Project Status Report 5
Group 8

Meeting Minutes: Week-9 / 11-13-23

Discussed the comments on status report 3
- Duplicate documents on GitHub needs to be inspected.
- Discussed on GitHub branches naming convention.

Discussed setting up the local environment
- Adding all the contributors to the MongoDB project.
- Instructions for setting up the project are on the GitHub.

Discussed the work so far
- Personal expense features are complete.
- Group Expense API work has started and is on track.
- The front-end work for group expenses is running in parallel.
- Bill bill-splitting algorithm is complete.

Discussed specifics of how the group page will work
- Groups Scrollable list component will list all the groups a user is associated with.
- Group expense Scrollable panel on the right will show a table of all the expenses for a group.
- Below the panel will be a payment summary button
    - This will show the summary of the payment that has to be done to clear the debt.
    - A user can check box the payment on the payment summary and submit it to make the payment.
    - The payment done by a user will be reflected in the group expense list.

Discussed the data collection for the group page
- One collection will contain the group name, groupID, date, creator, users
- Another collection GroupExpense will capture all the expenses related to the group which will be associated with groupID.
- A new collection will be created for each group to make the query faster.
- When the group is deleted the GroupExpense collection will be deleted and the associated expenses in the collection will be deleted as well.
- Discussed some potential problems and alternatives to the group structure

Future Work

- Discussed the deployment and email notification features. Will work on this next week.

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	Y	Y	Y

Individual Contributions:

Abhishek Gupta:
- Implemented Bill Splitting Algorithm.
- Implementation of APIs for personal expenses (add, edit, and delete).
- Helped team members with environment setup and installation.
- Brainstorming for redesign of group expense mechanism.
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Julia Peterson:
- Took minutes for the weekly meeting.
- Created status report document.
- Began working on designing a QA test plan.
- Did research on MongoDB usage.

Haolong Yang:
- Attended the weekly meeting.
- Set up a MongoDB account and joined the group.
- Learn to set up the backend and frontend environment.

Siddharth Krishnakumar:
- Scheduled Weekly meeting with the team to discuss the progress of the project. Saw tutorials on MongoDB.

Jiuzhou Lu:
- Learning React.js
- Upgrading the login and register page frontend page.