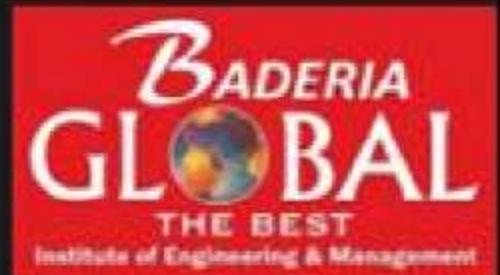


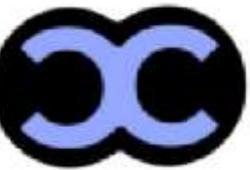
Baderia Global Institute of Engineering and  
Management, Jabalpur, Madhya Pradesh 482002



# BrahmaX 1.0

The Creation of Tomorrow

BrahmaX 1.0

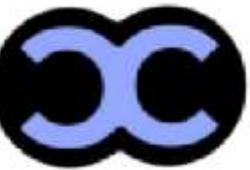


# “HEALTHY MATE”

Your Handy Consultant

**MAKING HEALTHCARE SIMPLE AND  
ACCESSIBLE TO EVERYONE!!**

- **Theme :** Healthcare
- **Problem statement title :** Lack of immediate symptom analysis, doctor access, and emergency support leads to delayed healthcare actions, increasing risks during medical emergencies
- **Team ID :**
- **Team Name : Krish Verse**
- **Members :** krish bagri, krish kanojia, krish lala, krish keswani.



# BASIC IDEA

## WELCOME TO HEALTHYMATE!!!

- Predicts diseases on the basis of entered symptoms and past medical problems
  - Locates nearby doctors in the town and provide their reviews
  - Provides first-aid and reminders for curing the problem
  - Provides Emergency helpline numbers
- 
- **Overview :** An AI-powered app that predicts diseases, connects users to doctors, provides first-aid help, and assists during emergencies – making healthcare smarter, faster, and more accessible.

efficient recycling.

**BrahmaX 1.0**

[www.codecrax.co](http://www.codecrax.co)

# Technical Approach



- **Technologies Used:**

**Frontend:** HTML, CSS, JS;

**Backend:**

Java(Servlets / Spring Boot), ScheduleExecutorServer, React Native, Flutter, Node.js, Python;

**API'S:**

JavaMail API, Google Maps API (for locating doctors) Health APIs (for symptom checking)

