Banking System Management Software

Team Members: Giorgio, Oleksii

The Banking System is Client based application, Where the Client creates a User Account, and must make a request in the system to open Bank Accounts, which grant access to basic ATM functions (Withdraw, Deposit, Sending money), As well as Credit Card and Credit Score functionality. The user can read and invest in stocks, calculating their projected income as well as displaying their spending history through graphs filtered by periods of time.

The Users can use the special Credit Card number provided to them to make purchases, as a Statement will be generated and can be printed to PDF with Account mailing address for money owed and will be provided with a fully functional calendar on the application to view bill deadlines, Bank meetings, etc...

There will be a separate part of the Application, either a second EXE or special login credentials for the Bank workers to log in, which will have access to all the user accounts. They will be able to open, close and modify accounts for the users who have requested so. The Users can enter a public chat through the System for different categories, Technical or Financial Assistance which will connect them to a chatroom.

Technologies used:

\* Drag and drop

\* PDF-generation

\* WPF

\* SQL Databases

\* Printing

\* Scanning

\* Storing binary data (pictures) in a BLOB

\* Chart or Graph generation

\* Exchange Rates/Stock API’s

\* Camera Access

\* StackPanel, Gridsplitter

\* Cloud Storage

Libraries used:

-LINQ

-Calendar

-Graph

-Other NuGet libraries

