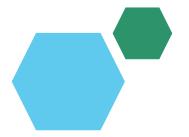
### **Digital Portfolio**





STUDENT NAME: k.shalini

REGISTER NO AND NMID:24724U09036

**DEPARTMENT: BCA** 

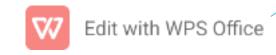
COLLEGE: chezhian arts and science college for women





## PROJECT TITLE

"Smart Health Tracker: Al-Powered Wellness Monitoring System"



## **AGEND**

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- 1.Problem Statement
- 2. Project Overview
- 3.End Users
- 4. Tools and Technologies
- 5. Portfolio design and Layout
- 6. Features and Functionality
- 7. Results and Screenshots
- 8. Conclusion
- 9. Github Link





# PROBLEM STATEMEN T

#### 1. Problem Statement

Lack of proper tracking of daily health metrics leads to lifestyle-related diseases.

Existing health apps fail to provide personalized recommendations.





# PROJECT OVERVIE W

A web & mobile platform to monitor fitness, diet, and health parameters.

Uses AI to give real-time insights and alerts for better health management.

#### 3. End Users

Individuals aiming to improve personal health & fitness.

Healthcare professionals monitoring patient wellness remotely.



#### WHO ARE THE END USERS?

Individuals aiming to improve personal health & fitness.

Healthcare professionals monitoring patient wellness remotely.



## **TOOLS AND TECHNIQUES**



Frontend: React Native (mobile) / React.js (web).

Backend & AI: Python (Flask/Django), TensorFlow, MongoDB.



## POTFOLIO DESIGN AND LAYOUT

User-friendly dashboard with graphs & analytics.

Intuitive navigation with a clean and responsive design.



## FEATURES AND FUNCTIONALITY

Al-based health recommendations & progress tracking.

Integration with wearables (smartwatch, fitness band).



### RESULTS AND SCREENSHOTS



Demonstrated improvement in health awareness among users.

Screenshots of dashboards showing daily/weekly progress.



## CONCLUSION

Provides an effective, data-driven approach to health monitoring.

Scalable solution for both personal use and healthcare industry.



## GitHub Link

Repository for source code, documentation, and deployment guide.



