



FeelFree

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What Is Our App

A **mental health** app :

- Provides simple **self-assessments** through multiple-choice questions.
- Shows the **assessment results** with suggestions.
- All designed to support user's mental well-being.



Initial Plans

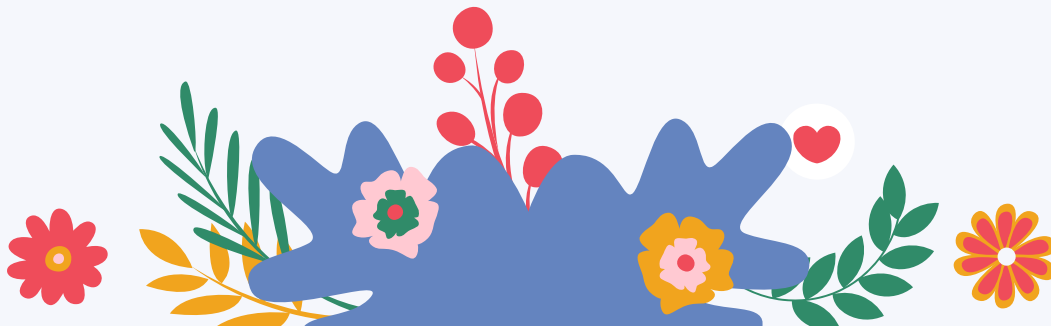
- Create a mental health assessment app with the following features:
 - Take quizzes
 - View and manage results
 - Manage user profiles





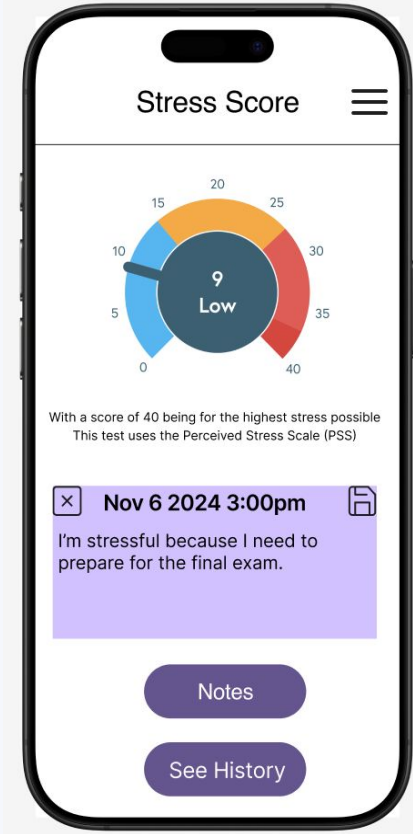
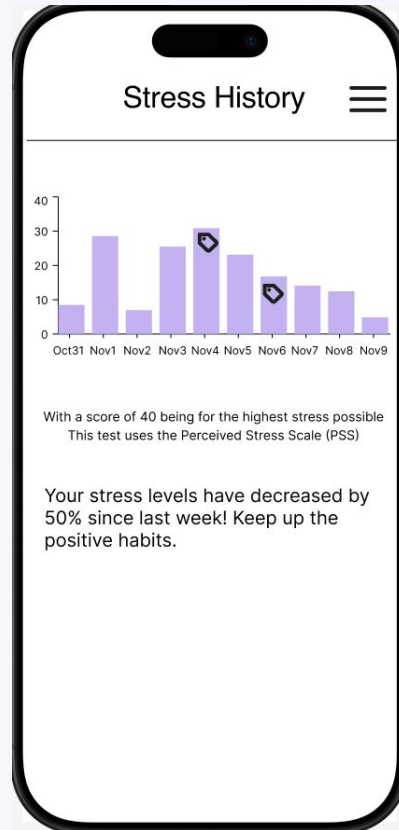
Completed Features

- Authentication System
- Data Storage
- Real-Time Updates
- Navigation
- UI Design



Future Development Goals

- History Scores Tracking
- Taking Notes
- Professional Resources
- Personalized quiz recommendations
- Community Communication



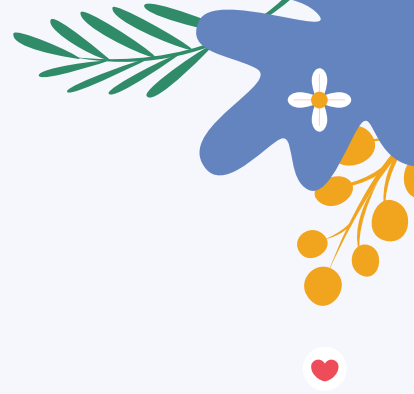


App Live Demonstration

Switch to Simulator Screen for a live demo.

