

EY Techathon 5.0 Executive Summary

Date of submission: 24 November 2024

TEAM NAME: sakshipandey0902

PROBLEM STATEMENT:
HealthCare – Empowering
Travelling Doctors With AI

TITLE:

**RURALCARE - Revolutionizing
Healthcare With Technology**

SLOGAN:

**"Reliable, Remote, Responsive Care
For Every Community"**



Shape the future
with confidence

Tell us about yourself | Highlight a technical skill or skills each member brings to the team

Team Name : sakshipandey0902

College : Doctor Harisingh Gour
Viswavidalaya , Sagar

Member I : SAKSHI PANDEY

*PROGRAMMING SKILLS: PYTHON
(PROFICIENT), JAVA,C, C++, .NET
WEB DEVELOPMENT: HTML5,
CSS3, BOOTSTRAP, JAVASCRIPT,
NODE JS, DJANGO, MYSQL,
MONGODB*

*TOOLS AND TECHNOLOGIES: GIT,
LINUX SHELL SCRIPTING, MS
OFFICE , GENERATIVE AI*

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Problem statement to be attempted: HealthCare – Empowering Travelling Doctors With AI

Solution Form Factor: <https://github.com/pandeysakshi8989/RuralCare>

Brief overview of the proposed solution:

Storyline:

In many rural households, especially among housewives like my mother, chronic diseases often go unchecked due to lack of access to healthcare. They rely on male family members for checkups, but due to their busy schedules, regular medical attention becomes a distant priority. Additionally, the limited availability of doctors and overcrowded clinics make it difficult to receive proper care. I envision a solution that empowers housewives and other community members to take charge of their health, ensuring they receive consistent, timely, and quality medical care without depending on others.

- 1. Doctor Search & Appointment Booking:** Easily search for doctors based on specialization, availability, and location, and book appointments online or offline.
- 2. Hospital Information & Availability:** View real-time hospital facility details like bed availability, medications, and lab services.
- 3. Personalized Diet Plans:** AI-driven diet recommendations based on patient's health needs and expert advice.
- 4. Medicine Management & Delivery:** Receive prescriptions, timely reminders, and home delivery of medications.
- 5. Medication Adherence Tracking:** Track medication intake and adherence, with real-time updates and impact logs.
- 6. Patient History & Tracking:** Access patient medical history and current health status for efficient care.
- 7. Emergency Assistance:** Instantly request ambulance services and urgent medical visits with location-based assistance.
- 8. Data Security & Privacy:** Ensure patient data privacy with secure storage and compliance with privacy regulations.