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TFB1033 / TEB1043 OBJECT ORIENTED PROGRAMMING

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Problem Statement

Small businesses often struggle with managing their financial transactions due to the use of old and traditional accounting systems. Many existing solutions are either too expensive or difficult to use. As a result, small businesses face challenges in maintaining accurate records, and managing cash flow, which can lead to financial mismanagement and confusion.

Objective

The objective of this mini accounting software project is to develop a user-friendly solution tailored for small businesses. The software will simplify bookkeeping tasks, such as tracking income and expenses as well as inventory management. It aims to provide an intuitive interface, automated data entry features, and real-time financial reporting, enabling businesses to maintain accurate financial records and make informed decisions for better financial management.

Similar software

- Bukku
- Expensify
- quickbooks

Tools that will be used

- Blazor Framework
- Bootstrap for styling

- SQL for database

Proposed features

Dashboard

- To provide a comprehensive view of both expenses and revenue streams. Users can view and track detailed insights into expenditures, categorize expenses and revenue stream.
- Charts will be added to ease the visualization process of users
- Graphs will be utilized for users to analyze their financial performance

Expense tracking

- Users are able to create their own category for expenses to simplify tracking

Transaction history

- Users are able to look back on their transaction history

Inventory management

- Users are able to create and manage purchase orders for new inventory items.

User Sign-up/Login/Logout

- Has 2 factor authentication method for login to ensure security