Evaluating a Cross-Platform Cancer App using Flutter

November 8, 2024

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HEALMATE: Cancer Counseling App

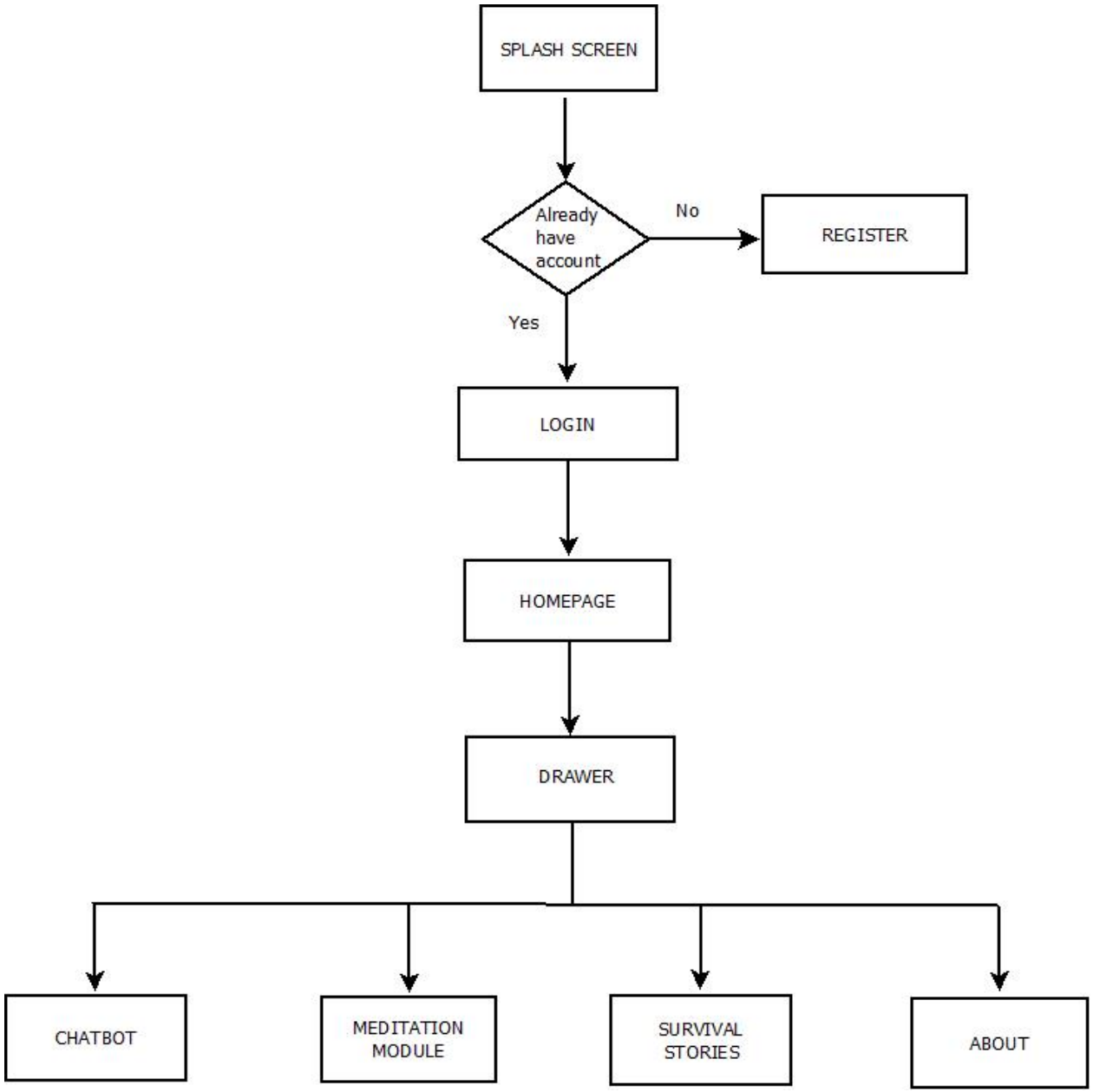
PROBLEM DEFINITION

- Assess Cross-Platform Frameworks:
  - Evaluate the effectiveness of Flutter for seamless multi-platform app development in healthcare.
- Support Cancer Patients:
  - Develop an app offering chatbot communication, meditation modules, and survival stories for cancer patient support.

