

Subscription Management and Tracking App

Team Members:

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Faculty Advisor: Khaled Slhoub - kslhoub@fit.edu

Progress of current Milestone:

Task	Completion	Abdulwahab	Yosef	To do
Research and select the technology stack for mobile app	% 100	%50	%50	none
Develop a basic user interface to visualize the key features.	% 100	%75	%25	none
Set up version control and collaboration tools for the team.	% 100	%50	%50	none
Begin documentation, including requirements and design specifications.	% 100	%50 Requirements %50 Design	%50 Requirements %50 Design	none
Test Plan	% 100	%50	%50	none
“hello world” demos	% 100	% 100	%0	none

Discussion:

Note: These tasks are ordered by their order on the matrix;

- **Task1:** We researched what is the best approach to develop a mobile app for both android and IOS, and we found the best approach is to use React Native and Javascript. The difficulty we are going to face is our background about React Native, we don't have much experience about it but we are learning.
- **Task2:** We used Figma tool to develop a basic UI, we chose Figma because of one unique feature that it does provide, which is converting the design to a React Native code.

- **Task3:** We are using a couple of tools to help us collaborate to finish our project. These tools are Google Docs, GitHub, Discord, and Figma.
- **Task4:** We met with Professor Slhoub to gather the requirements needed for our project, then we began the documentation process, which includes the requirements and design specifications.
- **Task5:** After we finished the documentation process, we began creating a test plan by specifying every testable requirement to test.
- **Task6:** We programmed a basic code that shows a simple “Hello World” demo, then we tested it by using Expo Go app, a feature provided by React Native to test the code on the phone.

Discussion:

Abdulwahab: I contributed to every task equally with my partner except for two tasks. The UI task I looked up the best tool to use and found Figma, and then developed a basic UI, also fully programmed the demo.

Yusef: I contributed to most of the tasks, from the research and selecting the technology stack to the documentation. Also, I worked with my partner, Abdulwahab, to create a simple UI prototype to show how it is going to look like.

Plan matrix for Milestone 2:

Task	Abdulwahab	Yosef
Finalize the app's user interface design.	%50	%50
Create a clickable prototype of the app's key screens for user testing and validation.	%50	%50
Implement user registration and login functionality.	%50	%50
Develop the central dashboard to display a list of subscriptions (static data).	%50	%50
Set up a basic database structure to store subscription data.	%50	%50
Begin working on the notification system for reminders (basic functionality).	%50	%50

Discussion:

- **Task1:** This task is crucial for ensuring a polished and user-friendly app. Finalizing the user interface design involves making decisions on color schemes, typography, layout, and overall aesthetics.
- **Task2:** Developing a clickable prototype is a vital step before diving into full-scale development. It allows us to simulate user interactions and test the usability of our app's key screens. This phase helps identify any potential usability issues and provides an opportunity for user feedback and validation before investing in development.
- **Task3:** User registration and login are fundamental features for most apps, as they enable user-specific data and interactions. Implementing these functionalities involves creating secure registration, login processes, and user profile management.

- **Task4:** The central dashboard is often the heart of many apps, as it provides users with a summary of their relevant data. In this case, displaying a list of subscriptions is essential for our app's core functionality. Developing this dashboard with static data allow us to build the foundational structure of the app.
- **Task5:** Database setup is critical for storing and retrieving user data efficiently. Setting up a basic database structure for subscription data includes defining tables, relationships, and data models. It's a foundational step that will support future features and scalability.
- **Task6:** Building a notification system for reminders is a significant step in enhancing our app's usability. Starting with basic functionality, such as scheduling and sending notifications, is a good approach.

Dates of meetings with Faculty Advisor:

1. Aug 31, 2023
2. Sep 15, 2023
3. Sep 29, 2023

Client Feedback on the current milestone:

see Faculty Advisor Feedback below:

Faculty Advisor feedback on each task for the current Milestone:

- Research and Select Technology Stack: **Satisfied**
- Develop a basic UI: **Satisfied**
- Setup Collaboration tools: **Satisfied**
- Requirements and Design: **Satisfied**
- Test Plan: **Satisfied**
- Hello World Demo: **Satisfied**

Faculty Advisor Signature: ____Dr. Khaled Slhoub____ **Date:** ____9/29/2023____