

# *Pear Privacy 1.0 User Guide*

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# Introduction

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## Description

You don't need to keep in memory dozens of passwords for credit cards, bank accounts, web accounts and others any more, you can simply store them in your PDA using **PearPrivacy**. The only thing you have to memorize now is the password for this application. **PearPrivacy** is the best way to keep your personal information safe. The application uses safe and fast cryptography algorithm in combination with easy to use interface.

## Features

- creating templates for different types of data
- unlimited amount of records, data templates, fields
- all records are ordered and codified
- auto lock when the device goes to the sleep mode
- unique collection of icons
- simple and user friendly interface

## System requirements

- Supports all handhelds running Palm OS 4.0 or later.
- Supports Hi-Res (320x320), Hi-Res Plus Portrait (320x480) and Landscape (480x320) mode displays.
- Supports 1/2/4/8/16-bit displays.

## Installation

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To install this application you should synchronize the "PearPrivacy.prc", "PearPrivacyTemplates.pdb", "PearPrivacyFields.pdb" files to your device.

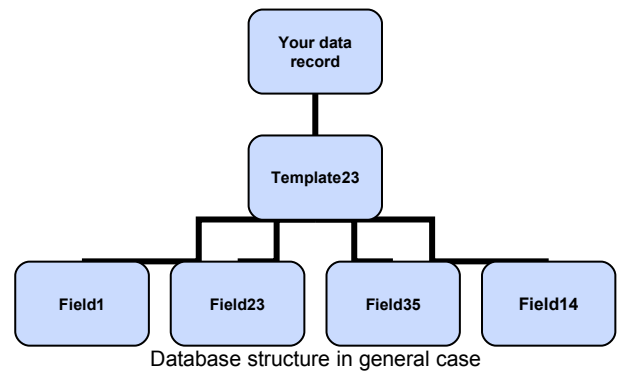
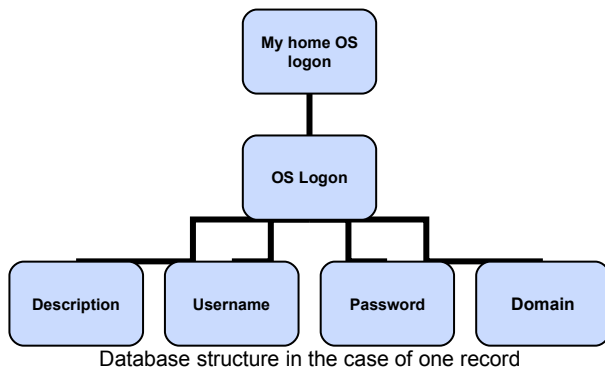
## Program concepts

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**PearPrivacy** was created to keep your personal information safe. In general our program can help you to save/edit/view your personal information like the passwords for the credit cards and web accounts, registration codes for the programs, notes and all other information you want to keep beyond the reach of others.

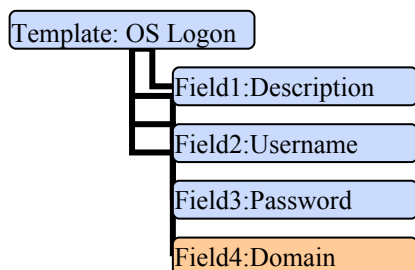
Program based on two algorithms, the first one is a cryptography algorithm **Blowfish** and the second one is a hashing algorithm **Sha-1**. **PearPrivacy** uses a special way for storing you data which makes impossible to get access to it for unauthorized persons: floating size of the data fields in the database table, prohibition of saving not codified data. Besides your data is decoded only when your need it to give faster performance.

