MANOBAL

A Personality Development App

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PROBLEM STATEMENT

- Traditional soft skills development methods lack personalization, practical applications, and engagement.
- Existing tools fail to provide adaptive learning and real-world challenges for consistent growth.
- Limited peer interaction and feedback systems hinder collaborative learning and community building.

INTRODUCTION

- There's a growing need to improve soft skills for both personal and career success.
- Traditional methods don’t keep users engaged or connected to real-world situations.
- **Manobal** focuses on combining technology with proven methods to help users grow in a personalized and practical way.

EXISTING SYSTEM

- Review of popular apps like Bestify Me, Make me Better, etc.
- Insights into gaps such as lack of real-life application, peer engagement, and adaptive learning.
- Overview of research by Smith et al. (2022) on how personalized, adaptive learning enhances user retention and engagement.
- Discussion on the effectiveness of AI in creating custom learning paths.

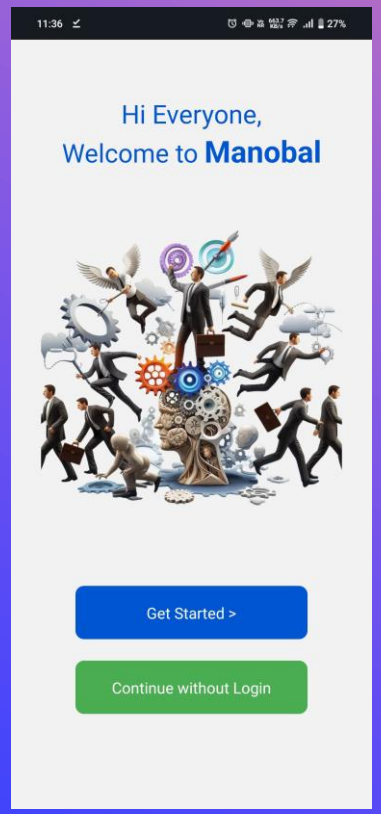
TOOLS & TECHNOLOGIES

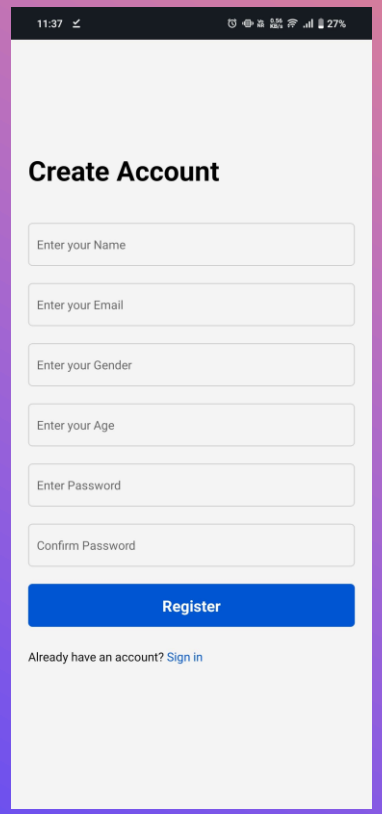
- **Frontend:** React Native with JavaScript for cross platform mobile development.
- **Backend:** Node.js with Express.js to handle user management, task generation, and database interactions.
- **Database:** MongoDB to store user profiles, tasks, progress history, and peer reviews.
- **Security:** JWT for user authentication and secure storage practices for data protection & bcrypt JS library for password Hashing.

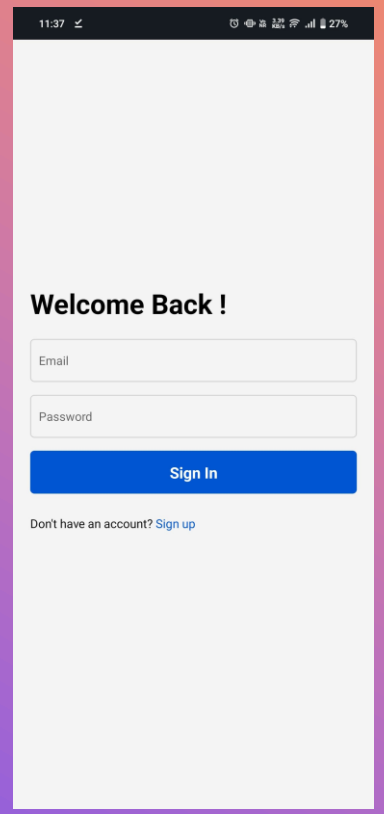
IMPLEMENTATION

- **Authentication & Authorization Module – Based on JWT Auth**

Landing Page | Register Page | Login Page



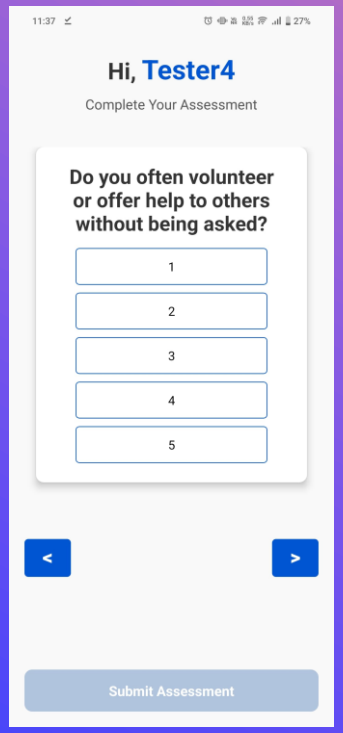


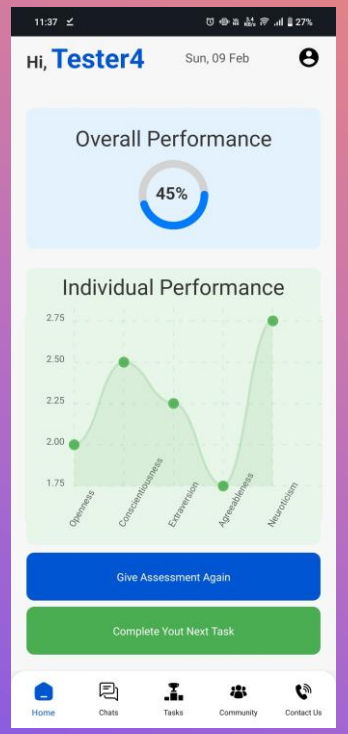


IMPLEMENTATION

➢ Assessment Module – Dynamic Assessment Module (OCEAN)

