



Ankara Yıldırım Beyazıt University
Department of Computer Engineering

CENG 201 – Object Oriented Programming Course Project

Expense Tracker Application

Design Report

Mehmet Emre Yıldız
Mustafa Kemal Mustafa Mustafa
Nurten Çiftçioğlu
Furkan Demir
Berat Mut

Instructor: Muhammed Abdullah Bülbül
Teaching Assistant: Elif Şanlıalp, Yusuf Şevki Günaydın
Date: 08/12/2024

Table of Contents

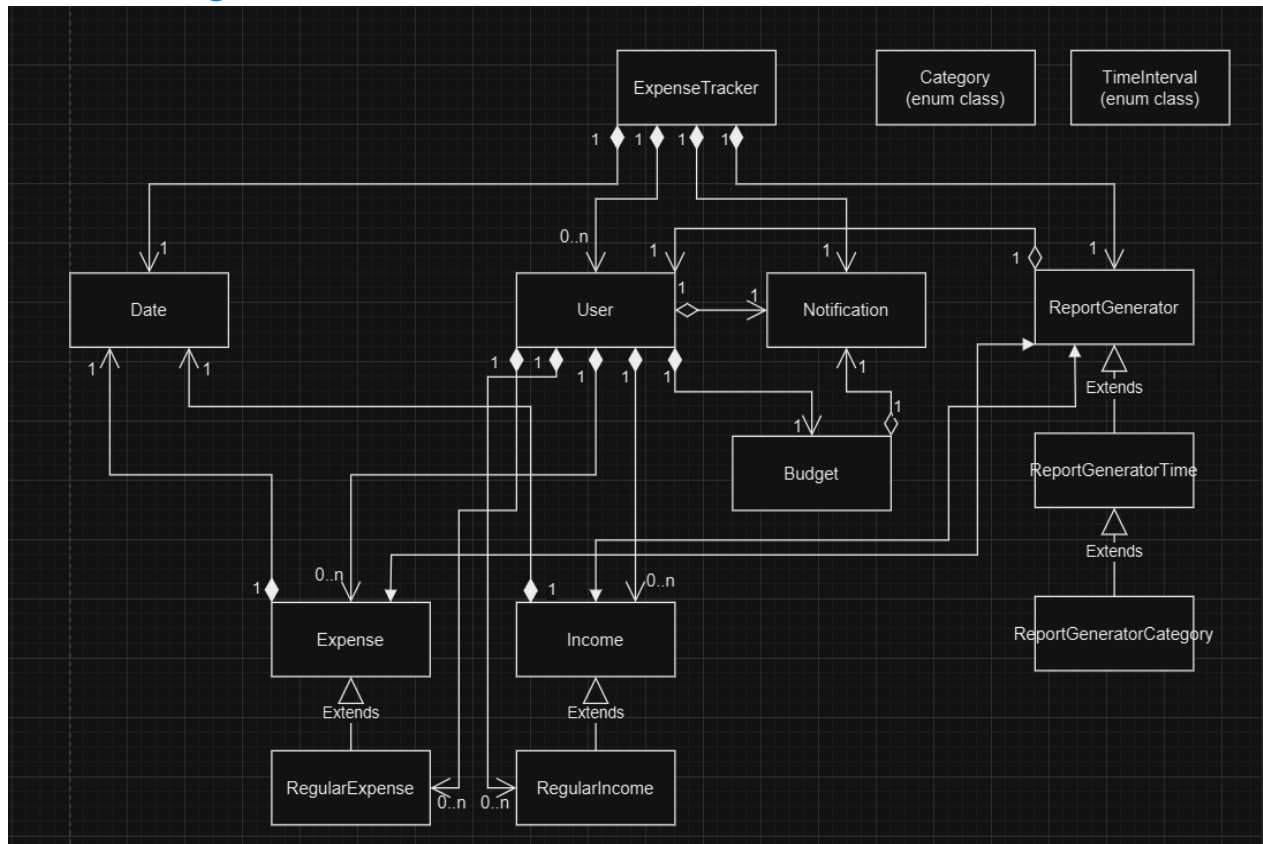
| | |
|-------------------------|------|
| 1. Introduction | 2. |
| 2. Class Diagrams | 2-3. |
| 3. CRC cards..... | 4. |
| 4. Conclusion..... | 4. |