**PearPrivacy** based on the basic principles of databases. Relations between the elements you can see below:

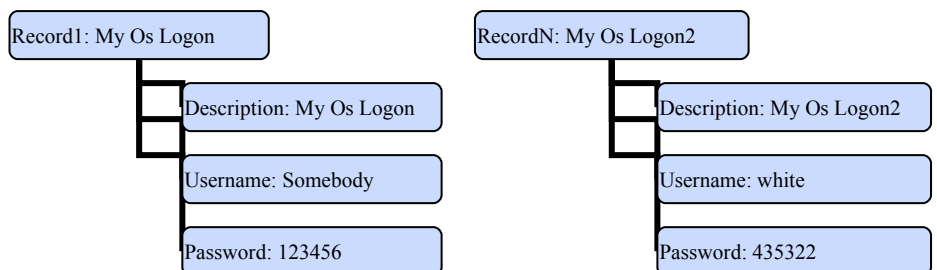


So changing the template will cause changes in all the records of this template. For example we removed the field “Domain” from the template “OS logon” as a result the field “Domain” was removed not only from the record “My home OS logon” but also from all the records related to the template “OS logon”:

Removing the field “Domain” from the template “OS logon”

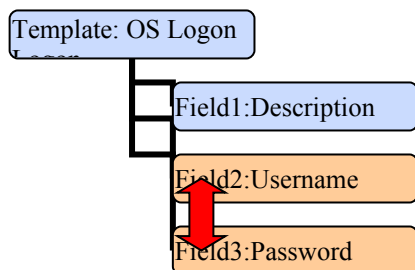


Removing the field “Domain” will cause that it will be removed from all the records which are related to the template “OS logon”

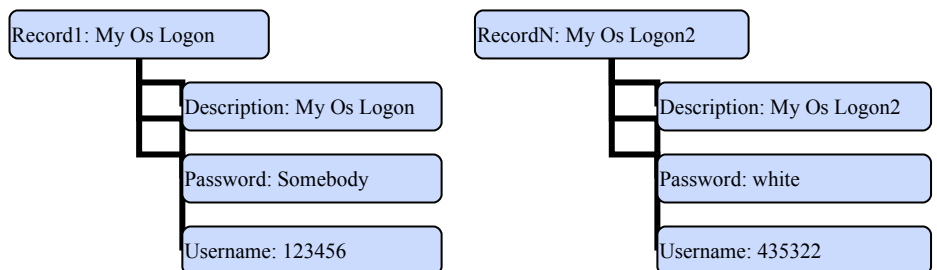


Let’s make an example of replacing the fields in the template “OS logon” (let’s replace the fields “username” and “password”):

