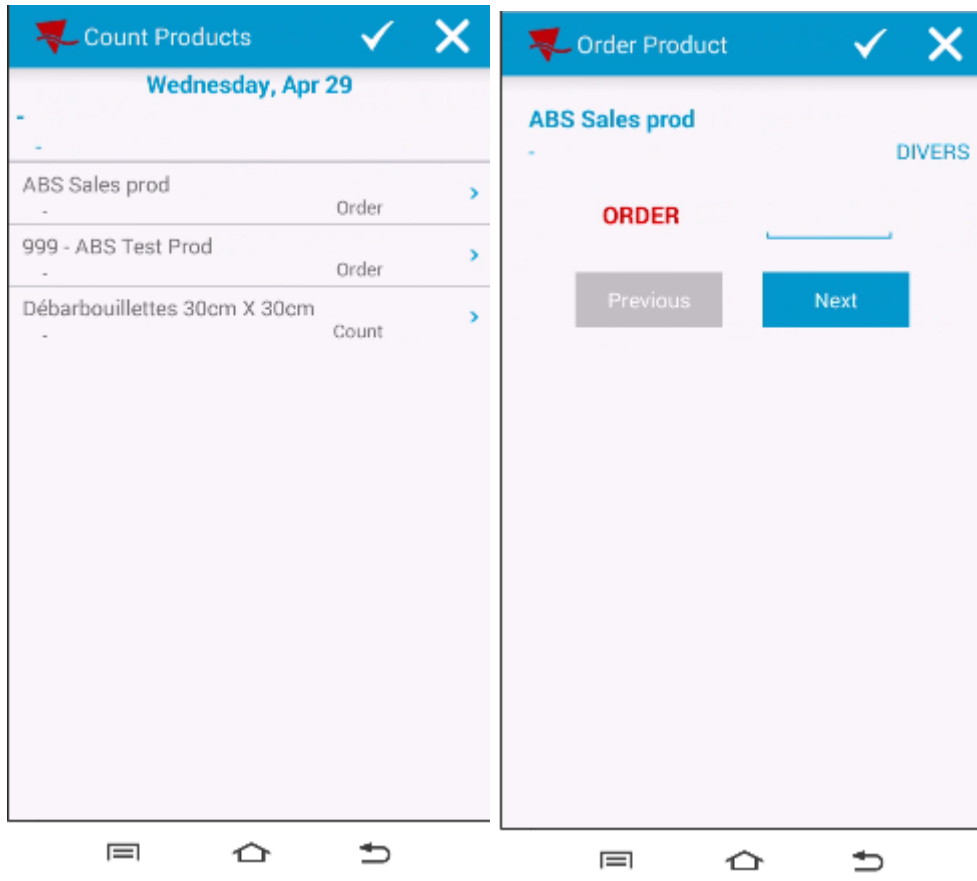
Mobile Devices Count : 3 Grid View All

+ Add - Delete Grid Views Print

Code	Description	
SNA_JP	SNA Mobile	
EVB_S4	PDA Erwin	
111111	PBR test	

12 Screen Shots of Linen Assistant Android





13 ABS Android Application Installation / De-installation

To have the App installed on the device you need the APK file (Linen Assistant, Route Assistant, Garment Assistant)

In this manual we use the **LinenAssistantAndroid_v2.00.apk** (the steps are the same for all Android Apps)

This APK file will be provided by ABS and needs to be placed on the device that you will use for running this App.

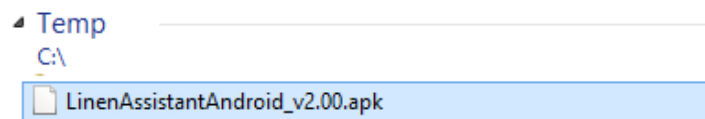
It can be placed on different ways on the device some samples:

- By mail and download from mail to the device
- Memory Card
- USB cable and PC

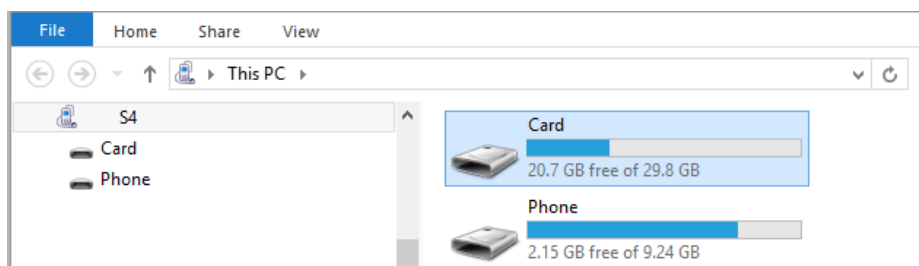
In this manual we use the USB and PC option.

