Digital Learning Group

HackOrbit 2025

TEAM 420

THEME & PROBLEM STATEMENT

- In many regions, patients struggle to judge the severity of their symptoms, leading to unnecessary hospital visits or delayed treatment. Limited access to medical expertise in remote areas further worsens the issue.

- There is a need for an AI-based system that can analyze symptoms, predict possible diseases, suggest basic treatments, and advise whether medical consultation is necessary — something current healthcare systems lack.

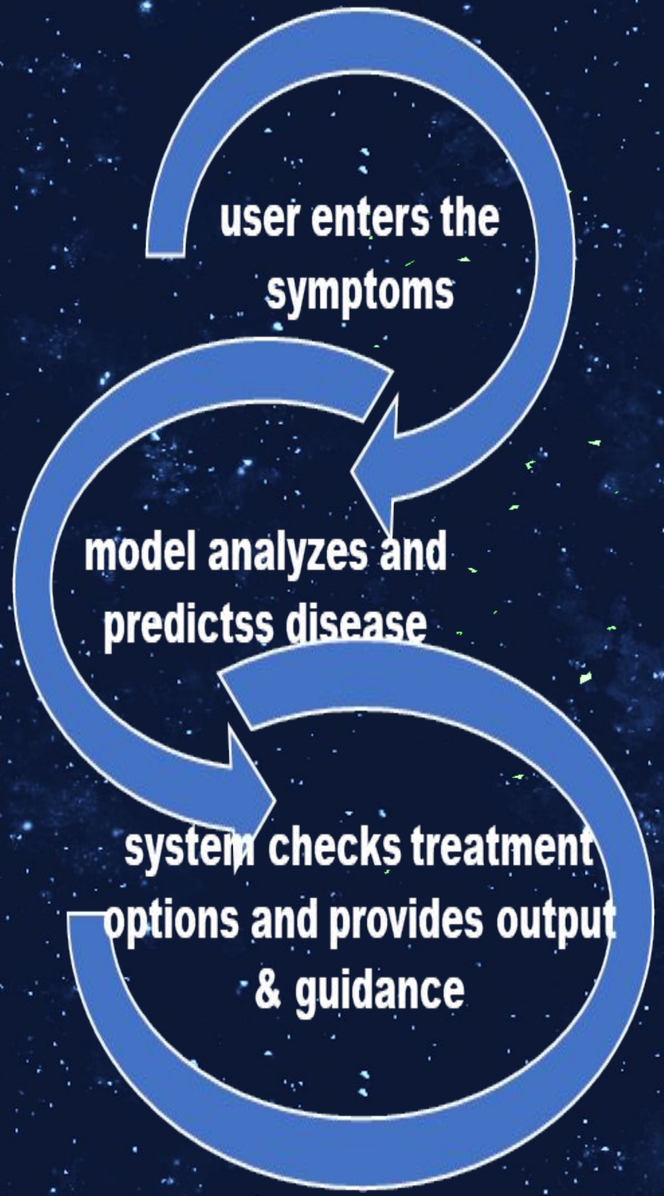
PROPOSED SOLUTION

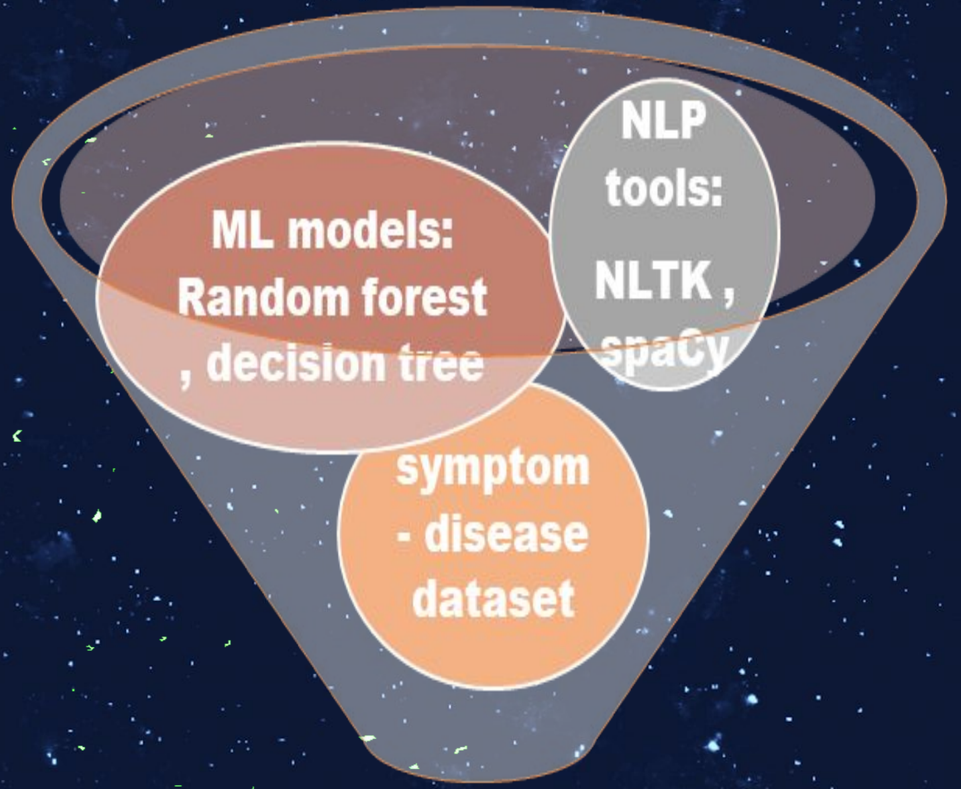
This project aims to develop an AI/ML-based health assistant that can

- Take user-input symptoms as data.
- Predict the most probable disease using trained ML models.
- Recommend basic treatments (if applicable).
- Determine whether the patient needs to consult a doctor urgently or not.