1. Introduction

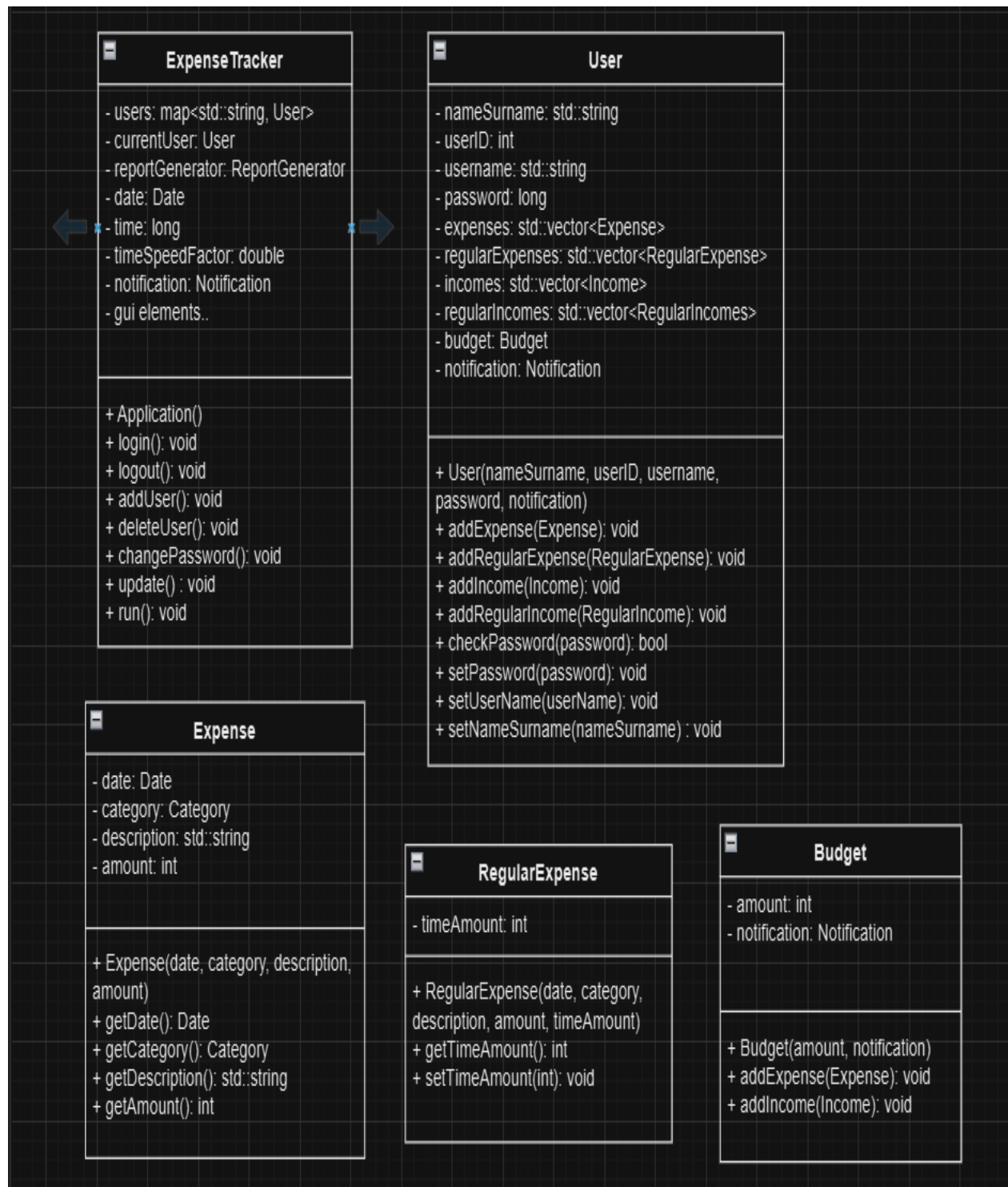
This project involves developing an expense tracking application that enables users to log expenses, categorize them, set monthly budgets, and receive notifications if they approach or exceed their budget limits. The application is intended for multiple users, allowing each to manage their expenses independently while accessing reporting and budgetary insights.

