



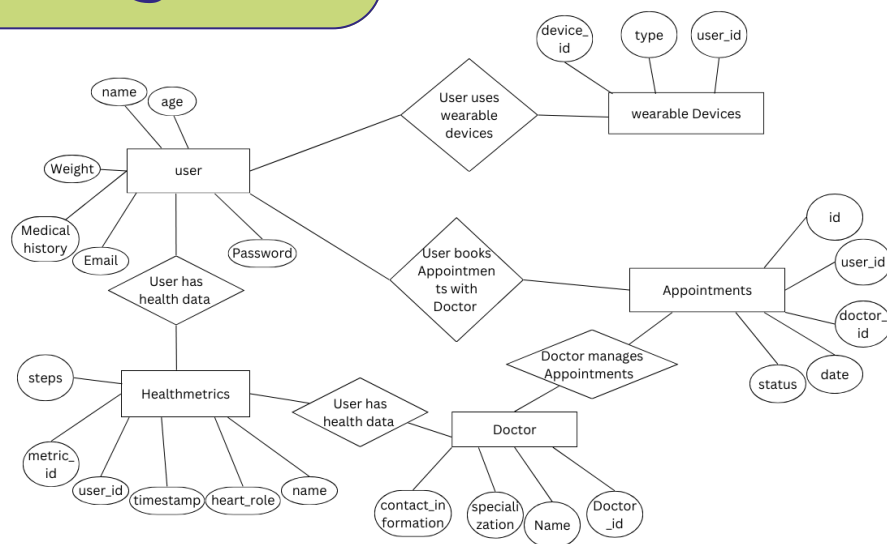
## HealthTrack

Real-Time Health Monitoring and insights from Wearables

### Objective

Build a system that integrates with wearable devices, tracks health metrics, and provides personalized health insights with doctor visit recommendations.

### ER Diagram



### Data Privacy & Security

- Encrypted data storage and secure communication.
- HIPAA/GDPR compliance for healthcare data privacy.

### Challenges

- API integration with multiple wearables.
- Real-time analysis and notifications.
- Compliance with legal standards.

### Future Scope

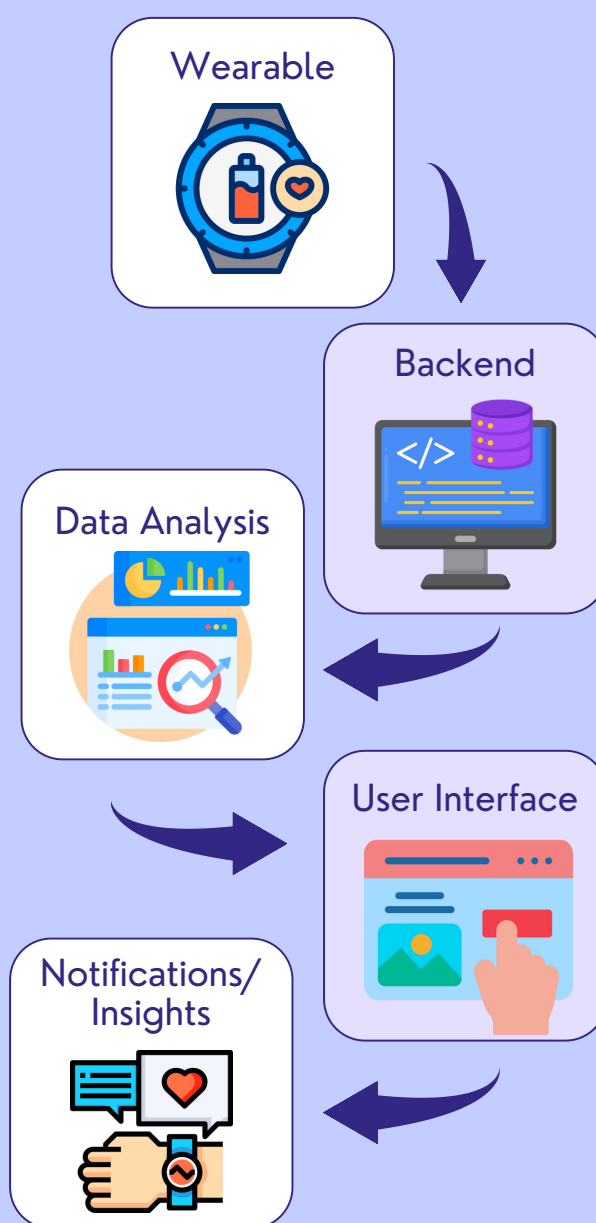
- Telemedicine integration for online consultations.
- AI-driven personalized recommendations.
- Support for more wearables and languages.

### Features

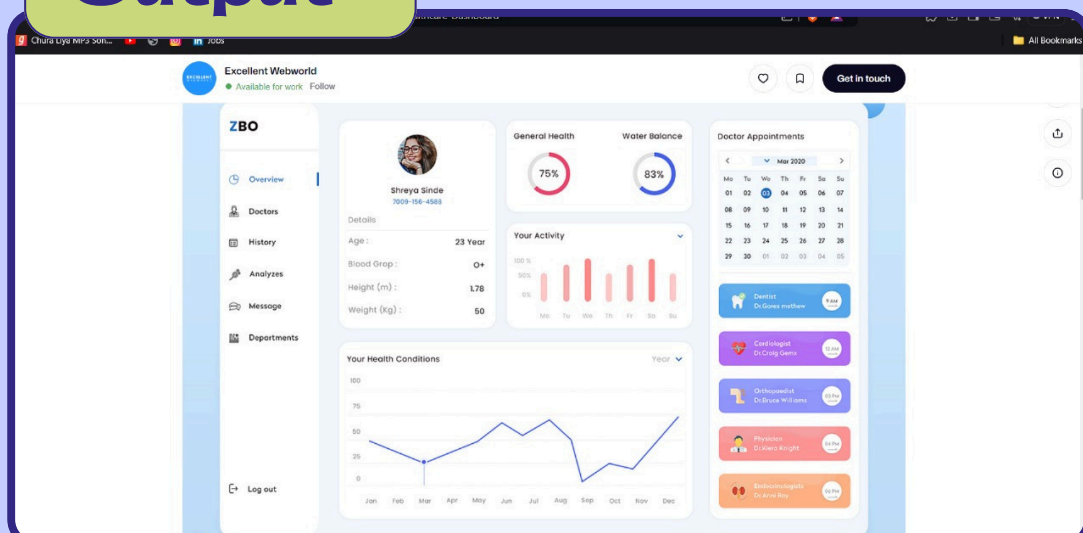
- Health Metrics Tracking (Heart Rate, Sleep Quality, etc).
- Doctor Visit Alerts based on thresholds.
- Data Analysis using AI/ML.
- Health Reports and Notifications.



### Flow Chart



### Output



### Technologies Used

Fronted : ReactJS  
Backend : Flask/Django, REST APIs  
Database : MySQL  
Integration : Google Fit API  
AI/ML : Data analysis, prediction models, and intelligent insights

### Team Members

Manisha Verma : 2110013135060  
Nancy Dwivedi : 2110013135070  
Jyoti Singh : 2110013135138  
Sachchidanand Singh : 21100131350095

Guide Name : Er. Shailendra Kumar Sonkar