**Home book**  
  
design, development and production by Dmytro Zaverukha

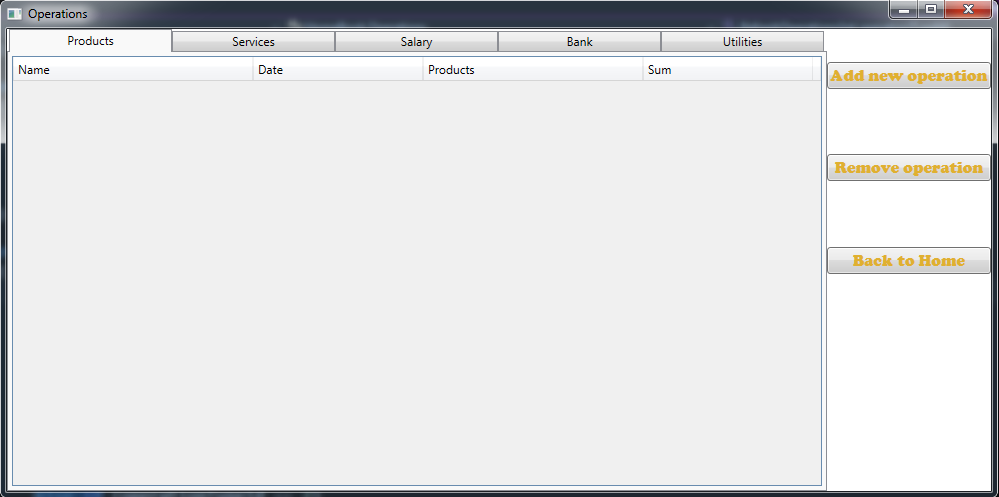
**I. User Guide**

1. When user starts the application the first window that showing is Home, where three boxes (buttons) are present (see pic.1.1):

* Operations – allow user to see all added operations by him;
* Reports – allow user to get operations filtered by some options;
* Settings – allow user to setup all necessary item that used when operations added.



2. Click on the first button “Operations” redirect user to another window where all added and available operations are present (pic 2.1).



This is a window which presented as tab control with five tabs for all types of operations that used in the application.

This tabs are:

* Product operation;
* Service operations;
* Salary;
* Bank operations;
* Utility operations.

In the upper right corner displayed something like sidebar with three buttons:

* Add new operation;
* Remove operation
* Back to home.

The first one (“Add new operations”) allows adding operation with a specific type. It’s open separate window with a form which used to add some properties to operation.  
  
It opens “Add operation” window with that type as currently selected tab in “Operations” window. To explain, for example, to add salary operation user need to select “Salary” tab and then click on “Add new operation” button. This will open the appropriate window with specific to this type of operation fields.

So, “Add new operation” button allows adding operation with specific type from each tab respectively.

2.1. From selected first tab “Product operations” click on “Add new operation” buttons. The “Add operation” window is open (pic. 2.2). As product operations are chosen in opened window displayed next fields:

* Type – allow choosing from dropdown another type of operation different from currently opened;
* Date – choose specific date of added operation;
* Operation name – short description of added operations.

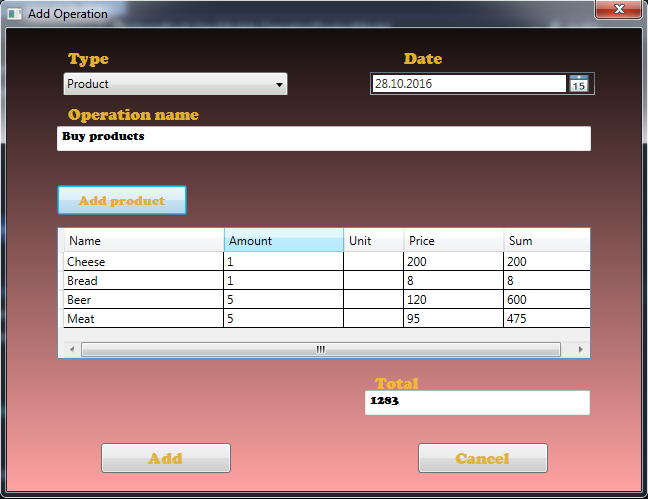
These three fields are global, so it’s available on all windows for adding different operations.