Assessment Page | Assessment Result / Dashboard / Home Page

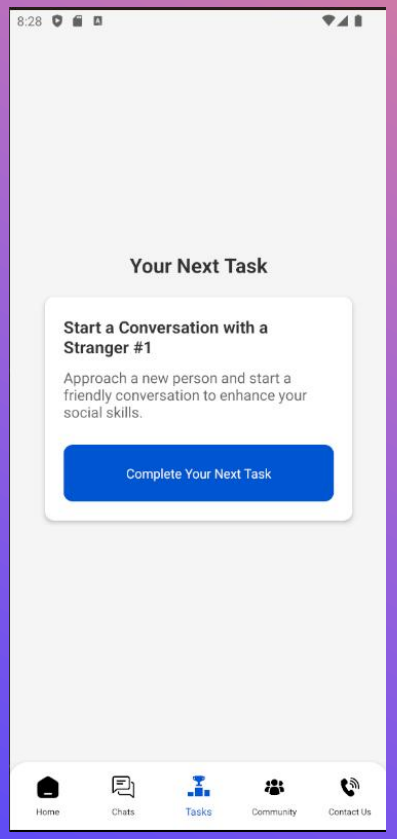




IMPLEMENTATION

- **Task Generation Module – Generate a New Task & Mark it Complete**

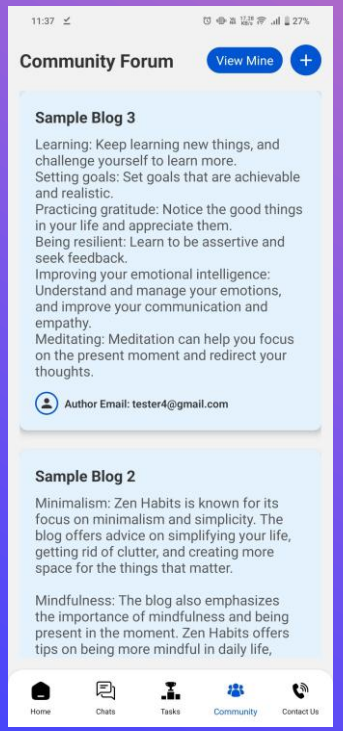
Task Generation Page & Mark Complete Page

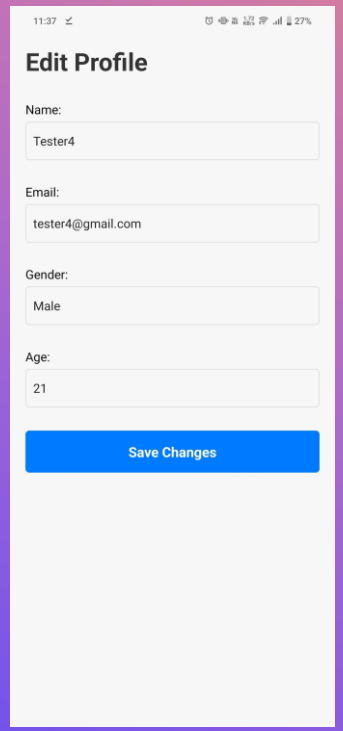


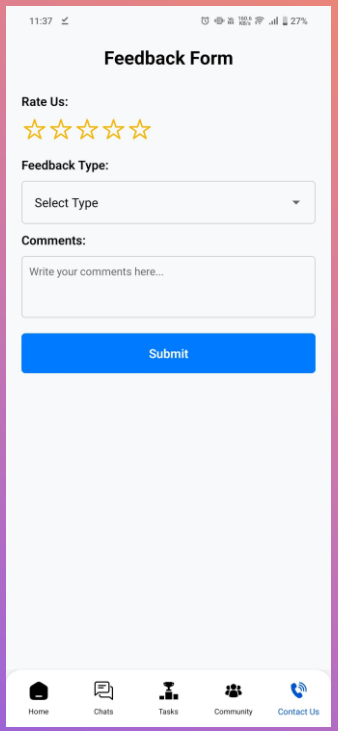
IMPLEMENTATION

➢ **Community Module + User Module**

Community Page | Edit Profile | Feedback Form







RESULTS

Output of Modules :

- User is able to Onboard and Register Himself.
- User is able to Login and Give its Assessment by itself.
- Our App is able to Assess a user dynamically based on their responses.
- A Complete Dashboard for overall and distinct results is there.
- User are able to share their POVs over the community Forum via Small Blogs.
- User is able to handle their profile & able to Logout.

Intermediate Results :

- Successfully able to implement API to generate tasks from DB over thousands of task according to the level of user assessment.
- Research Paper is complete.

CONCLUSIONS & FUTURE SCOPE

- **Expansion to Group Discussion** : By combining technology with engaging strategies, it provides a unique and comprehensive self-improvement experience.
- **Voice Recognition for Real-Time Feedback** : Integrating voice analysis to assess speech and provide immediate feedback.
- **Customizable Learning Paths** : Users can choose specific areas to focus on based on their career and personal goals.

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THANK YOU