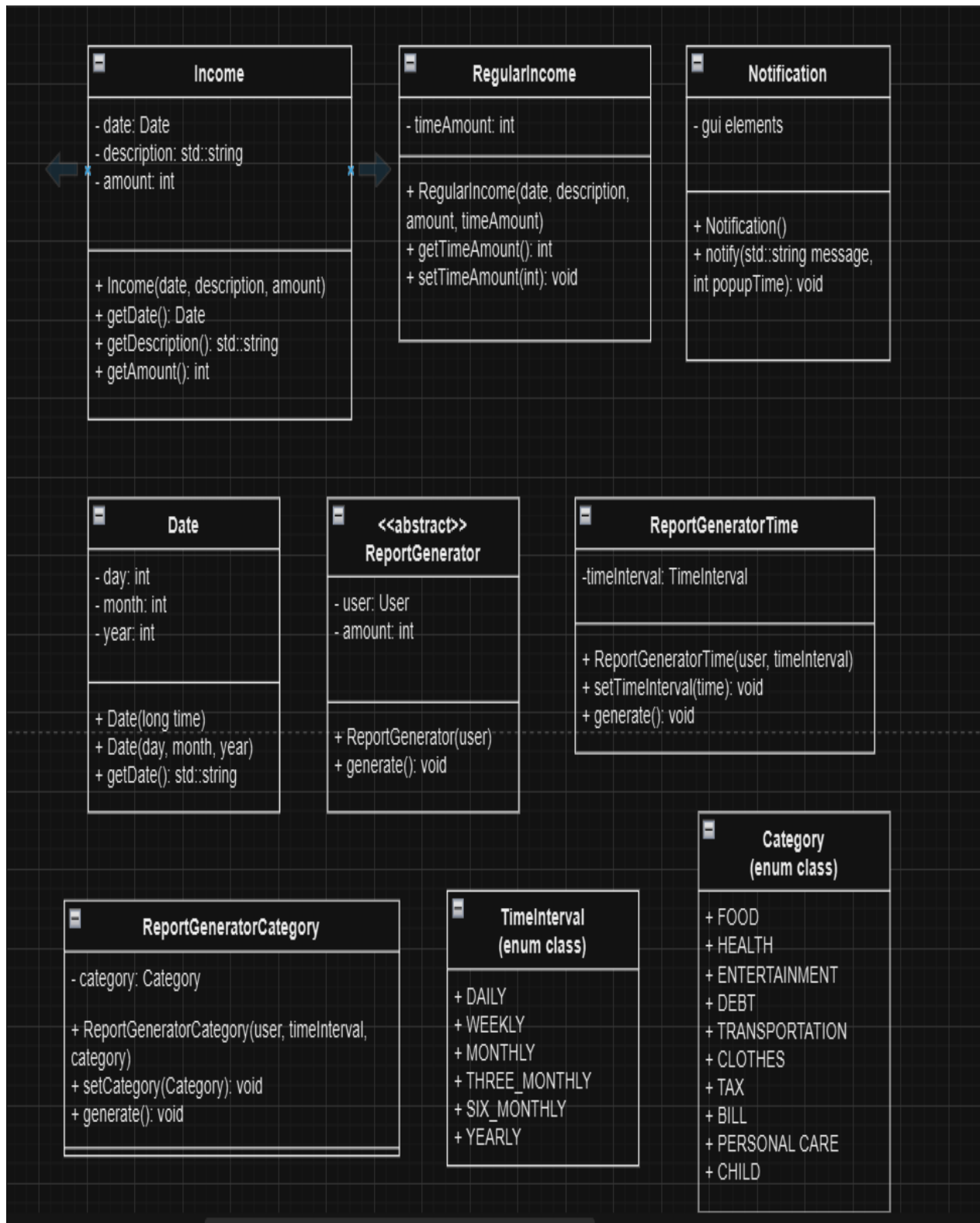
This report contains the CRC cards (Class-Responsibility-Collaboration) and an UML Class Diagram for viewing the general structure of the project.

2. Class Diagram



And here are the detailed blocks for each class.





3. CRC Cards

Please refer to CRC Cards.pdf for viewing them.

4. Conclusion

In this report we designed the general structure of our project and generated an UML Class Diagram. We have also generated CRC (Class-responsibility-collaboration) cards to help better understand the general structure of the project.

Nurten Çiftçioğlu --- Generated the UML Class Diagram and reviewed the CRC cards and the report.

Furkan Demir --- Generated the CRC cards and reviewed the UML Class Diagram and the report.

Mehmet Emre Yıldız --- Generated the report and reviewed the UML Class Diagram and CRC cards.