And specific to product operation fields are:

- Add product – button that needs to add product to this operation;

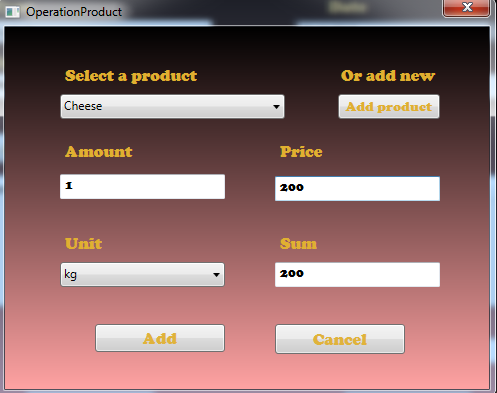
- Table – information of added to operation products;

- The total – field that shows the total sum off all added products. Read only, because this sum is automatically calculated by application behavior.



Focus more on “Add product” button. This button is an open separate window (pic. 2.3) from which user can add some product to operation with specific fields. As this is product operation than on this form presents next fields:

* Select a product – allows to choose from drop-down some product name;
* Add product – button that needs to add brand new product to this operation and to application at all;
* Amount – number of choose product amount;
* Price – price of the product;
* Unit – dropdown allows to select specific product unit, e.g. kg;
* Sum – sum calculated for selected product. Read only.



**Note: all fields required. You can’t allow adding operation product if some of the fields will be not filled.**

And,detailed more on “Add product”. This button also opens another window (pic. 2.4) where you can add new product typing the name of this product to a text field or cancel to add. The field is also required!



If all fields will be filled “Add” button is starting to be enabled and you can add your product to operation.

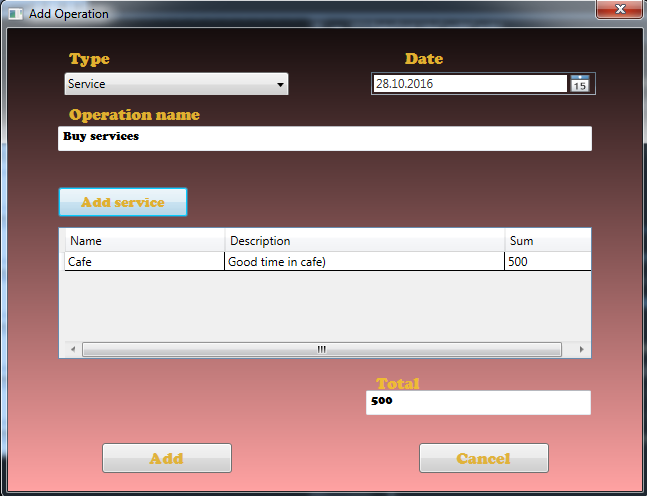
After click on “Add” button you return to “Add operation” window wherein the product table where already added previously product is displayed with appropriate fields. As all fields are filled, “Add” buttons is enabled – you can add this product operation and see it on main “Operations” window with all info about added operation.

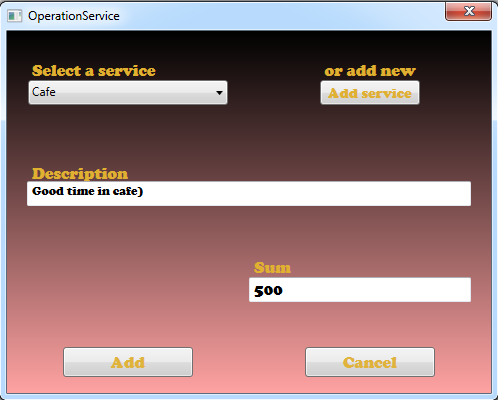
**Note: all fields on “Add operation” form are also available!**  
 **2.2.** Select second tab (“Services”) and click “Add new button” to add services operations.