Replacing the fields

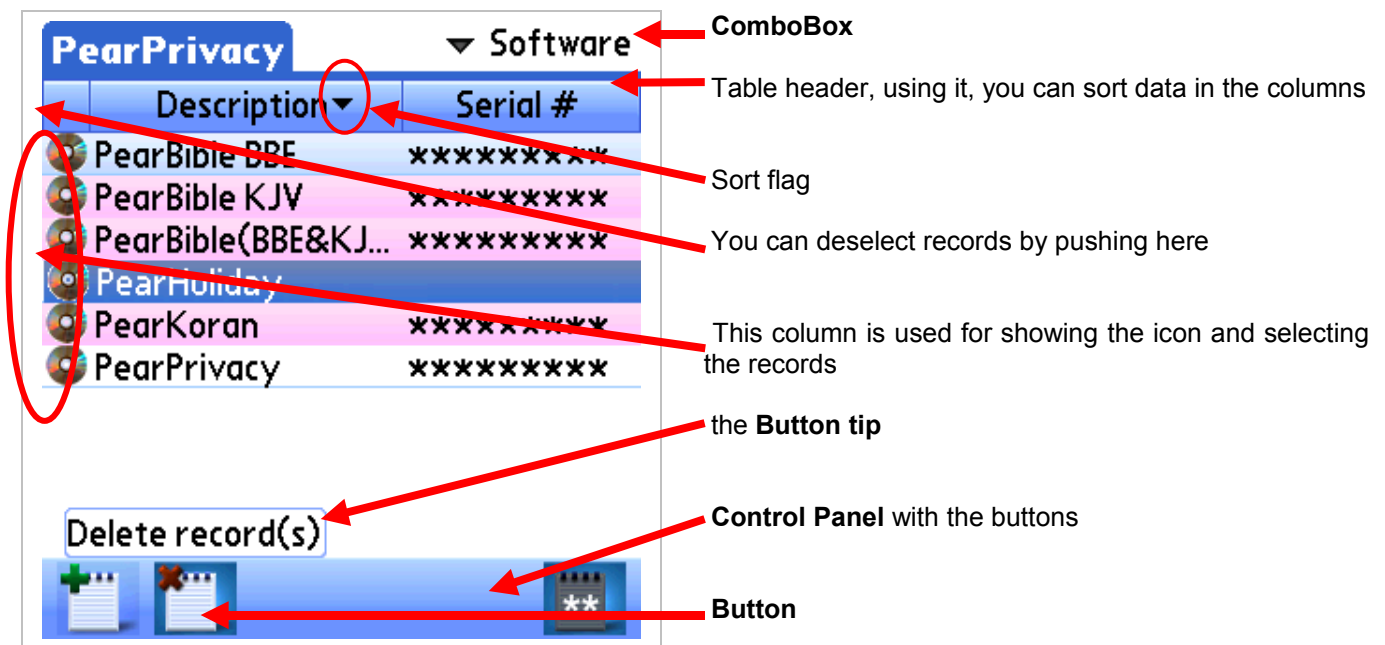


Removing the field ‘Domain’ from the records which are related to the template ‘OS logon’



## Interface

The application was created for the fast and comfortable work. So let's take a look at the main control elements.



 - this color means that the record was selected

## First launch

At the first launch you have to input the password, you may do it using **Graffiti** or key input. The best way for creating a strong password is using symbols in uppercase and lowercase, numbers, special symbols. Such password will be very safe and hard to break (for example: e\_f4G!8g^t). Don't create weak passwords (for example: the date of your birth, your telephone number, the name of your pet and so on). The passwords like these '1111, 1234, qwerty, asdf' are easy to break too. The most strong password consists of random symbols of different types.

This window can be shown in two ways:



Number view



Symbol view

Then you have to confirm the password.



**Attention!** Minimum password length – 4 symbols.

## Entering the program

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Entering the program you see the information window which tells when the trial period will be finished. If the trial period ends you will have to buy the application or exit. After program purchase this window will never appear again.

When you enter the application you always have to input your password and then push “Enter”. For changing the views you can use special buttons.

Number view



Symbol view



- abc , 123 - to change the window views
- ← - to erase the previous symbol
- C - to erase all symbols
- \* - to hide the text
- Enter - to enter the application

## Using Main Window

**PearPrivacy** ▼ Software

Description▼	Serial #
PearBible BBE	*****
PearBible KJV	*****
PearBible(BBE&KJ...	*****
PearHoliday	
PearKoran	*****
PearPrivacy	*****

Delete record(s)

Buttons: +, -, \*\*

At the top right corner you can see **ComboBox**, it shows the name of the active template, there is a table with the records which belong to this template below.

If you want to edit the record, tap it and **New/Edit/View** record window will appear.



- to add a new record



- to delete the selected record (the group of the records)



- to hide the contents of the second field

To show the records of the another template or all records or to go to the **Edit** window of the templates you have to use **Combo Box** at the top right corner of the window. After pushing it the popup list will appear, there you can make a selection.

**PearPrivacy**

ComboBox: All, Bank account, Calling cards, Company, Credit card, E-mail, Events, Ftp account, ICQ account, Logon passwo..., Meetings, Note, home bank

Records table (partially visible): Alex White, Buy new car, Card #1, Home e-mail 1, Home e-mail 2, Marry Linda Br, My account #, My bank #2, My bank #3, My bank #4

Buttons: +, -, \*\*

Popup list

### Main Form menu

**File Options About**

Lock Now Exit

PearMobile

**File Options About**

Edit Templates... Edit Fields... Change Password... Settings...

**File Options About**

Description Registration... About...