For future reference, please kindly refer to this recorded video that shows the live demonstration of our app's functionalities.

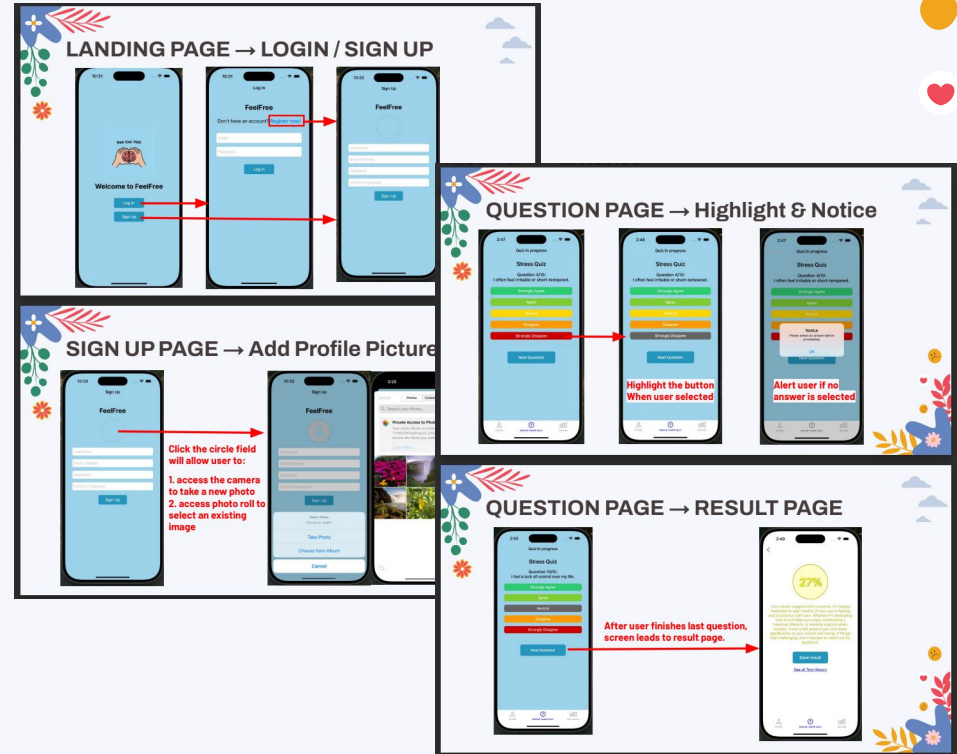
[Simulator Screen Recording - Final Project.mp4](#)



App Slides Demonstration

For more details like **how to use our app**, **real-time screenshots** to show **step-by-step walkthrough** of our app featuring all functionalities, and **helpful user notices**, please kindly refer to this slide deck.

CS5520FinalProject_Group6.pdf 👉



Lessons Learned

Implementation

Hands-on experience with Firebase for authentication and database management.



Interface

How to design and think about user interfaces using UIKit.



Data Protection

How securely handle sensitive data



Collaboration

Improved teamwork and problem-solving skills



Challenges and Reflection

- **Navigation Consistency**

Managed challenges integrating multiple screens and custom navigation elements.

- **Firestore Debugging**

Resolved issues with offline data caching and real-time updates through detailed research.

- **UI/UX Design Optimization**

Implemented a custom color palette and reusable component to ensure a uniform look across the app.

- **Error Handling**

Addressed various edge cases to improve our app reliability. Eg: When updating the username in the profile, ensure the homepage dynamically reflects the new username.





Thanks!

**Any questions?
Feel free to reach us!**

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