The opened window (pic. 2.5) is pretty the same as “Add product” window this no need to more explanations. See 2.1 part of this guide.

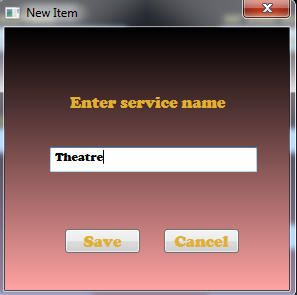
The difference in the window, that opensby clicking on “Add service” button. It’s also having like in operation product window dropdown where you can select some service and “Add service” that open the window to add brand new service (pic.2.6). Different fields are:

* Description – short description of added operation service;
* Sum **–** sum of adding service. In this case not ready only, it’s available and required to add some for selected service.

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**Note: all fields on “Add operation service” window are required.**

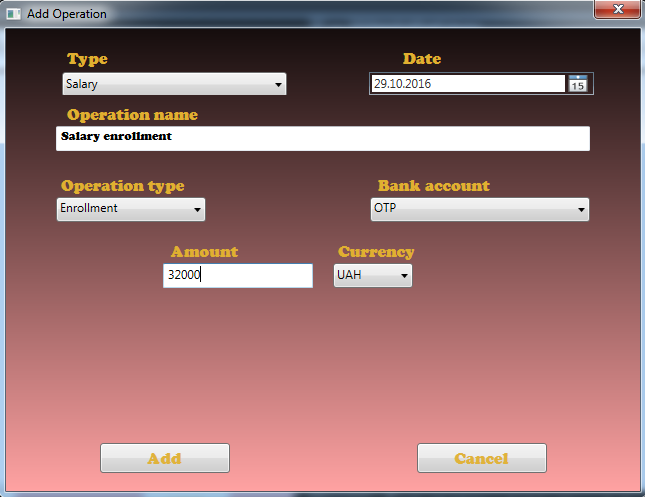


After adding all necessary services (pic.2.7) you can add this operation which will be immediately presented on main “operations” window.

2.3. “Salary” tab allows adding salary operations from this opened window (pic.2.8):

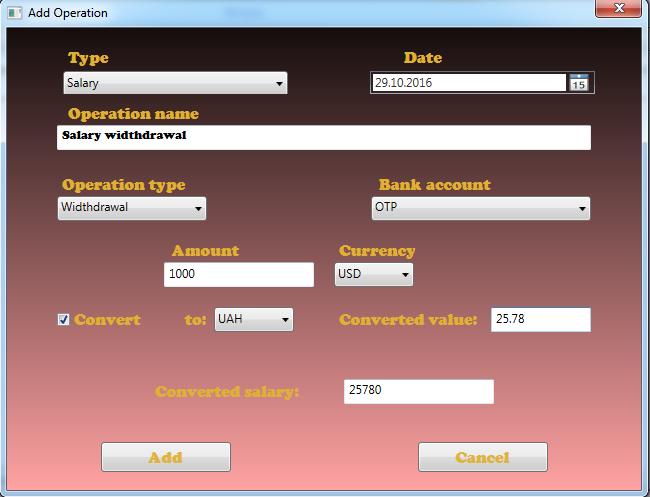
The fields’ specific to salary operation is**:**

* Operation type – dropdown that allows you to select the type of added salary operation: Enrollment or Withdrawal;
* Bank account – another dropdown to select from bank account (salary card) which related to only salary operations;
* Amount – amount of enrollment or withdrawal salary;
* Currency dropdown –currency of enrollment or withdrawal salary.