Alex White

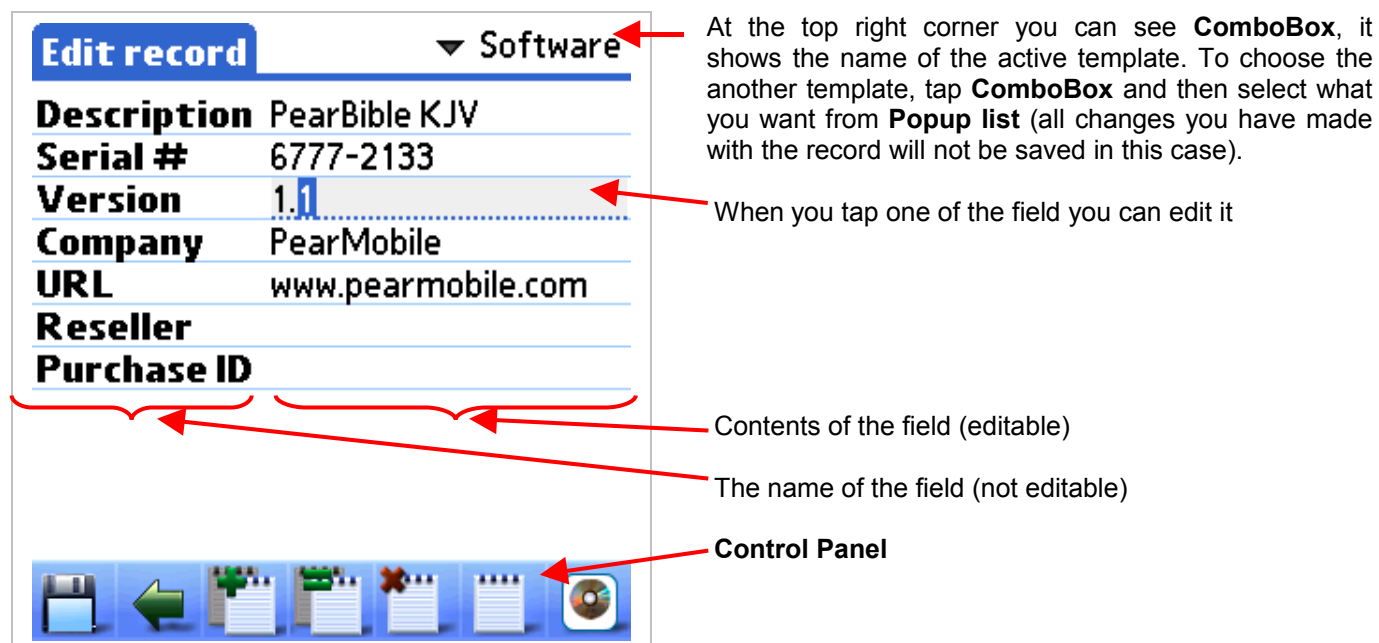
**Lock now** – to go to the password input window  
**Exit** – to exit the program

**Edit templates** – to go to the **Edit Templates** window  
**Edit fields** – to go to the **Edit Fields** window  
**Change password** – to change the current password  
**Settings** – to set security and interface settings

**Registration** – to go to the **Registration** window  
**About** – to go to the application information window








## Using New/Edit/View Record Window

After pushing the button **Add record** or tapping the record in the table of the **Main** window you will see the window for viewing and editing the records. The window consists of the three parts, on the left side you can see the names of the fields, on the right one you can see their contents, below – **Control Panel**.



### Control Panel

**Control Panel** is the part of the main window where you can find control buttons.

- Push  to save the changes and to return to the **Main** window
- Push  to discard the changes and to return to the **Main** window
- Push  to save the changes and to create a new record using the active template
- Push  to save the changes and to create a duplicate record
- Push  to remove the current record
- Push  to edit the note
- Push  to choose an icon

