



# MANOBAL

A Personality Development App



- **Group No. : RD24CSE722**
- **Mentor Name : Prof. Hemant Bhardwaj**
- **Team Members :**
  - **1. Khushi Chaudhary (2102310100055)**
  - **2. Nitish Kumar (2102310100070)**
  - **3. Prabhat Chaudhary (2102310100073)**
  - **4. Prince Kumar (2102310100075)**

# 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.

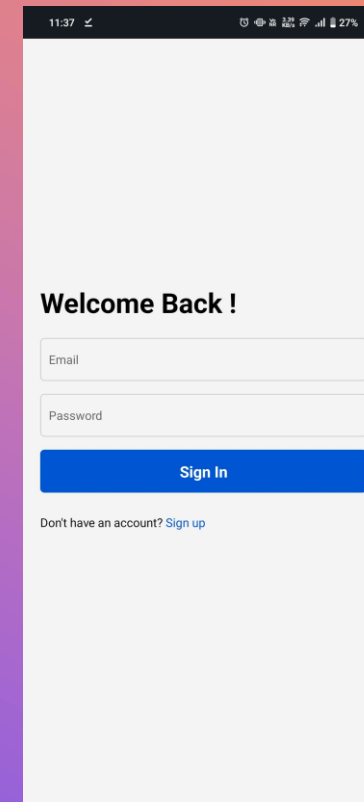
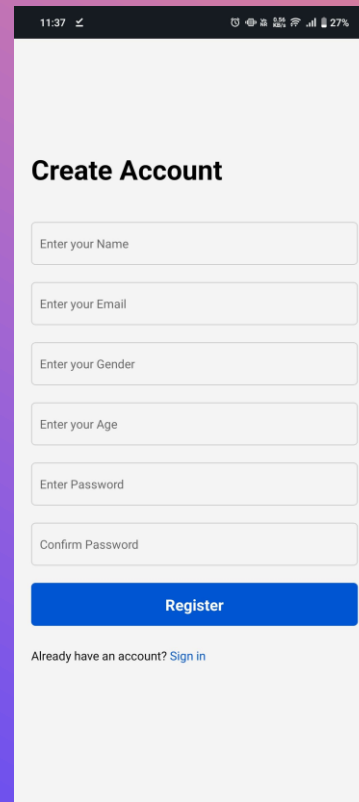
# IMPLEMENTATION

## ➤ Authentication & Authorization Module – Based on JWT Auth

Landing Page

Register Page

Login Page

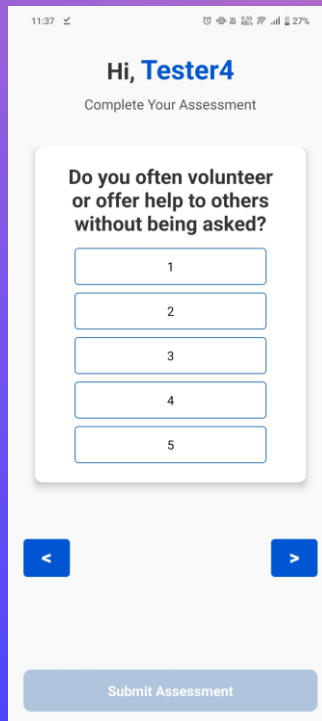


# IMPLEMENTATION

## ➤ Assessment Module – Dynamic Assessment Module ( OCEAN )

Assessment Page

Assessment Result / Dashboard / Home Page



11:37 27%

Hi, **Tester4**

Complete Your Assessment

Do you often volunteer or offer help to others without being asked?

1

2

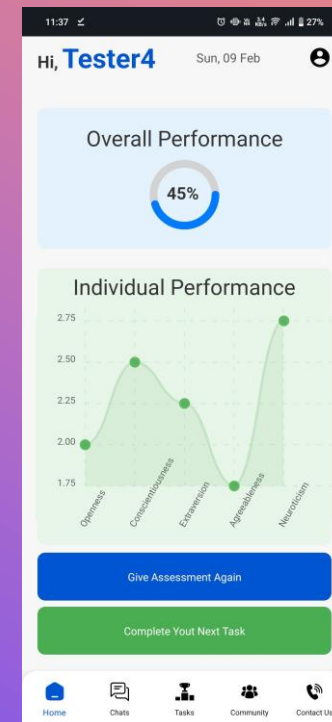
3

4

5

< >

Submit Assessment



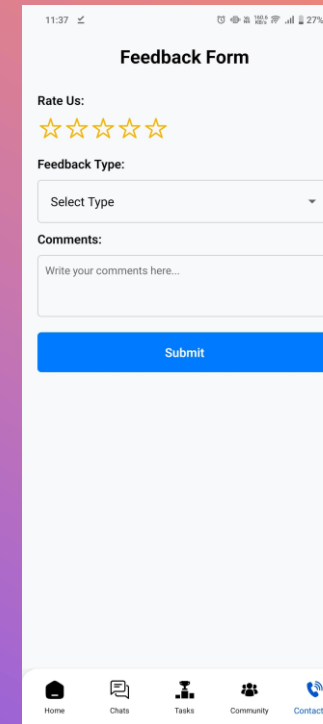
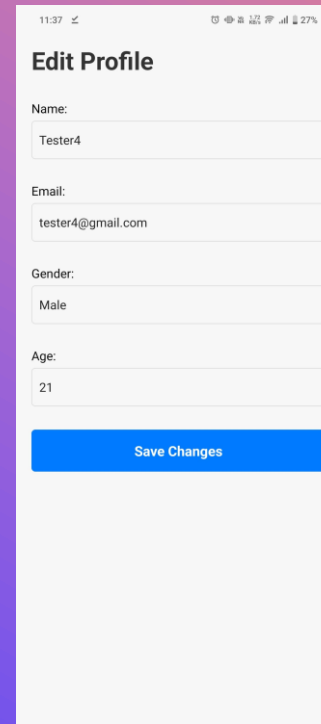
# IMPLEMENTATION

## ➤ 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.
- The Feedback Form is complete from UI perspective.
- Research Paper is under Development. It is completed 60% - 70%.

# 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.

# REFERENCES

- React Native documentation for mobile app development. - <https://reactnative.dev/> .
- Smith, J., & Doe, A. (2022). AI in Mobile Learning Applications. *Journal of Educational Technology*, 15(3), 45-67.
- Brown, R. (2021). Personal Development and the Role of Adaptive Learning. *Self-Improvement Review*, 8(2), 113-130.
- **McCrae, R. R., & Costa, P. T. (1999).** *A Five-Factor Theory of Personality*. *Psychological Inquiry*, 10(1), 1-43.
- **John, O. P., Naumann, L. P., & Soto, C. J. (2008).** *Paradigm Shift to the Big Five Personality Traits: History, Measurement, and Applications*. In *Handbook of Personality: Theory and Research* (3rd ed., pp. 114-158). Guilford Press.
- **Goldberg, L. R. (1993).** *The Structure of Phenotypic Personality Traits*. *American Psychologist*, 48(1), 26-34.



# THANK YOU