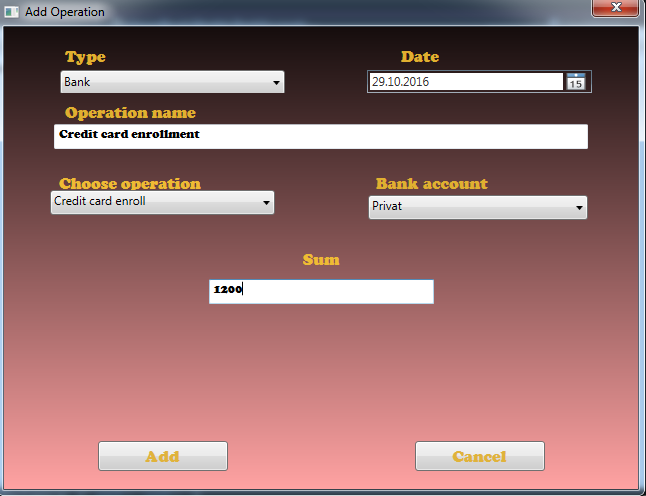
Other fields on this window for add salary operation is available when you select Withdrawal type (pic.2.9). Its show fields with not required options to convert salary amount to some another currency. After a check for Convert checkbox and type on Converted value, app behavior calculates the appropriate amount of converted salary.

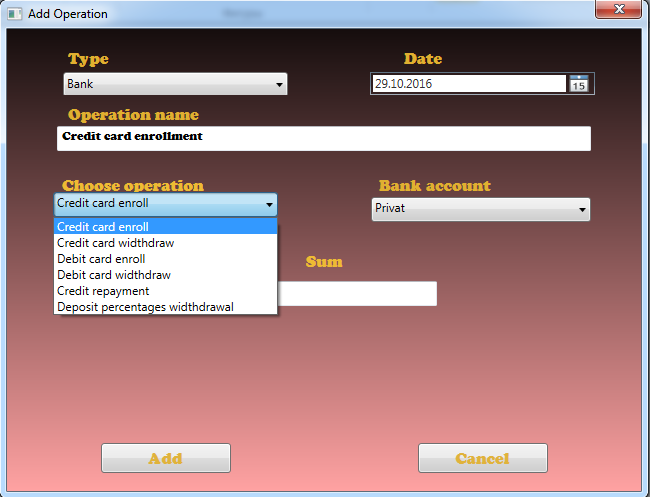
If Convert checkbox will be checked – this “converted options” fields will be also required.



2.4. From “bank” tab you can open window (pic. 2.10) from where Bank operations are added. Specific to this type of operation fields are:

* Choose operation dropdown – allow you to choose different type bank operation (pic.2.11), e.g. Credit card enrollment or Credit repayment;
* Bank account - another dropdown to select from a bank account which related to selected type of bank operation. For example: if Credit card enrolls – that in bank account you may select available credit cards;
* Sum – sum of bank operation, for example, the amount of credit repayment.

