

Software Development Proposal for MonMan - Money Manager for Individuals

Developer

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Project Summary

MonMan is a Windows 8 app for managing income and expense resources for individuals.

User adds entries for defined income and expense categories that are saved on Azure Cloud Database. App shows in/out moves for the account by date with graphs. Recommendations are shown based on income and expenses for budget efficiency.

Services & Technology

Technologies and functions used by the project – such as:

- Azure Web services, database and Facebook/Twitter authorization services for login screen.
- Form elements (Textbox, Radio Button, Button, Grid, ListView) for Form Module.
- Data Grid for showing records.
- Windows 8 [Modern UI Charts Library](#) to show graphs.

Functional Design

Project is divided into modules:

- **User Login:** Facebook, Twitter accounts – No need to fill registration form.
- **Form:** Adds entries for defined categories with date information.
 - **Income:** Salary, Assets
 - **Expense:** Bills, Groceries, Entertainment, Investment
- **Data Grid:** Shows transactions.
- **Graph:** Shows line chart by date and pie chart for categories.
- **Recommendations:** Recommends to save/spend money using average income/expense data.

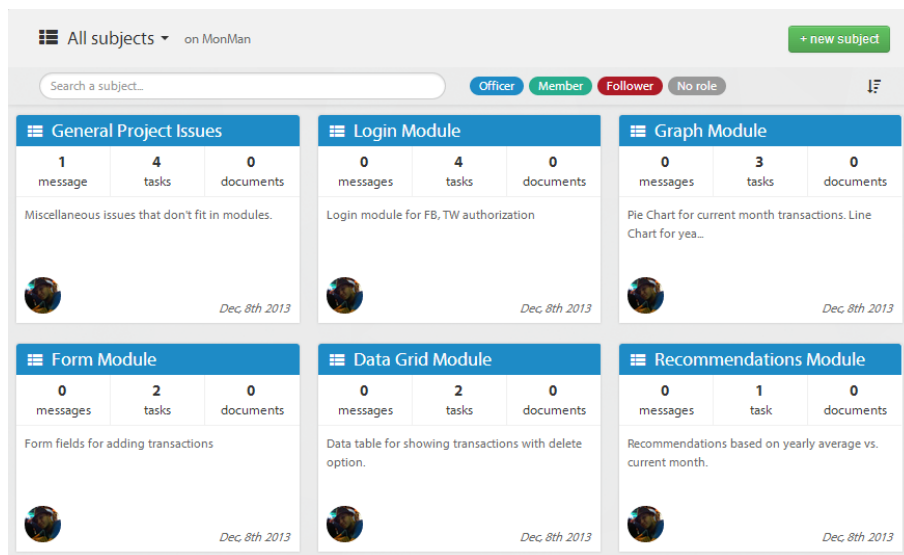


Figure 1 Module Categorized Tasks on MonMan Project

Sample Usage of app

- 1) User authenticates and logs in to the app.
- 2) Saved transactions are shown in data grid for the user.
- 3) User can add new transaction using form.
- 4) Graphs are shown based on transaction data.
- 5) Recommendations are shown based on transaction data and average values.

Proposed UI

Initial UI design has two screens.

- 1) User Login with Fb/Tw Authentication



Figure 2 Facebook / Twitter Authorization/Login Buttons

- 2) App Main Screen



Figure 3 First design of MonMan

Since project hasn't been finished yet there might be some changes in design.