13.1 Installation of APK file on Android device

Have the APK file placed somewhere on the PC in this manual we use the a TEMP folder

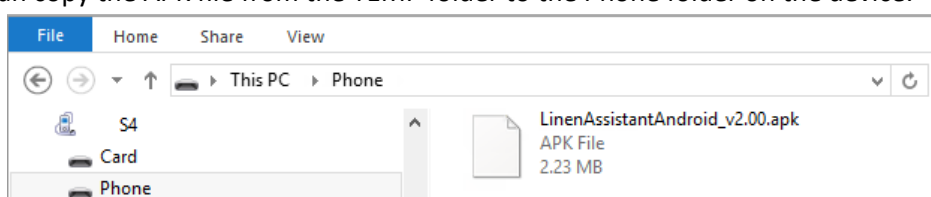


Connect the device by USB cable to the PC by doing this the device will be shown as an external drive, and you will get the option (if there is a memory card available otherwise just 1 folder) of 2 folders.

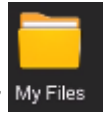


Best is to open the folder called Phone (this can be called different but needs to be the local folder of the device)

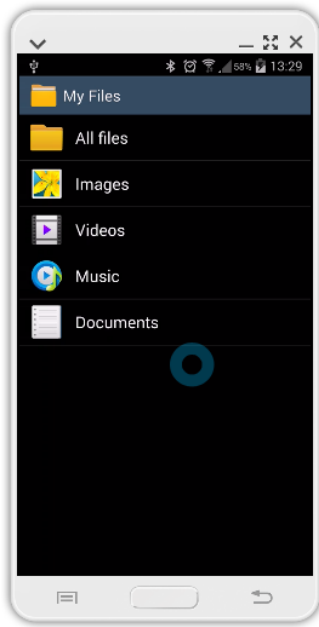
Now you can copy the APK file from the TEMP folder to the Phone folder on the device:



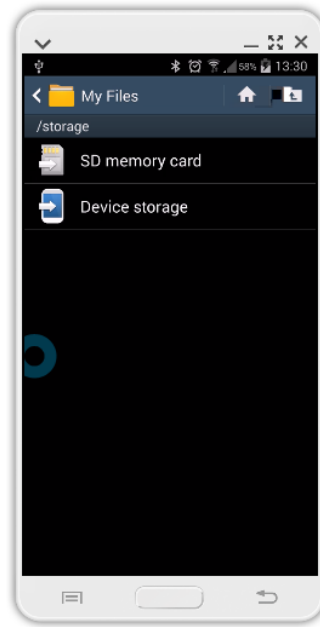
13.2 Installing the APK file on the device



Open on the device the option “my files” this opens the below screen:



Choose here the option “All files”

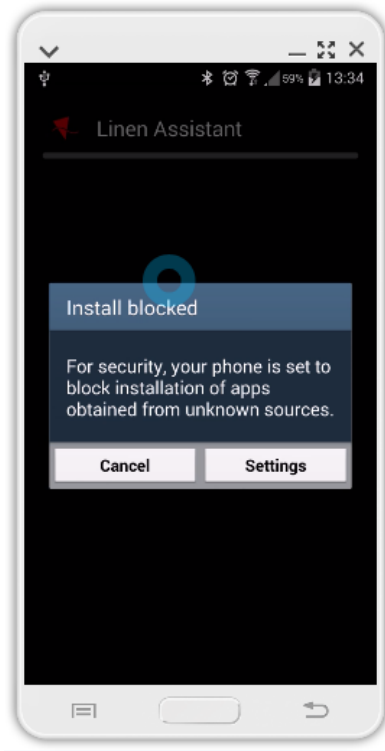


Go to the option “Device storage” you will see folders but also the APK file that you have placed on the device:

