Project Status Report 3
Group 8

Meeting Minutes: Week-6 / 10-20-23

Discussed on RestAPIs Design
- Abhishek Shred YouTube tutorials for developing a Python backend using Flask API.
- Mongodb setup and database model to be created for personal expenses.
- Creating and Integrating RestFull WebServices for the personal expense manager using a flask.
- Abhishek has started a template of code for the Python backend.
- Backend developers will use this to build the remaining objects.

Discussed revamping the UI design
- Need to capture the complexities of the demo version.
- Need to capture all the functionality of the group expense page.
- Went through the specific planned layout of the group page.

Discussion on Database Schema
- Brainstorming session for creating a robust DB schema with scalability in mind.
- Group and bill settlement DB design.
- Each expense has a generated primary key (based on timestamp).
- Discussed adding filters to the expense list.

GitHub: https://github.com/abgupta09/Expense-monitoring-System/tree/main

Jira: https://soft-eng-fall23-g8.atlassian.net/jira/software/projects/SG/boards/1

Meeting Attendance:

Name	Abhishek	Julia	Siddharth	Jiuzhou	Haolong
Present(Y/N)	Y	Y	N	Y	Y

Individual Contributions:

Abhishek Gupta:
- Create database models and collections in MongoDB.
- Created Flask app for rest APIs.
- Implemented and tested rest APIs for userRegistration, Login, Auth Tokenizing, and ValidateUser.
- Implemented login and user registration page in the React app.
- Added routing to the react application.
- Integrated backend with frontend using Flask Application.
- Raised pull request and merged PR. ([#2](), [#3]())
- Implemented bill settlement algorithm.
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Julia Peterson:
- Took minutes for the weekly meeting
- Created status report document

Haolong Yang:
- Join the weekly meeting.
- Learn MongoDB following the tutorial on YouTube.

Siddharth Krishnakumar:
- Scheduled the weekly meeting and planned on creating a wireframe document of the Dashboard page for designing the Dashboard page.

Jiuzhou Lu:
- Learned Flask and MongoDB.
- Created a folder and files for implementing the APIs for the group expenses section.
- Added document classes, created Flask app, database connection, and other code.
- Implementation is in progress for the REST APIs for the group expense section.
- Created pull request to main ([#4]()).