TOOLS AND TECHNOLOGIES USED

- **Flutter**: An open-source UI framework by Google for building cross-platform applications with a single codebase.
- **Firebase**: A backend platform by Google used for real-time database management and user authentication.
- **Gemini API**: Used to facilitate real-time data access and enhance app functionality through secure API calls.
- **GitHub**: A version control platform used for managing code, tracking changes, and collaborating on the project.

METHODOLOGY



RESULTS

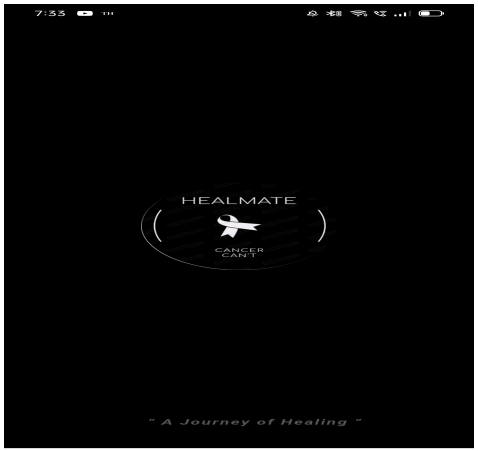
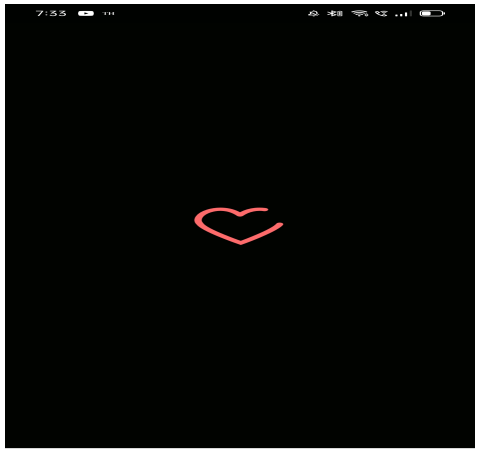
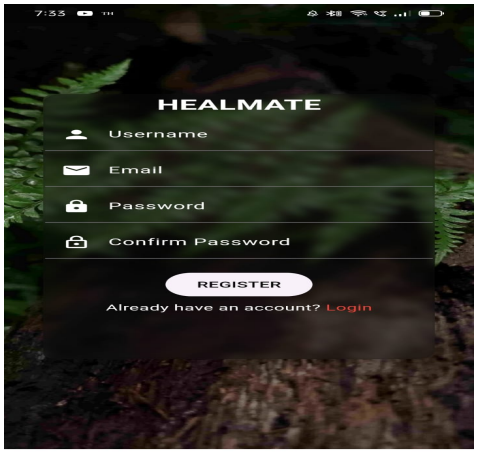