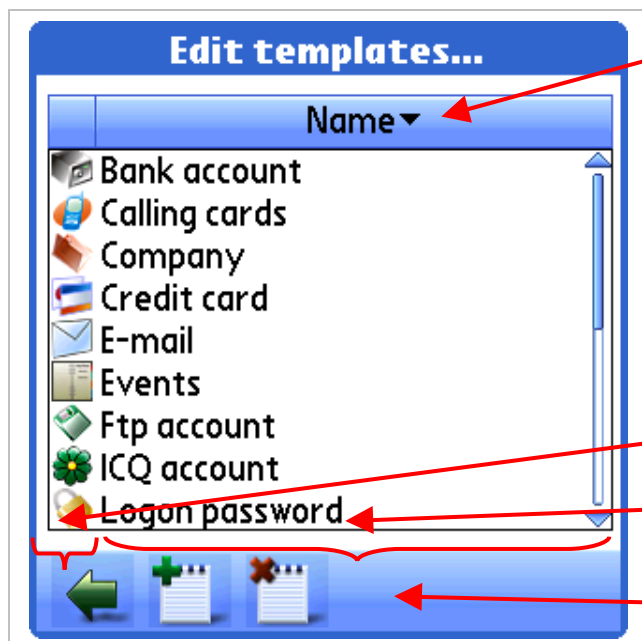


## Using Edit Templates Window

You can go to **Edit Templates** window using **System Menu** or **ComboBox** on the **Main** window.



You can use **Edit Templates** window for creating a new template, deleting the template or group of the templates



By tapping the table header you can sort the data in the field



- to go back to the **Main** window



- to add a new template



- to delete the selected template (the group of the templates)

To edit the template, tap it in the table.

Default icon

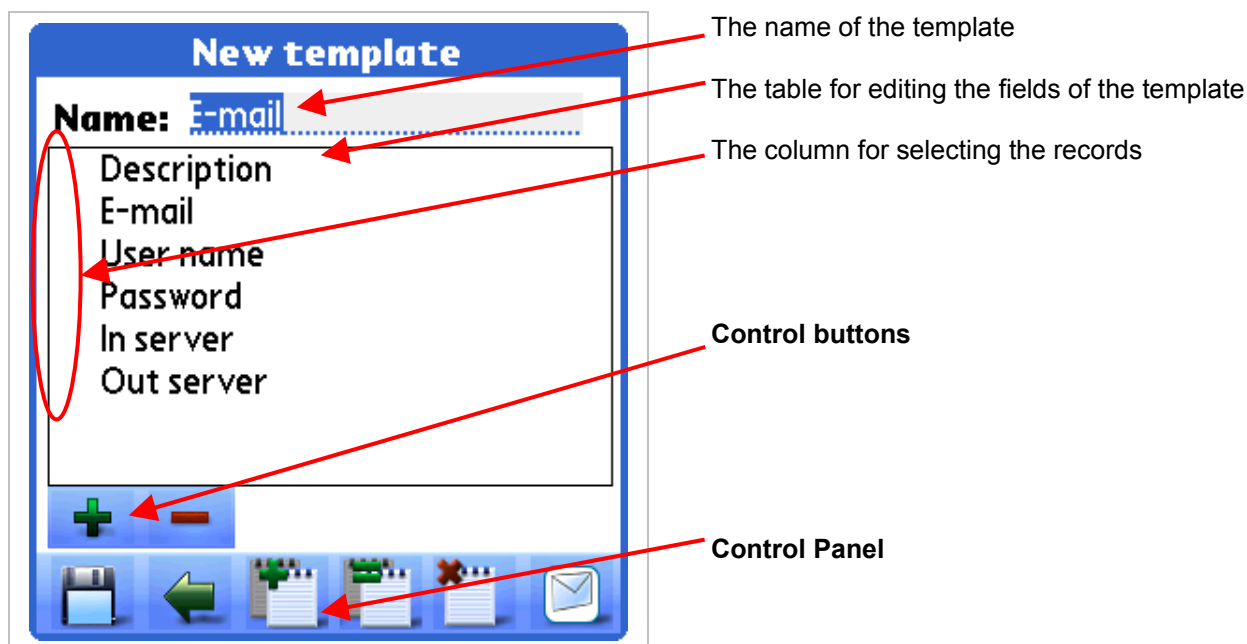
The name of the template

**Control Panel**

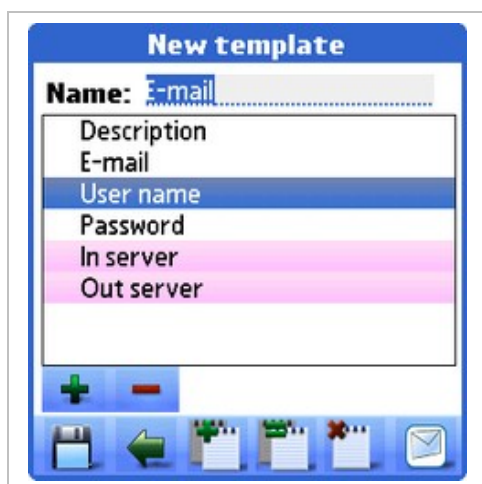
**Attention!** Be attentive when you are deleting the template which has related data. You will be answered about deleting this data. If you push "Yes" all related data will be completely removed.