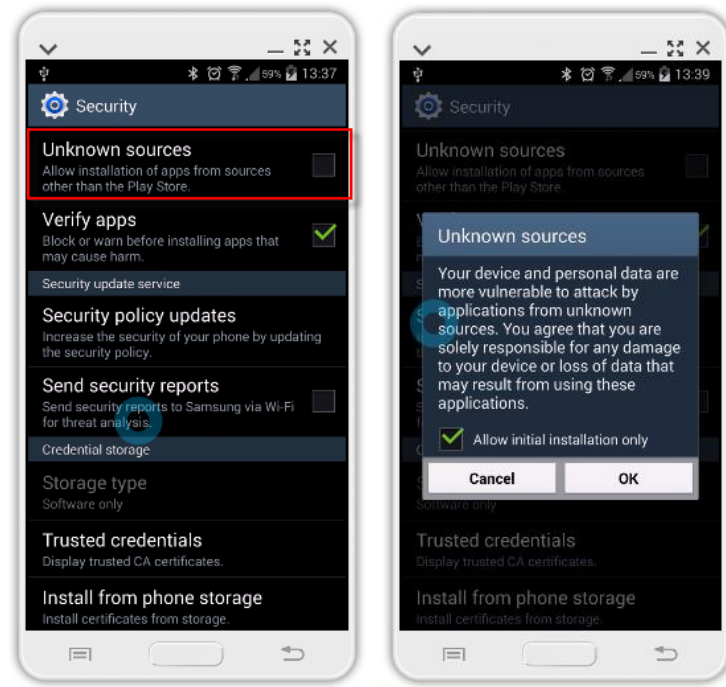


Now you touch this APK file

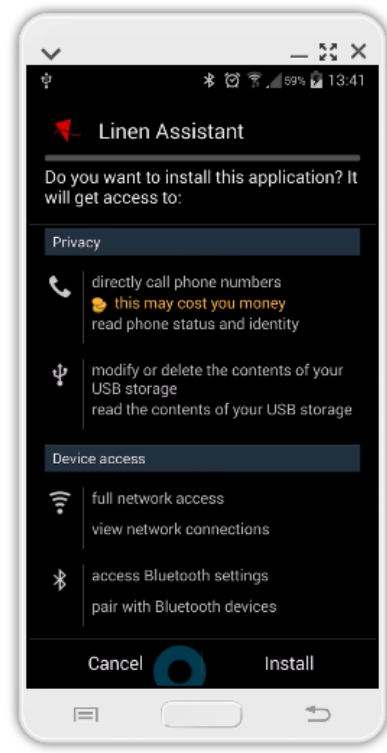
It is possible (depending how you have set the device settings) that you get the message:



if you choose the option “Settings” you will come into the security settings of your device. Scroll / move the page up till you see the option “Unknown sources” and check this box.



When you check this, you get a message if you want to allow unknown source to be installed please choose OK



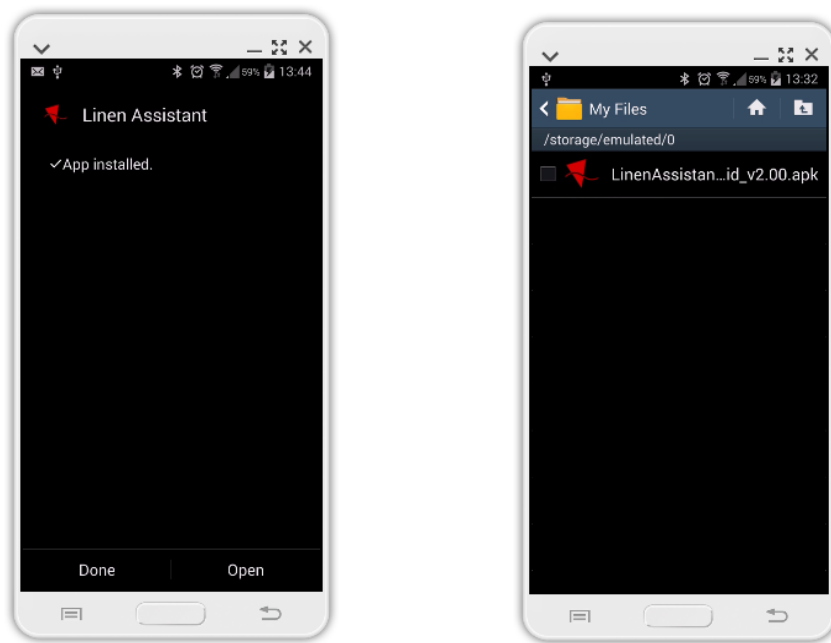
The call functionality is for calling the laundry in case an error occurs. The app will never call automatically. The user can choose to call a configured number (system setting 'CUSTOMERSERVICEPHONE').

