Project Presentation

Expense Tracker.

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Item Name:

Amount (Rs.):

Add Expense

Update Selected

Delete Selected

Logout

Total: Rs.910.00

ID	Item	Rs.
1	Test	500.00
2	update	50.00
3	Delete	360.00

Bismillah-ir-Rahman-ir-Raheem

شُروع اَللہ کے پاک نام سے جو بڑا مہر بان نہایت رحم والا ہے

Expense Tracker

A python program that help users take control of their expenses.

The project uses, file handling, Built-in and external Modules, data persistency and supports multiple users.

```
1    import os
2    import pyttsx3
3    import json
4    from datetime import datetime
```
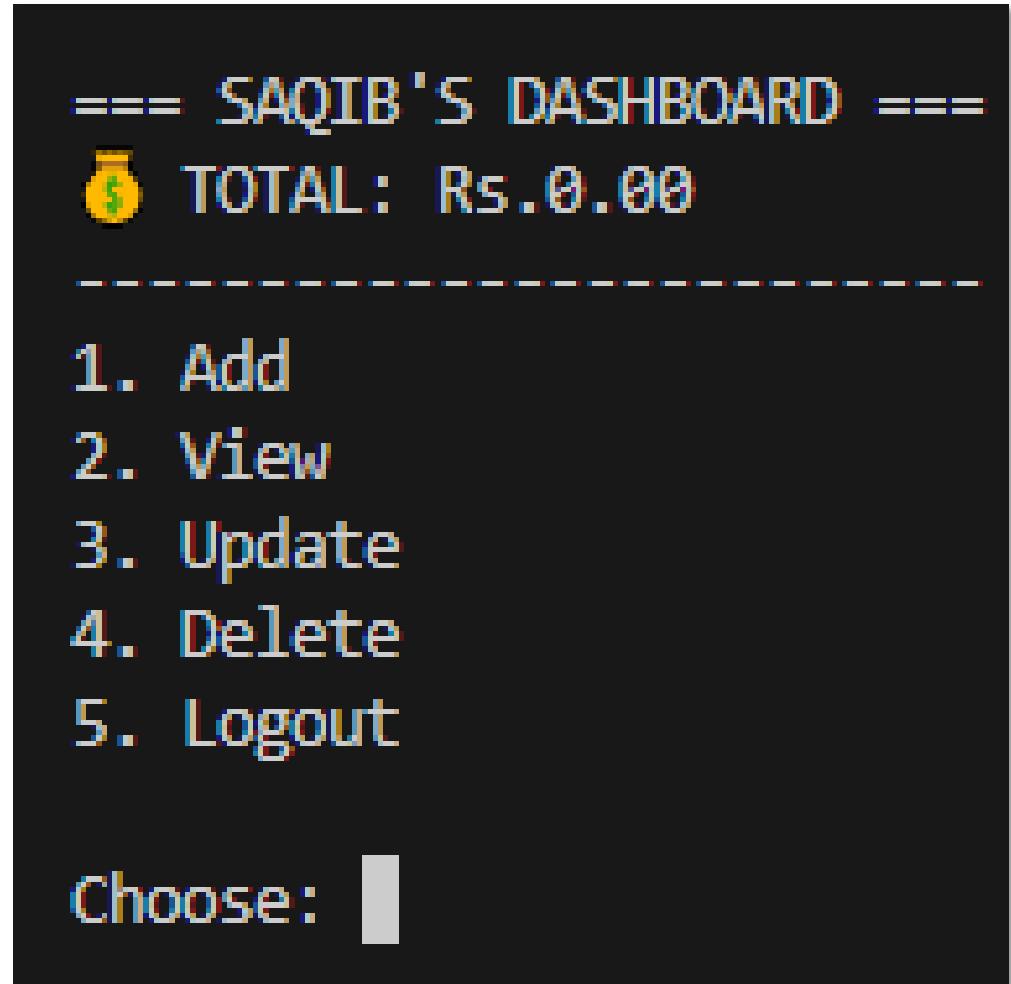
The code uses four modules.

- OS (Built-in)
- Pyttsx3 (External)
- Json(Built-in)
- Datetime (Built-in)

Features

The project uses CRUD operations.