## Using New/Edit Template Window

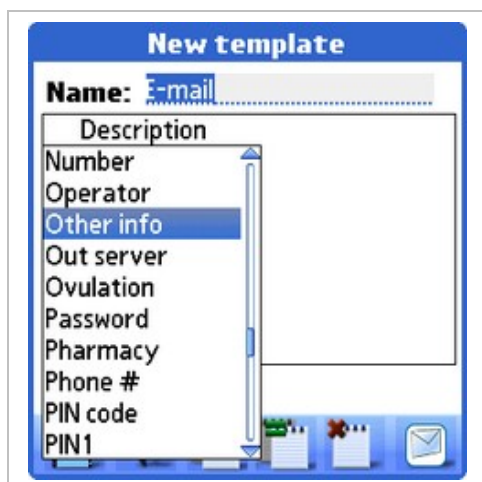



**New/Edit template** window is a good way for creating the template of the document. In the table of the window you can select the records, which you want to remove. Besides there is an opportunity of moving the fields of the template.



Tap the field, then you can move it up and down

It's very simple to add or to delete the field









To add a new field you can use  (select the necessary field in the list)

To delete the selected field use 

**Attention!** "Description" is the default field and you can't delete or move it

## Control Panel







**Control Panel** is the part of the main window where you can find control buttons.

- Push  to save the changes and to return to the **Edit Templates** window
- Push  to discard the changes and to return to the **Edit Templates** window
- Push  to save the changes and to create a new record using the active template
- Push  to save the changes and to create a duplicate record
- Push  to remove the current record
- Push  to choose an icon

When you change the order of the fields in the template there are no changes in the related data. So we can get this case:








Before the template change

Edit record		▼ E-mail
Description	Home e-mail 1	
E-mail	alex@****.com	
User name	alex	
Password	12hzyx7lli	
In server		
Out server		



After the template change

Edit record		▼ E-mail
Description	Home e-mail 1	
Out server	alex@****.com	
User name	alex	
E-mail	12hzyx7lli	
In server		
Password		

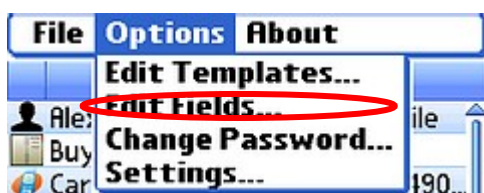


**Attention!** Edit the templates which has related data accurately.

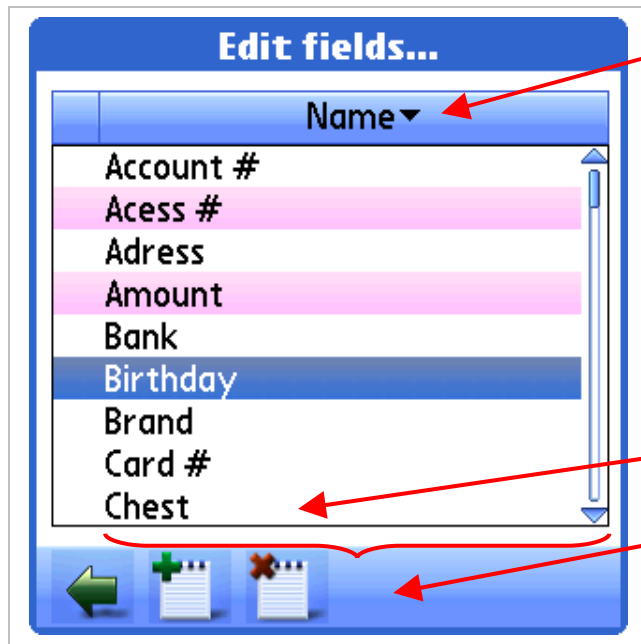
**Attention!** If number of the fields in the template after editing became smaller so some data records related to this template were truncated.