The Bluetooth setting is for connecting to a mobile UHF tag reader

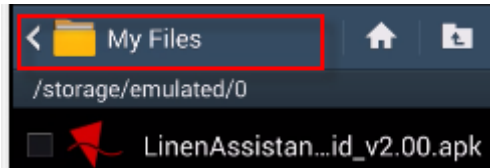
The storage is for storing the data for off-line operation and for exporting the database for troubleshoot purposes.



Now you see that it is asking for the installation of the ABS Android App. Please choose the option “Install”

The Android App from ABS will now be installed on your device:

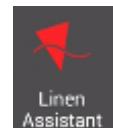


Please press “Done” and you return in the screen where you see the APK file.



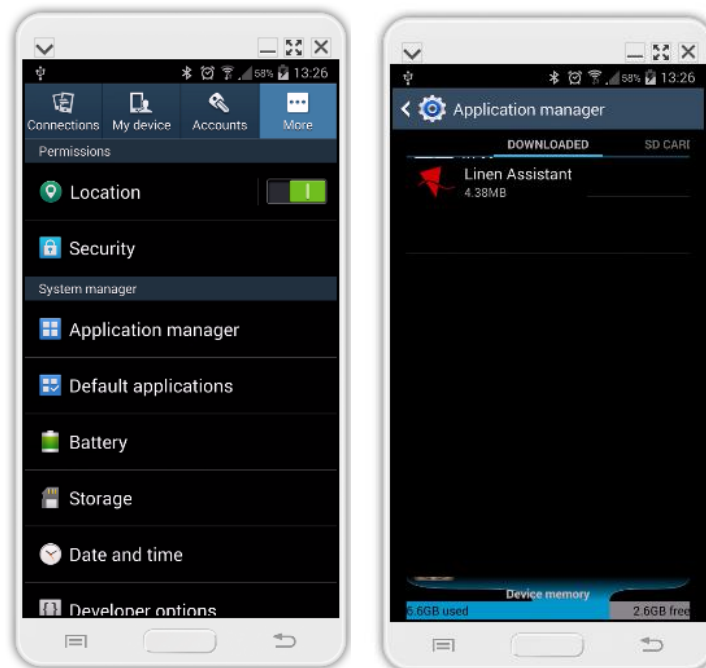
Please close this by choosing 2x  and then you can use the  to close this option on your device totally.

Now you will have on your device the Android App of ABS available.