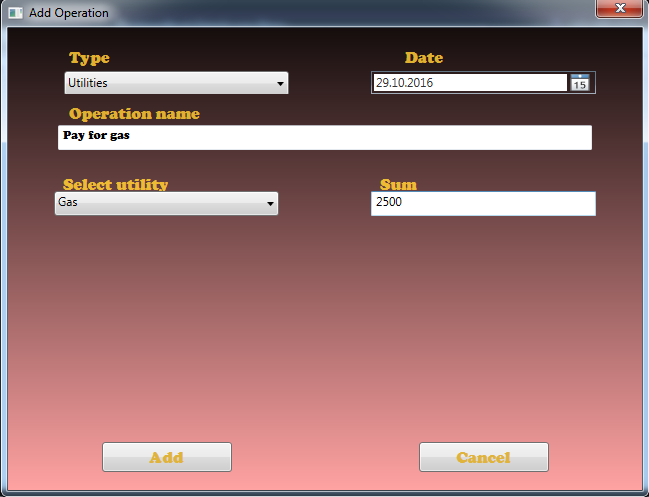


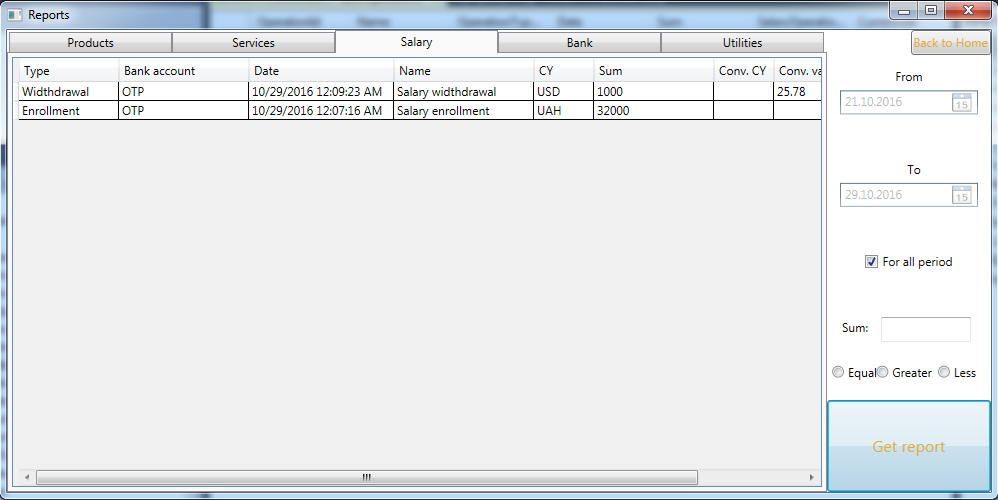


2.5. From “Utility” tab you can open window to add utility operation with specific fields (pic.2.12):

- Select utility dropdown – allows you to choose type of utility (Gas, Electricity, etc.);

- Sum – sum of utility operation.



3. From home, window clicks “reports” button to open a separate window (pic.3.1).  
  
In appeared window, you can see the same design as in “Operations” window. As “Reports” allows getting operations with specific filters, this tab controls will be the same, with that five tabs for Product, Services, Salary, Bank and Utility operations. The reported data is displayed in each tab in the same fields as on “operations” window.  


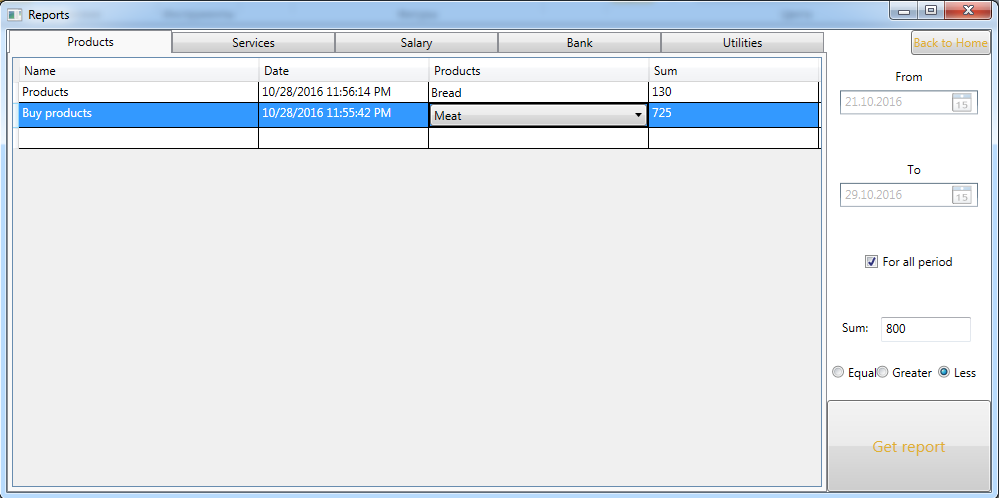
So, this not needs to take more time to explain of that.

