



CENTRAL INDIA HACKATHON

Let the Code Storm Begin!!

2.0

Team Name: Segmentation Fault

Idea Title : Unified Health Companion for Reminders, Reports and Recommendation

Track : HealthTech & Bio-Innovation

PROBLEM OVERVIEW

People often miss medicines, forget health checkups and lack guidance on maintaining daily wellness. Without a dedicated platform, these small gaps can lead to bigger health issues over time.

🧩 Core Problem & Who It Affects

- People forget meds and health tasks.
- Affects elderly, professionals, chronic patients.
- Leads to missed care and health risks.

🔍 Gaps in Current Solutions

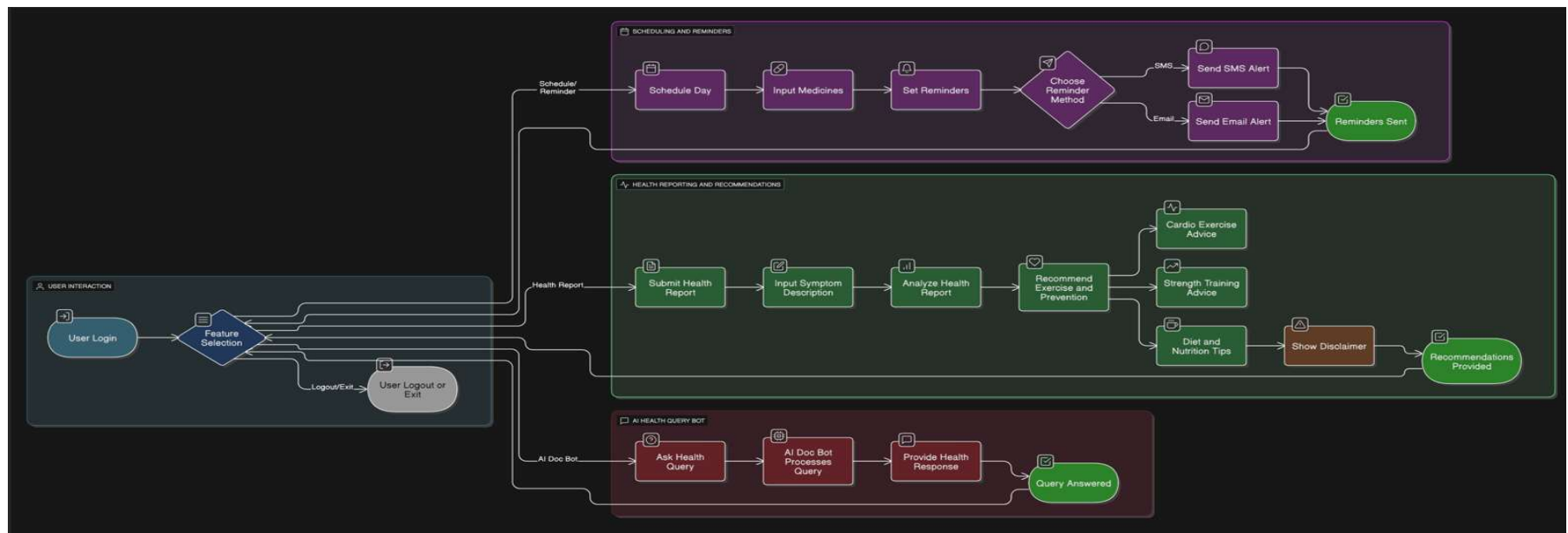
- Apps are complex or not user-friendly.
- No combined reminders + health tracking.
- No personalized suggestions based on reports.

📊 Stats / Real-life

- 50%+ skip medicines (WHO).
- 80% strokes/attacks are preventable.
- Elderly often rely on memory or paper notes.