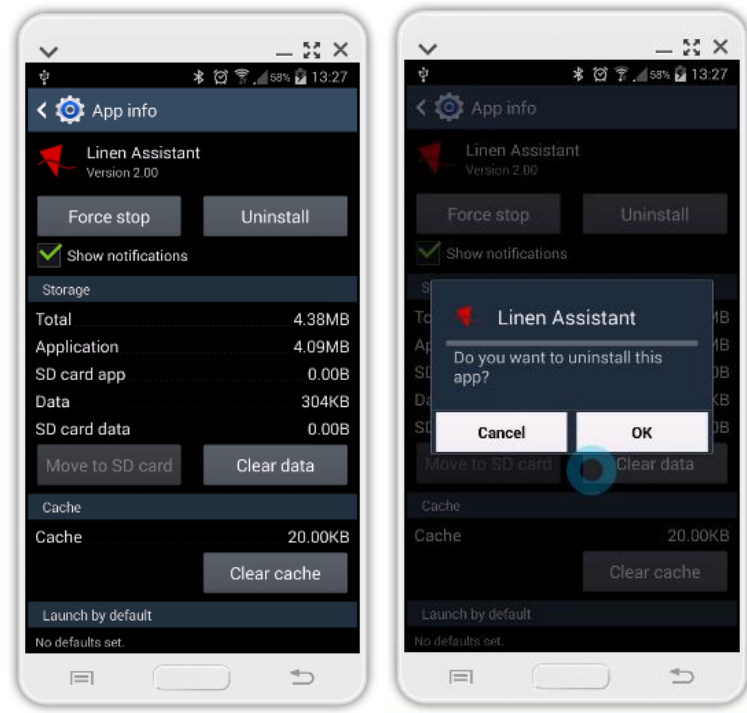


13.3 Remove the App from your device

Go on your Device to the “Application Manager” and start this and find the ABS Android App you want to remove.



Press the ABS Android App and you will get the below screen where you can choose the “Uninstall” option.



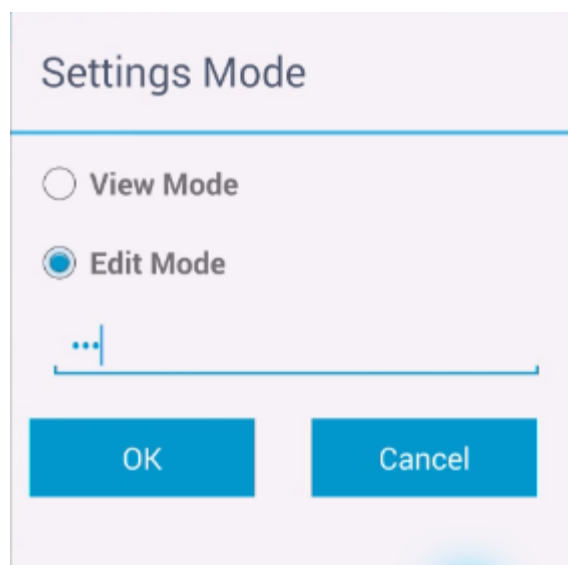
As safety the device will ask you if you really want to delete the App by pressing OK you will remove the ABS Android App from your device.

14 How to Export Database on the Android Device

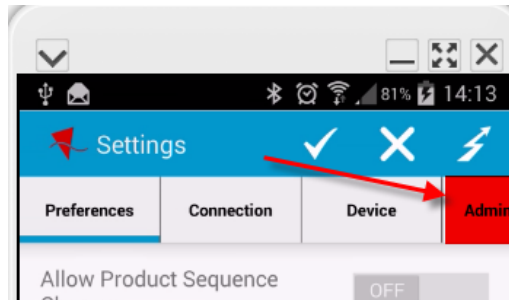
14.1 Step 1



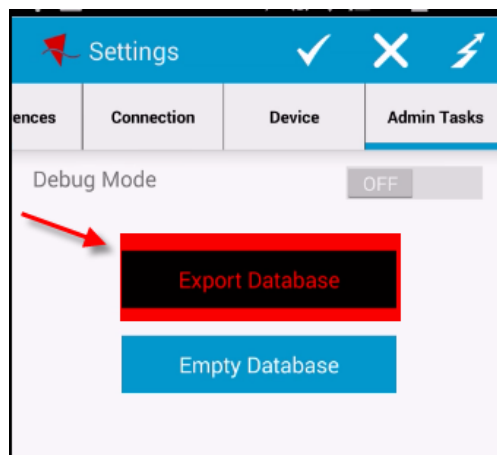
14.2 Step 2



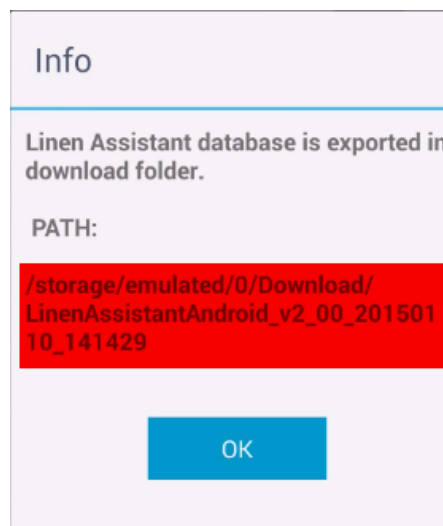
14.3 Step 3



14.4 Step 4



14.5 Step 5



Collected the file and please email this to ABS

14.6 Step 6