Different is a right sidebar, where presents options to the filter of requested reports. It allows you get operations:

- For some date from or date to;

- get operations for all period;

- get operations filtered by the sum. You can select three options for this filter: equal, greater or less, and reported data will contain operations filtered respectively.  
  
After choosing all necessary option clicks on “Get report” button to request the application to get back and show appropriate data (pic.3.2).



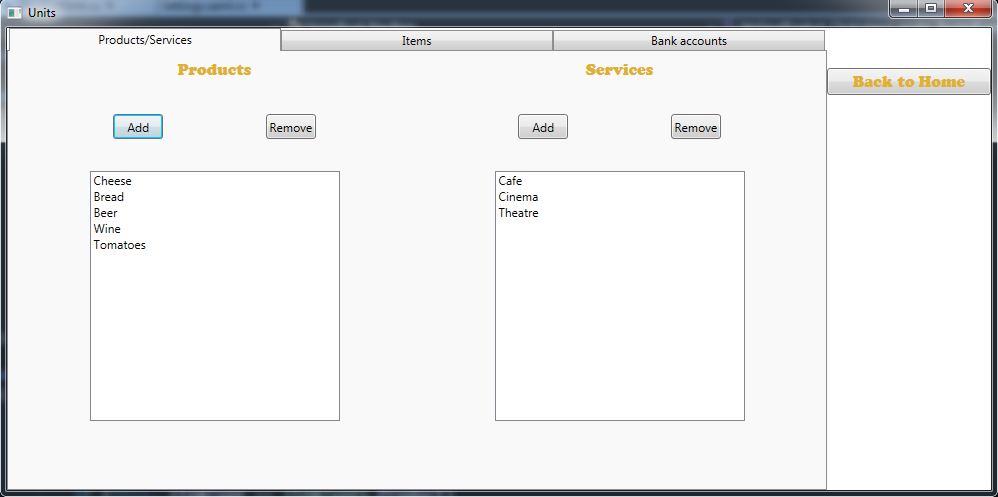
4. Clicking on last “Settings” button from the main window, you will be redirected to the window, where you allow to add product or services, some item, for example, currencies or add a bank account to use all of it in adding operations.

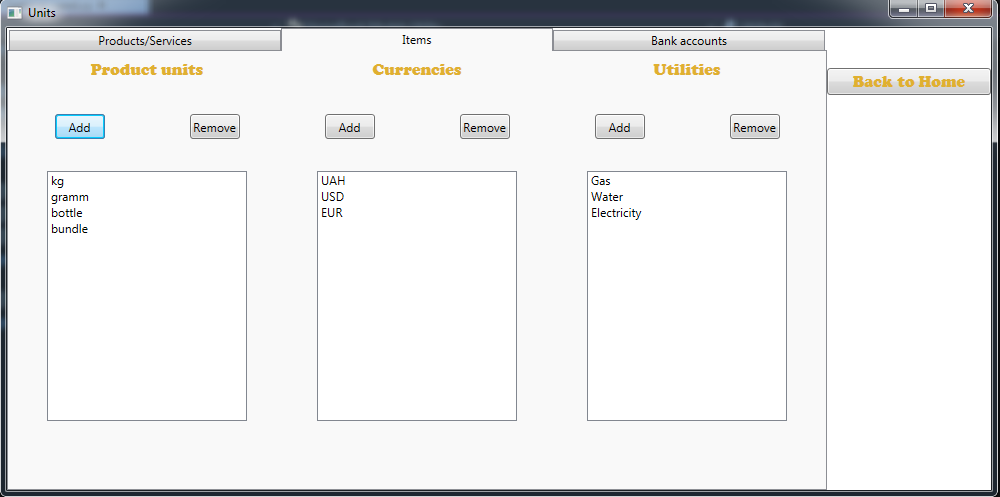
So, this window separates by three tabs:

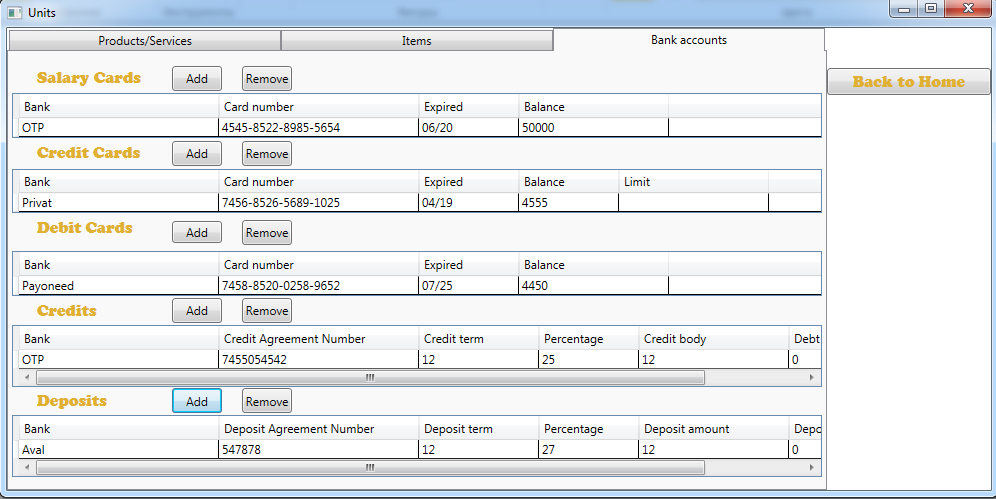
- Product/Services (pic.4.1) – allows you to add brand new products or services or remove that;

- Items (pic.4.2) – where you allow adding or removing product units, currencies, and utilities;

- Bank accounts (pic.4.3) – allow you to add or remove specific types of bank accounts as Salary cards, Credit cards, Debit cards, Credits, and Deposits.

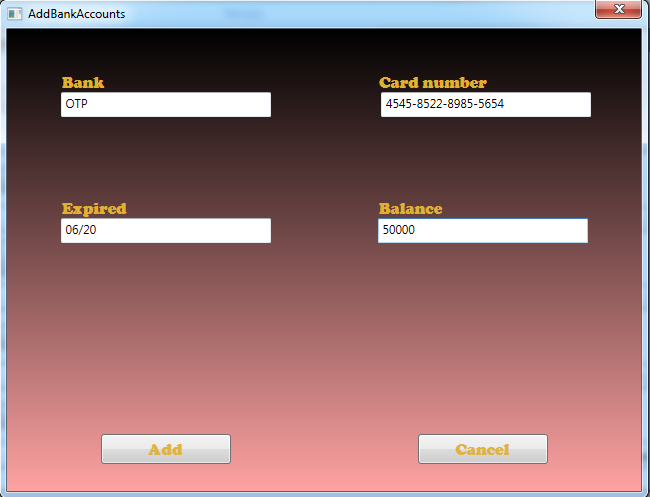


  
Near each of bank accounts table, you can see two buttons that allow you add or remove that respectively.

Add button open separate window with specific to the type of bank accounts fields.  