## Using Edit Fields Window

You can go to the **Edit fields** window using **System Menu**



You can use **Edit Fields** window for creating or removing the field or the group of the fields



Tapping the table header you can sort the field



- to go back to the **Main** window



- to add a new field



- to delete the selected field (the group of the fields)

To edit the template, tap it in the table.

The name of the template

Control Panel

**Attention!** You can't remove the field if it is used in one of the templates. To remove the field you have to edit the template, which contains this field.

**Attention!** "Description" is the default field and you can't remove or change the name of it.

## Using New Field Window



If you want to create a new field, push "Ok" in another case push "Cancel"

**Attention!** The name of the field is a unique value and you can't create fields with the same names.

## Using Edit Field Window

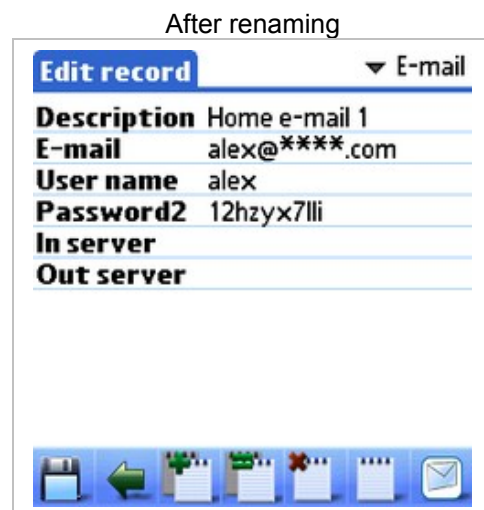
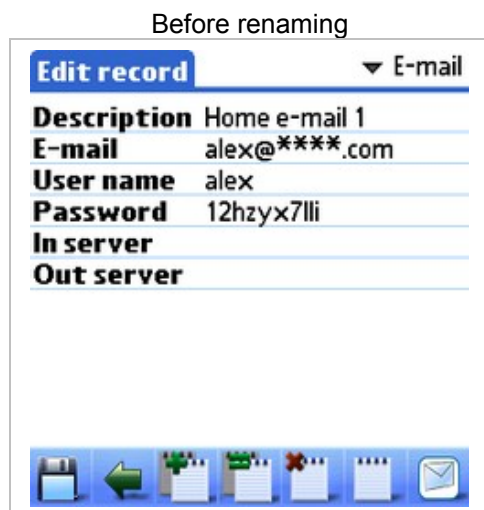


If you want to edit the field, push “Ok” in another case push “Cancel”

**Attention!** The name of the field is a unique value and you can't create fields with the same names.

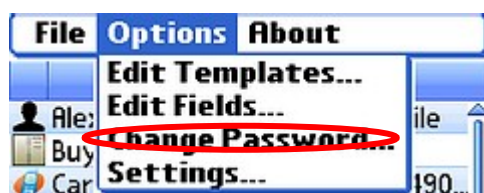
**Attention!** Be careful when you are changing the name of the field which used in the template structure because the changes will appear not only in the template but also in the related data.

For example let's rename “password” into “password2”:



## How to change the password

You can always change the password for access to **PearPrivacy**. You can do this using **System Menu** of the **Main** window:



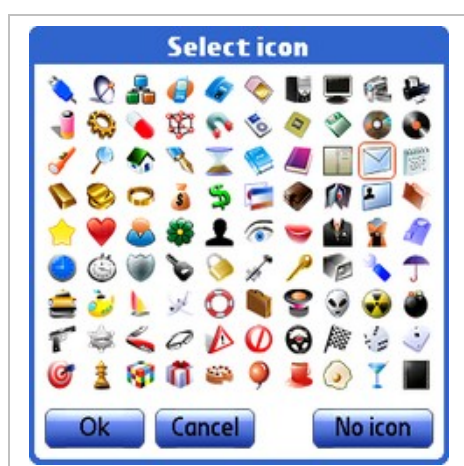
You have to input the old password, then new one and then confirm it.

A dialog box titled "Change password" with a blue header. It contains four text input fields labeled "Current password", "New password", "Confirmation password", and "New hint". At the bottom are "Ok" and "Cancel" buttons.

