

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
Finalize the app's user interface design.	%100	%100	%0	none
Create a clickable prototype of the app's key screens for user testing and validation.	%100	%100	%0	none
Implement user registration and login functionality.	%100	%0	%100	none
Develop the central dashboard to display a list of subscriptions (static data).	%100	%100	%0	none
Set up a basic database structure to store subscription data.	%100	%0	%100	none
Begin working on the notification system for reminders (basic functionality).	%100	%0	%100	none

Discussion:

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

- **Task1:** We used figma to design our UI, the difficulty we faced was our little knowledge about figma, we have never used it before, also we would have to convert the design into code..
- **Task2:** Also a part of finalizing the UI design, figma provides a feature that lets us test and see how the UI would look like.

- **Task3:** We implemented user registration and login functionality by using Firebase Authentication to give us various sign-up options and protect user privacy
- **Task4:** We developed the central dashboard in the home page, it shows a list of the subscriptions and also a list of searched subscriptions.
- **Task5:** We sat up a basic database structure with the needed tables, their primary keys, foreign keys, and the relationship among them
- **Task6:** We implemented a react native push notification system through Firebase

Discussion:

Abdulwahab: I worked on Tasks 1,2 and 4. I fully designed the UI, created a clickable app’s key screens and buttons, and developed a central dashboard to list a demo of the subscriptions.

Yusef: I worked on Tasks 3, 5, 6. I implemented user registration functionality through Firebase, design a basic database structure, and implemented a push notification system by using Firebase

Plan matrix for Milestone 3:

Task	Abdulwahab	Yosef
Convert UI design to code.	%100	%0
Link both login functionality and database structure to back-end	%0	%100
Implement the ability for users to manually add subscriptions to the app.	%100	%0
Integrate a scheduling system for tracking billing dates.	%0	%100
Enable users to view subscription billing date and cost.	%0	%100
Implement basic search functionality for subscriptions.	%100	%0

Discussion:

- **Task1:** This task is crucial to make sure the UI is working as planned, and to link other functionalities to the code.
- **Task2:** This task is important to guarantee that user’s private information is well protected by using Firebase

- **Task3:** One of the most important steps to be implemented, we need to implement the ability for users to add subscriptions manually, it helps us test the functionality of the dashboard and to be able to test many subscriptions.
- **Task4:** This task is crucial because integrating a scheduling system for tracking billing dates helps users avoid missing payments or renewal dates and Knowing when subscription payments are due allows users to plan their finances effectively. We will be using our database system to track the details of each subscription
- **Task5:** Enabling users to view subscription billing dates and costs is essential because displaying billing dates and costs provides users with a clear understanding of their financial commitments
- **Task6:** One of the key features of the app is to search for specific subscriptions, we already developed the front-end of it and need to develop the back-end.

Dates of meetings with Faculty Advisor:

1. **Oct 23, 2023**

Client Feedback on the current milestone:

see Faculty Advisor Feedback below:

Faculty Advisor feedback on each task for the current Milestone:

- Finalize the app's user interface design.: (Satisfied)
- Create a clickable prototype of the app's key screens: (Satisfied)
- Implement user registration: (Satisfied)
- Develop the central dashboard: (Satisfied)
- Set up a basic database structure: (Satisfied)
- Basic functionality of the notifications system: (Satisfied)

Faculty Advisor Signature: _____ **Dr Khaled Slhoub** _____ **Date:** 10/24/2023

Evaluation by Faculty Advisor

- Faculty Advisor: detach and return this page to Dr. Chan (HC 214) 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)

Abdulwahab	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Yusef	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: _____