SOLUTION OVERVIEW



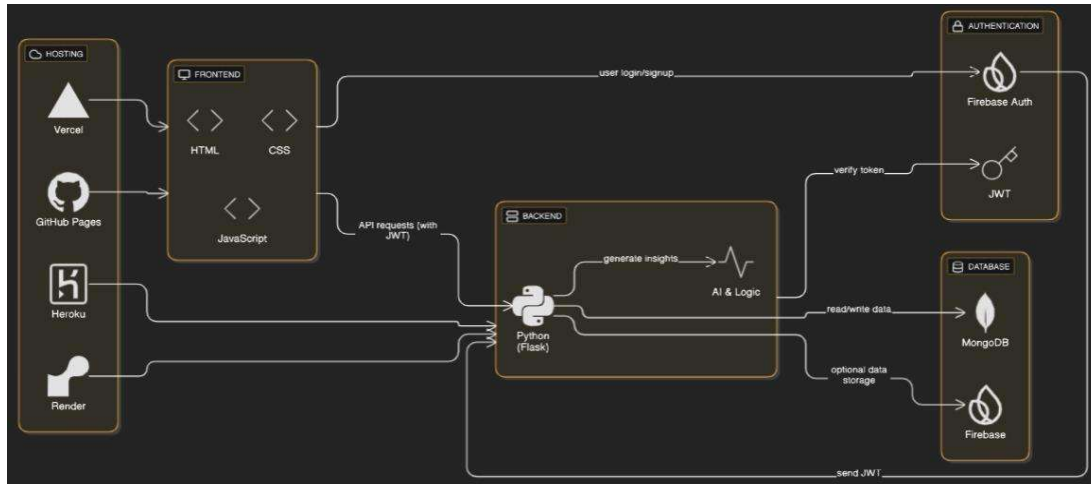
✦ Key Features / Innovations

- Daily health & medicine reminders
- Health report upload, tracking and analysis
- AI-based suggestions for exercise and care

👥 Who Benefits

- **Elderly** who need daily health tracking support
- **Chronic patients** managing ongoing conditions
- **Busy individuals** who often skip health routines

SOLUTION/TECHNICAL APPROACH



System Flow / Architecture

- User registers/logs in
- Sets reminders and uploads health reports
- Data stored in database
- Backend processes reports and applies basic health rules
- System sends daily reminders + AI-based suggestions

Swasth Buddy



Jacob Alex

Dashboard

Schedule

Medicines

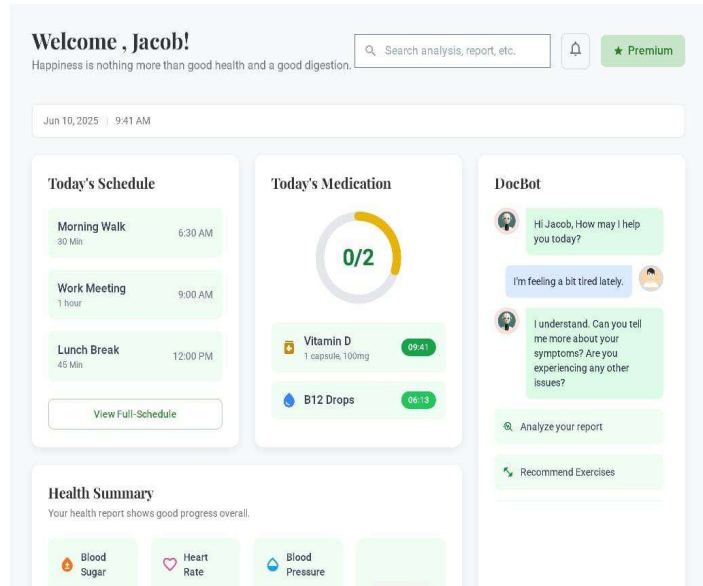
Health Report

Premium

DocBot

Settings

Logout



PoC / Prototype / Progress

- Basic frontend UI ready (login, reminders page)
- Reminder and upload form working ✓
- Backend in progress / AI logic being added ⚙
- Hosting demo page on GitHub Pages / Vercel 🌐

FEASIBILITY & APPLICATIONS

Doable with Available Resources

- Uses **basic web tech stack** (HTML, CSS, JS, Python - all beginner friendly)
- Can be developed with **free tools** like Firebase, GitHub, Vercel, Render
- No advanced hardware or expensive APIs needed
- Can begin with **rule-based logic** before full AI integration

Real-World Use Cases / Sectors

- **Elderly care homes** - health tracking & timely reminders
- **Clinics or telemedicine platforms** - report uploads + health suggestions
- **Wellness & fitness apps** - integrate daily suggestions & routines
- **Family caregivers** - track elders' activities remotely

Limitations / Risks

- Elderly users may face **tech accessibility issues**
- AI logic needs gradual development & **should avoid giving medical advice**
- Users need internet access for full functionality

BUSSINESS POTENTIAL

Value / Impact

Encourages preventive care and timely health tracking
Reduces hospital load by promoting self-monitoring

Potential Users Partners

Target users: elderly, families, health-conscious individuals
Partners: clinics, wellness startups, NGOs, government bodies

Future Plans / Scalability

Add voice support, mobile app & multi-language support
Scale as B2B tool or integrate with existing health platforms