

**WALLEE. PERSONAL FINANCE APP
PROGRESS EVALUATION REPORT #6**

Wallee. Personal Finance App

1) Members :

- Emma Bahr : ebahr2022@my.fit.edu
- Matteo Caruso : mcaruso2023@my.fit.edu
- Joshua Cajuste : jcajuste2022@my.fit.edu
- Kyle Gibson : kgibson2022@my.fit.edu

2) Faculty Advisor : Dr. Siddhartha Bhattacharyya sbhattacharyya@fit.edu

3) Client :

- Doug Gibson - Small Business Owner
- Dr. Siddhartha Bhattacharyya - SWE/CSE Professor & Advisor

4) Task Matrix for Milestone 6 :

Task	Compl. %	Emma	Matteo	Kyle	Joshua
Finalize testing	95%	24%	24%	23%	24%
Finish the poster for senior design showcase	100%	25%	25%	25%	25%
Finish the technical documentation	100%	25%	25%	25%	25%
Upload the app on the stores	20%	0%	10%	0%	10%
Continue to collect application feedback via users	95%	25%	25%	25%	20%

5) Discussion of each accomplished task (and obstacles) for Milestone 6 :

1. **Finalize Testing:** The team completed final rounds of functional, usability, and compatibility testing to ensure that all core features of the application work as intended. This included identifying and resolving remaining bugs, testing edge cases, and confirming that the application performs reliably across supported devices and platforms. The primary obstacle encountered was coordinating test coverage across multiple feature branches simultaneously, which occasionally led to merge conflicts and required additional time to resolve before testing could proceed on the unified codebase.
2. **Finish the Poster:** The team finalized the showcase poster to clearly present the purpose, features, technical implementation, and outcomes of the Wallee application. This included organizing visuals, summarizing project goals and accomplishments, and ensuring the poster was polished and showcase ready. No major obstacles were encountered; minor revisions were made following internal review to improve visual clarity and conciseness.
3. **Finish the Technical Documentation:** The team completed all remaining technical documentation for the project, including system architecture details, feature descriptions, implementation summaries, and deployment and maintenance instructions. The team divided documentation responsibilities by module to parallelize the work. One minor obstacle was ensuring consistency in terminology and formatting across individually authored sections, which required a final consolidation pass.
4. **Upload the App on the Stores:** The team began preparing the application for submission to the Apple App Store and Google Play Store, including finalizing required assets and reviewing store submission requirements. The primary obstacles were the time required to meet each platform's compliance requirements — such as privacy policy, screenshots, and age ratings — and resolving build configuration issues specific to release mode. As a result, this task remains in progress and is expected to be finalized following the milestone.

5. **Continue to Collect Application Feedback via Users:** The team continued gathering feedback from users to better understand the strengths and weaknesses of the application. Feedback was collected through informal surveys and direct user sessions, focusing on UI/UX clarity, feature completeness, and overall stability. The feedback was largely positive, with users noting improvements following the glass card UI redesign. Common suggestions included more granular filtering on the expense history view and enhanced notification support for budget thresholds, both of which have been logged for final refinements.

6) Discussion : Contribution of each team member to Milestone 6 :

All team members have actively participated in every phase of the development process thus far. The evaluation and selection of both technical frameworks and collaborative tools were conducted collectively to ensure total team alignment.

- **Emma** : Continued work on implementing the needed tables throughout the database to ensure all data was being stored efficiently and safely. Also continued to monitor the team's progress and keep the team on track to complete the necessary measures for the milestone
- **Matteo** : Finalized the UI for the main with a glass card effect, dynamic background and started applying it to the other pages. Finalized the pdf reports to include budgets, income, expenses, suspicious transactions and goals. Additionally, the main.dart was reviewed to move some methods into separate files to allow easier access and maintenance.
- **Joshua** : Worked on synchronization between the Budget and Goal pages and contributed to the development of profile and settings-related functionality. Also supported testing and refinement of core app features to improve usability and functionality. Assisted with backend integration and feature development needed to support financial data tracking across the app.
- **Kyle** : Focused primarily on chronological tracking and calendar-related functionality while also contributing to the database architecture for budget persistence. Assisted with backend integration and feature development

needed to support financial data tracking across the app.

7) Lessons Learned over Project :

1. Investing time upfront to define clear database schemas and table relationships prevented significant rework during later milestones. The team learned that schema changes mid-development are costly and disruptive, reinforcing the importance of thorough data modeling before implementation begins.
2. Achieving a polished and consistent user interface took more iterations than initially anticipated. The team found that incremental UI improvements – such as the glass card redesign – required revisiting multiple pages and components, underscoring the value of establishing a design system early in the project lifecycle.
3. Developing with Flutter for both iOS and Android exposed platform-specific differences in behavior, performance, and store submission requirements. The team learned to test on both platforms continuously rather than leaving cross-platform validation to the end.
4. External user feedback proved invaluable for prioritizing features and catching usability issues that internal testing missed. Beginning feedback collection earlier in the project would have allowed more time to act on findings before the final milestone.
5. While the team collaborated effectively, milestones where individual tasks had clear owners progressed more efficiently than those with ambiguous responsibility. The team learned that pairing shared ownership of outcomes with individual ownership of deliverables strikes the best balance.
6. Leaving technical documentation until the final milestone made it more time-consuming and increased the risk of inaccuracies. Writing documentation incrementally as features are built is a practice the team would adopt from the outset in future projects.

8) Date(s) of meeting(s) with Client during Milestone 6 :

- **Meeting 1: April 1, 2026**

9) Client feedback on the current milestone

- Mr. Gibson : Application features are satisfactory
- Dr. Siddhartha Bhattacharyya : see Faculty Advisor Feedback below.

10) Date(s) of meeting(s) with Faculty Advisor during Milestone 6 :

- Meeting 1: April 20, 2025

11) Faculty Advisor feedback on each task for Milestone 6 :

Faculty Advisor Signature: _____ **Date:** _____

12) Evaluation by Faculty Advisor

- **Faculty Advisor :** detach and return this page to Dr. Chan (HC 209) or email the scores to pkc@cs.fit.edu.
- **Score (0-10) for each member :** circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10).

Emma	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Matteo	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Joshua	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Kyle	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

Faculty Advisor Signature: _____ **Date:** _____