## How to Set an Icon

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You can select icon for the record using the special window. Simply choose the icon you want and then push it.



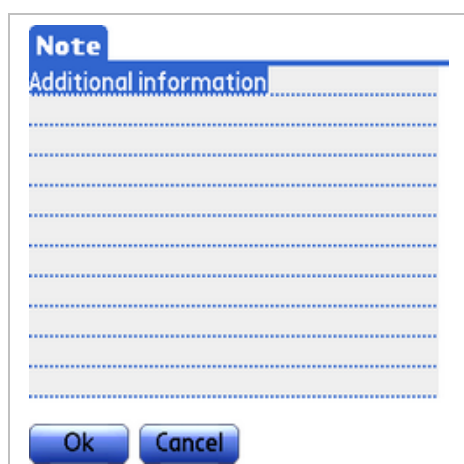
**Ok** – to save the chosen icon

**Cancel** – to cancel the choice

**No icon** – you don't want to select any icon

## How to add a Note

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A dialog box titled "Note" with a blue header. It contains a text area labeled "Additional information" with horizontal lines for text entry. At the bottom are "Ok" and "Cancel" buttons.

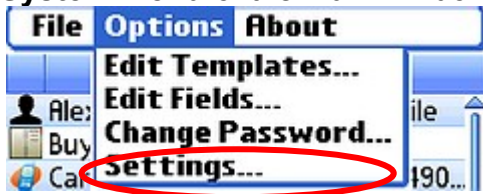
**Ok** – to save the text

**Cancel** – to return back to the previous window without save

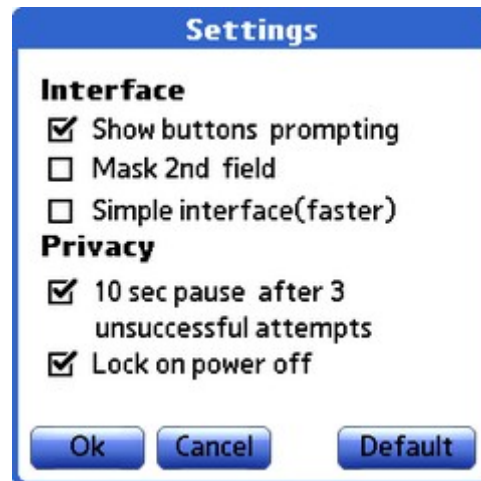
## Using Settings window

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You can always change the settings of the application. You can go to the **Settings** window using **System Menu** of the **Main** window.



**Settings** window consists of two parts: **Interface** and **Security** settings.



### Interface settings

- You can enable or disable tips for buttons using the element 'Show buttons prompting'
- If you interface works slow check 'Simple interface (better speed)' – the speed will become higher
- If you want to hide data in the second column, all data will be shown in this way '\*\*\*\*', check 'Mask 2nd field'

### Security settings

- As a default there is a 30 second password input freeze after every three wrong attempts to enter the application. You can disable this option, check '30 sec pause after 3 unsuccessful attempts'
- There is a default option of freezing the program when the 'Power off' mode is activated . To disable this function uncheck «Lock on power off»

## About window

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**About** window shows where you can buy the application. Product **Homepage** is also presented there. Tap the **Register** button to open the **Registration** window where you can enter the registration code. You'll receive the registration code after you purchase the product.



## Registration window

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You can purchase the application here: <http://www.pearmobile.com/>.



Once you purchase **PearPrivacy** the registration code will be e-mailed to you. After you receive it you should enter it in the **Registration** window. To open this window, you should tap 'Registration' in **System Menu**.

## How to uninstall the program

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To uninstall the program, delete it from the handheld using the standard system dialog as well.

Note! All minor updates are free of charge for registered customers!

Free usage of **PearPrivacy** is limited by 14 days.

You can purchase it here:  
<http://www.pearmobile.com/>

Product Homepage:  
<http://www.pearmobile.com/>

For support and suggestions of improving our products please write to: [support@pearmobile.com](mailto:support@pearmobile.com) or fill out our Request Form <http://www.pearmobile.com/support/>

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