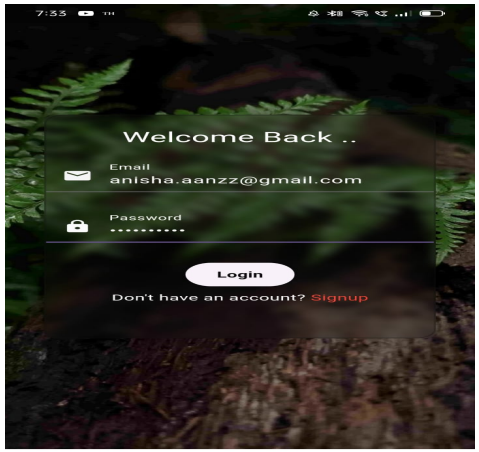
Image Splash Screen



Animated Splash Screen

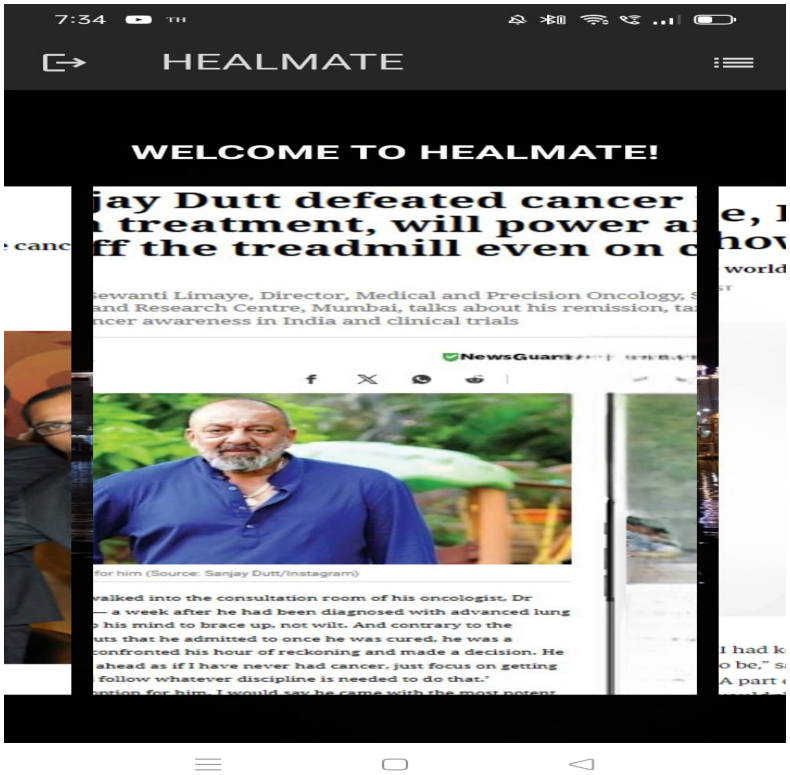


Register

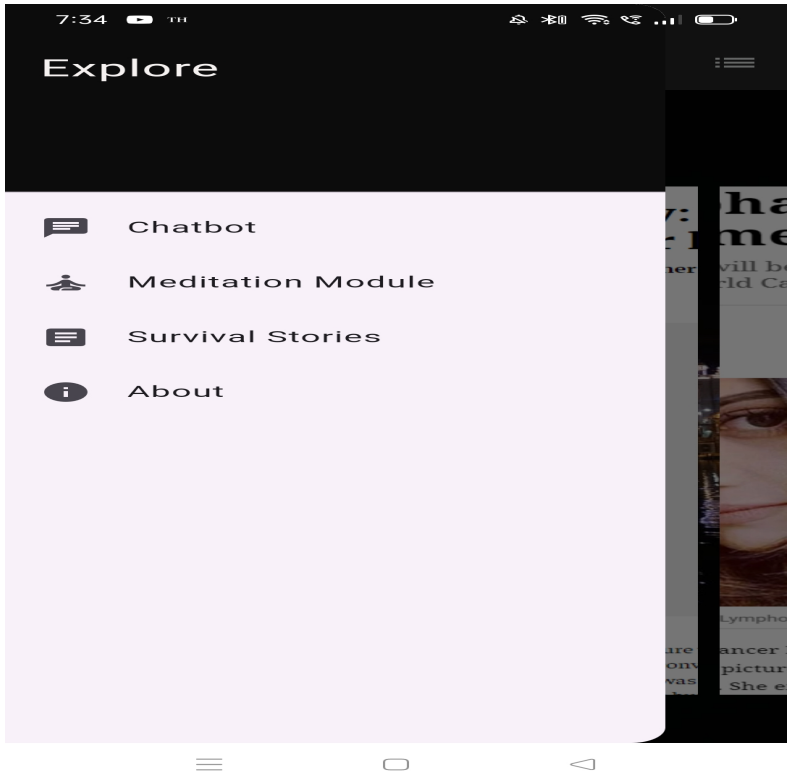


Login

HOMEPAGE

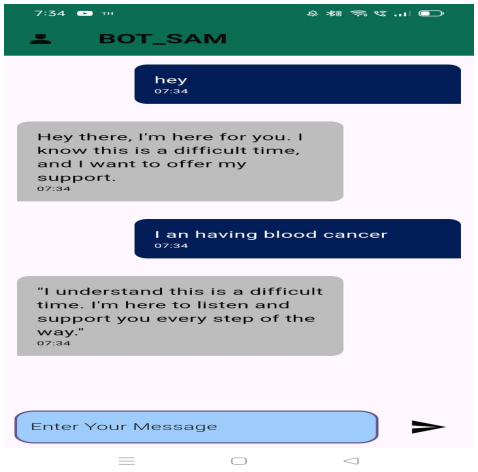


Homepage

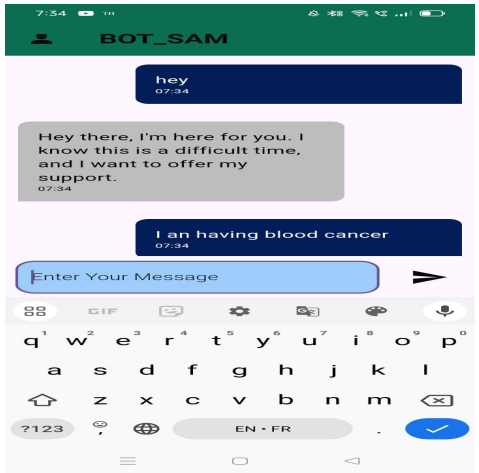


Drawer

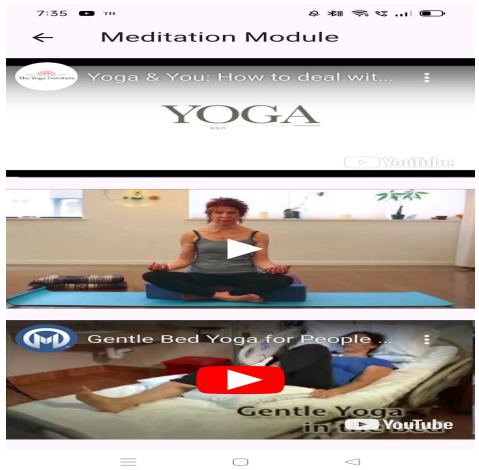
DRAWER



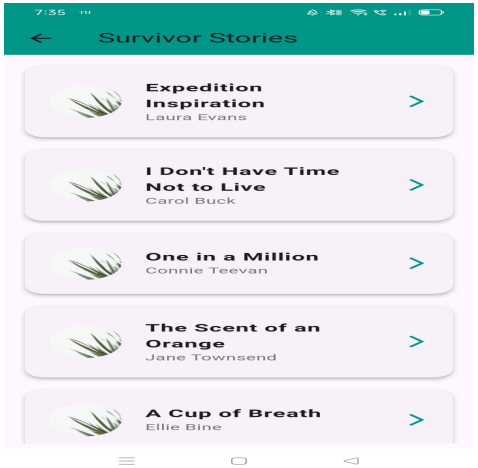
Chatbot



Chatbot

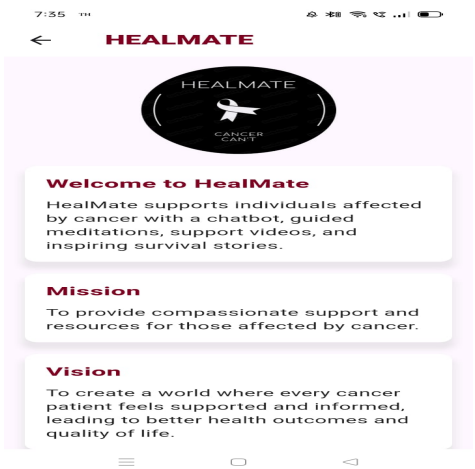


Meditation Module



Survival Stories

Survival Stories



About

FUTURE ENHANCEMENTS

- **Personalized Cancer Risk Prediction:** Integrate a machine learning model to assess cancer risk based on user details like age, gender, family history, and lifestyle factors,Genetics
- **Multi-language Support:** Expanding the app's reach by offering multi-language support for better accessibility across diverse communities.
- **Community Support Groups:** Adding a feature for peer support groups, where patients can connect and share their experiences anonymously.

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