4.1. When you click on Add for Salary cards window opens with next fields (pic.4.4):

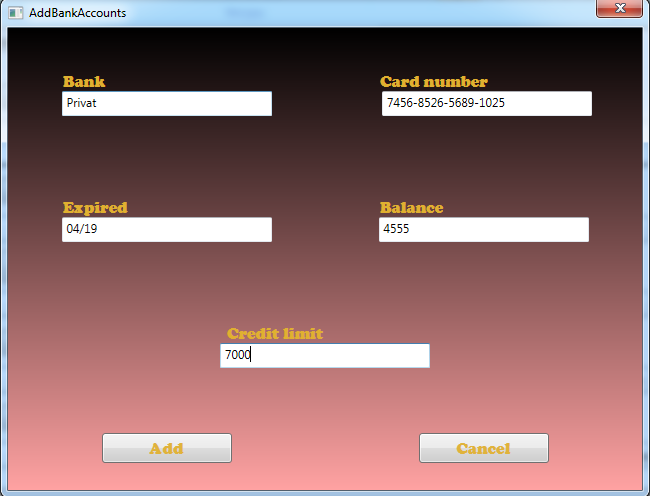
* Bank – name of bank where you open your salary card;
* Card number – number of salary card
* Expired – expiration of your salary card;
* Balance – balance available on salary card.



**Note: all fields required. Add button will always state as inactive if some of the fields will be not filled!**

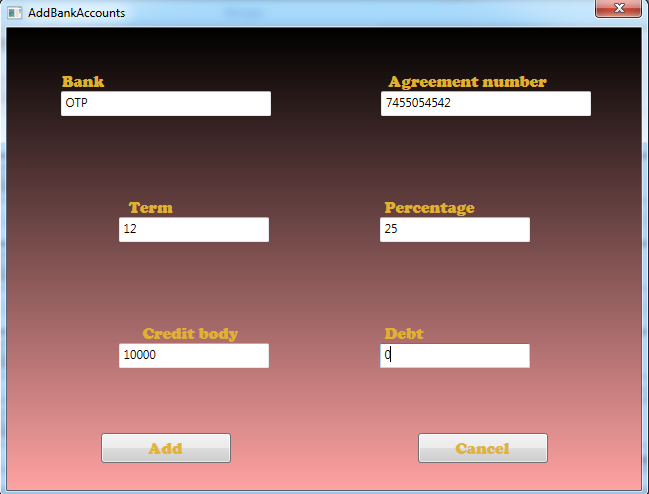
Some fields are general for different type of bank account.

4.2. For Credit cards in “add bank counts” window specific is “Credit limit” field, which needs to type there limit the amount of credit card (pic.4.5).



4.3. The window for Debit cards is the same as for salary cards, so this no need more explanations.

4.4. Credits add window (pic.4.6) has:



- Agreement number – number of added credit;

- Term – period for which you take the credit;

- Percentage – percentage of credit amount;

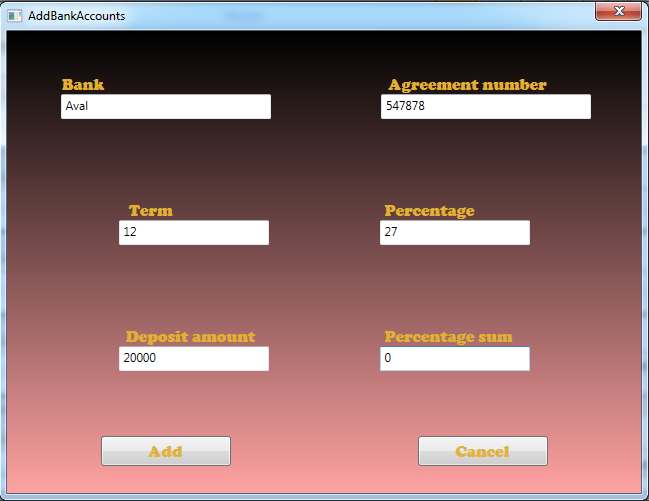
- Credit body – amount of money that taken as credit;

- Debt – remainder of credit, that needs to be repayment;

4.5. Deposit adds window has the same fields as on Credit (pic.4.7), but latest differ:

- Deposit amount – amount of taken deposit;

- Percentage sum – sum of available deposit percentage that accrued on the deposit amount.



**Note: All fields presented on a different form for adding bank account are also required and need to be filled in order to add this bank account to the application.**