- Add (Create)
- View (Read)
- Update (Update)
- Delete (Delete)

OUTLINE
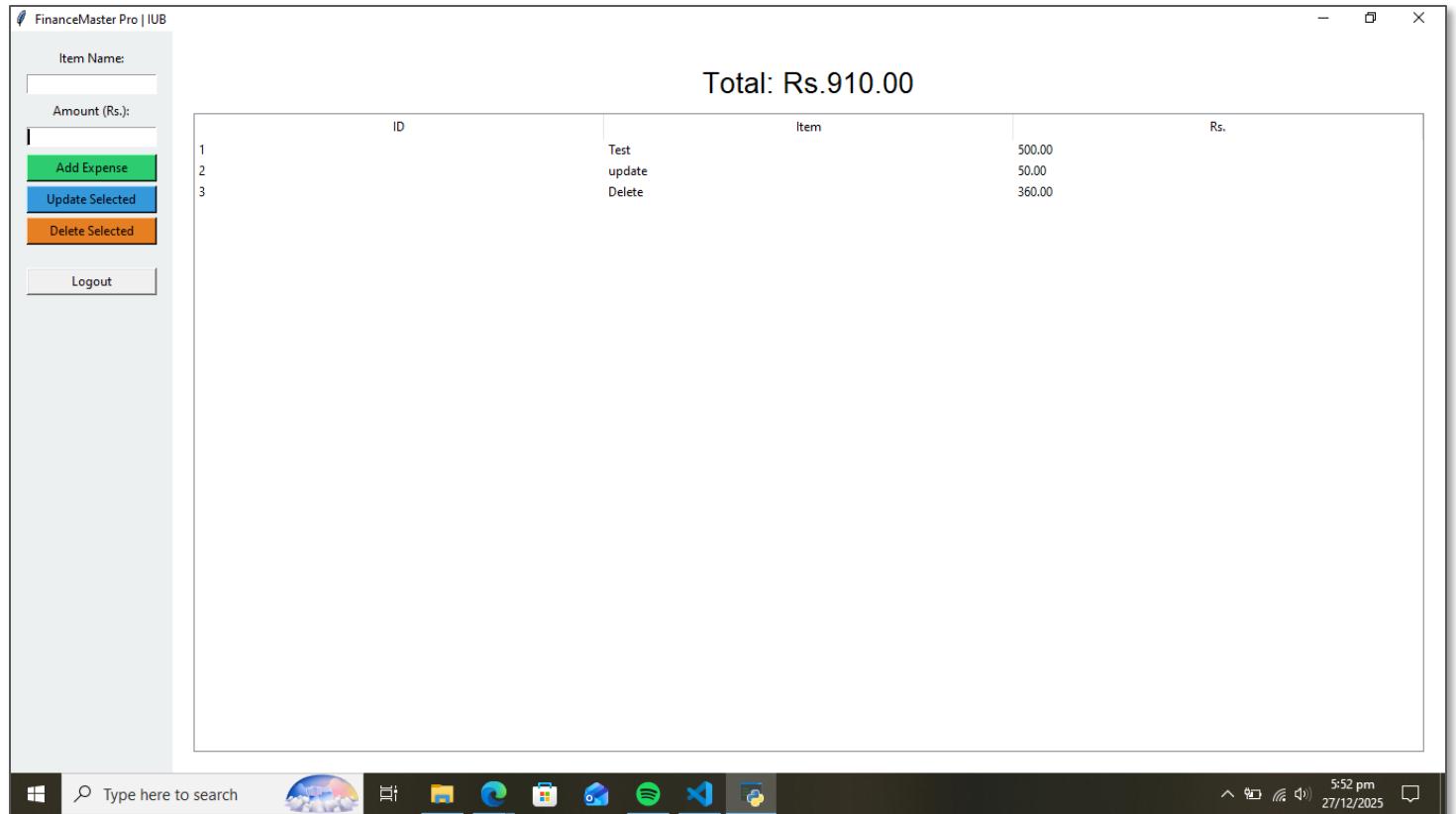
- DB_FILE
- > speak
- > load_data
- > save_data
- data
- current_user
- clear_screen
- > auth_menu
- > add_expense
- > update_expense
- > delete_expense
- > view_history
- > main_dashboard

Code Outline

- Uses Multiple Functions
- DB_FILE to save data
- speak (Uses pyttsx3 | External Module)
- laod_data and save_data (Json)
- clear_screen (OS | clear screen)
- auth_menu (For Log-in and Sign-up)
- add_expense, update_expense, delete_expense, view_history (For CRUD operations)
- main_dashboard (For Main menu)

Vibe Coding

- By using Gemini. We can convert a simple CLI program to a beautiful python application.

Any Question

Thanks

Scan QR to access code