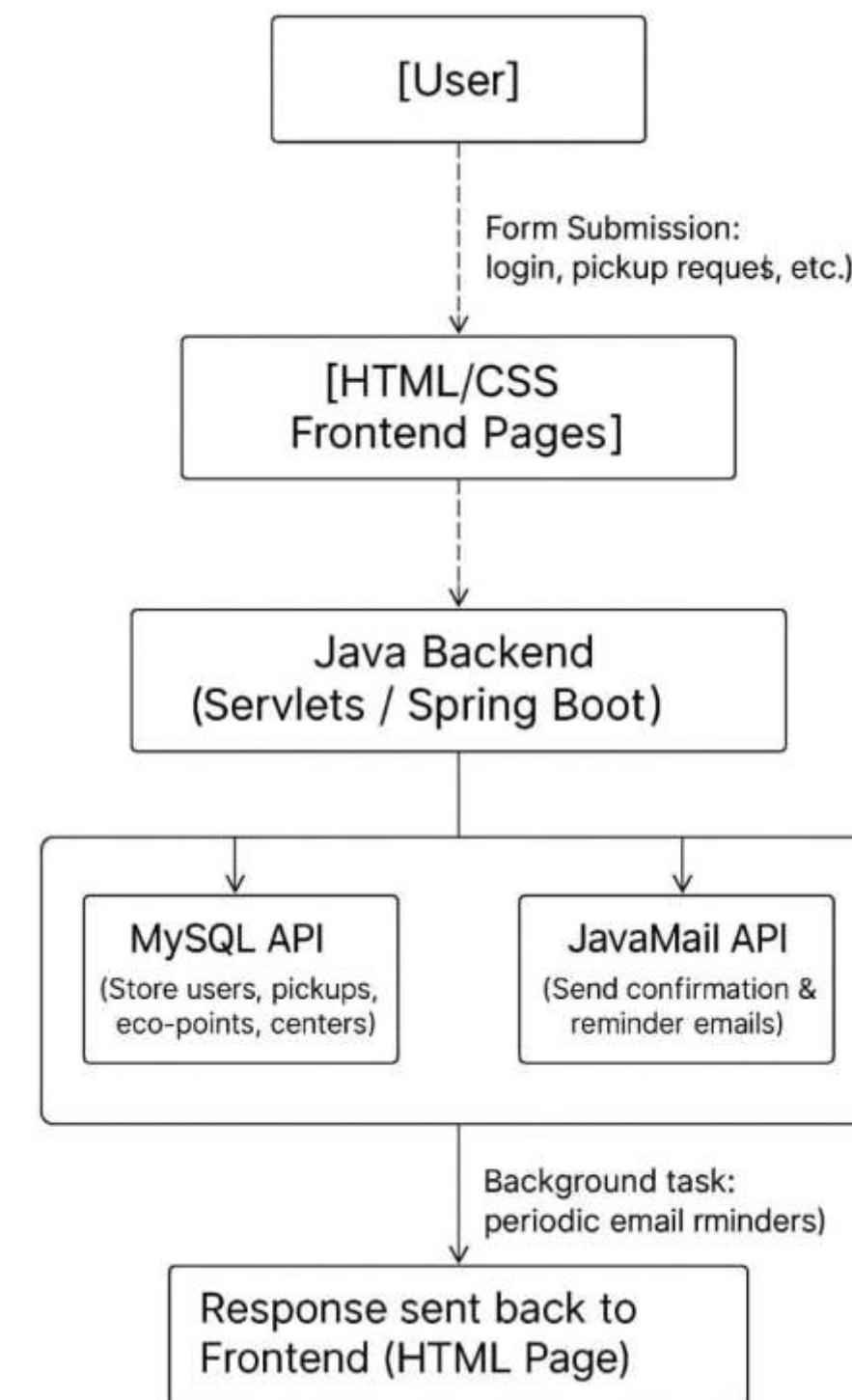
**Database:** MySQL, JDBC

- **Methodology:**

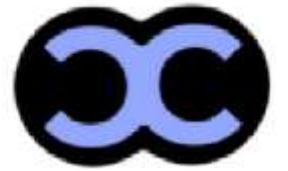
Symptom input → ML prediction → Doctor location →

Emergency help.Approach: Agile, User-Centric Design, Data-driven improvements.

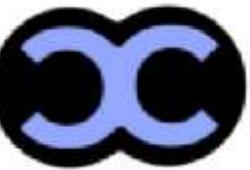
- **Process Flow:**



# FEASIBILITY AND VIABILITY



- **Feasibility :** High: Uses existing technologies, APIs, and scalable databases. Mobile-first makes it easily adoptable even in rural areas with smartphones.
- **Challenges & Risks :**
  - Data Privacy & Security
  - Accurate Symptom Prediction
  - Doctor Availability
  - Network Issues in Rural Areas
- **Mitigation Strategies :**
  - Secure encryption for health data
  - Continuous ML model updates
  - Partnering with verified doctors
  - Offline Mode for basic services



# IMPACT AND BENEFITS

- **Target Audience Impact:**

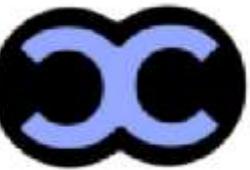
- Faster healthcare access
- Life-saving emergency help
- Greater healthcare literacy
- Bridging rural-urban healthcare gap

- **Key Benefits:**

- 24/7 Health Companion
- Predictive Healthcare Support
- Easy Doctor Access

- **Long-Term Value:**

- Transforming proactive healthcare
- Scalable to global use
- Enabling AI-driven, preventive medical systems



# REFERENCES

WHO Symptom Database, Open Health Data repositories

- **Development Tools:** React Native, Flutter, Node.js, Python Flask
- **Database Services:** Firebase, SQLite
- **APIs Used:**
  - Google Maps API (for locating doctors)
  - Health APIs (for symptom checking)
- **AI/ML Libraries:** TensorFlow Lite, scikit-learn
- **Design:** Figma, Adobe XD