By leveraging AI/ML, this system can enhance healthcare accessibility, reduce diagnostic delay, and assist users in making informed decisions about their health, especially in early or unclear symptom stages.

FLOWCHART / DIAGRAM

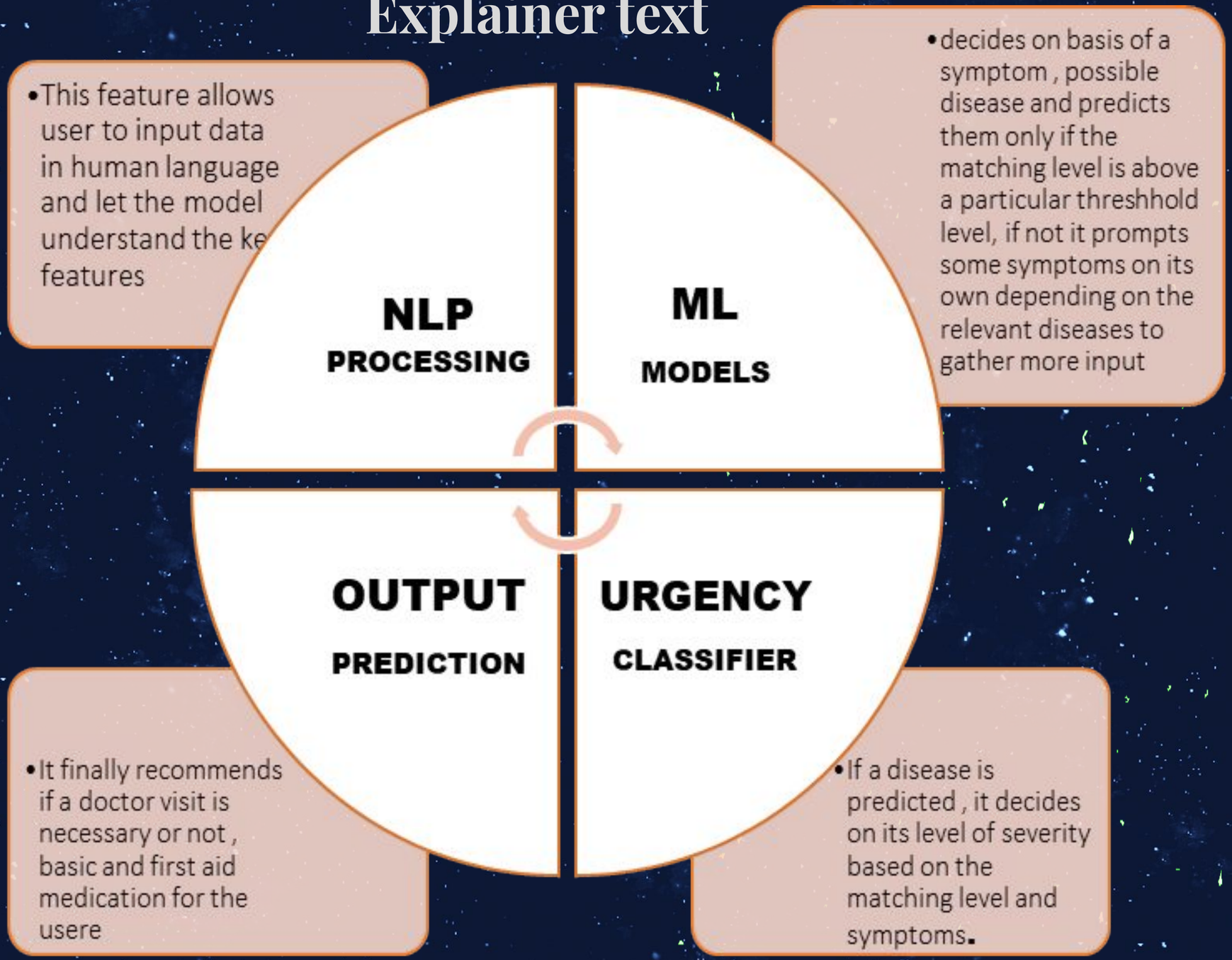




HEALTH SAHAYAK

FLOWCHART / DIAGRAM

Explainer text



✅ Features

- Symptom-Based Disease Prediction using ML algorithms.
- Basic Treatment Recommendations for non-critical cases.
- Urgency Detection to advise if doctor consultation is needed.

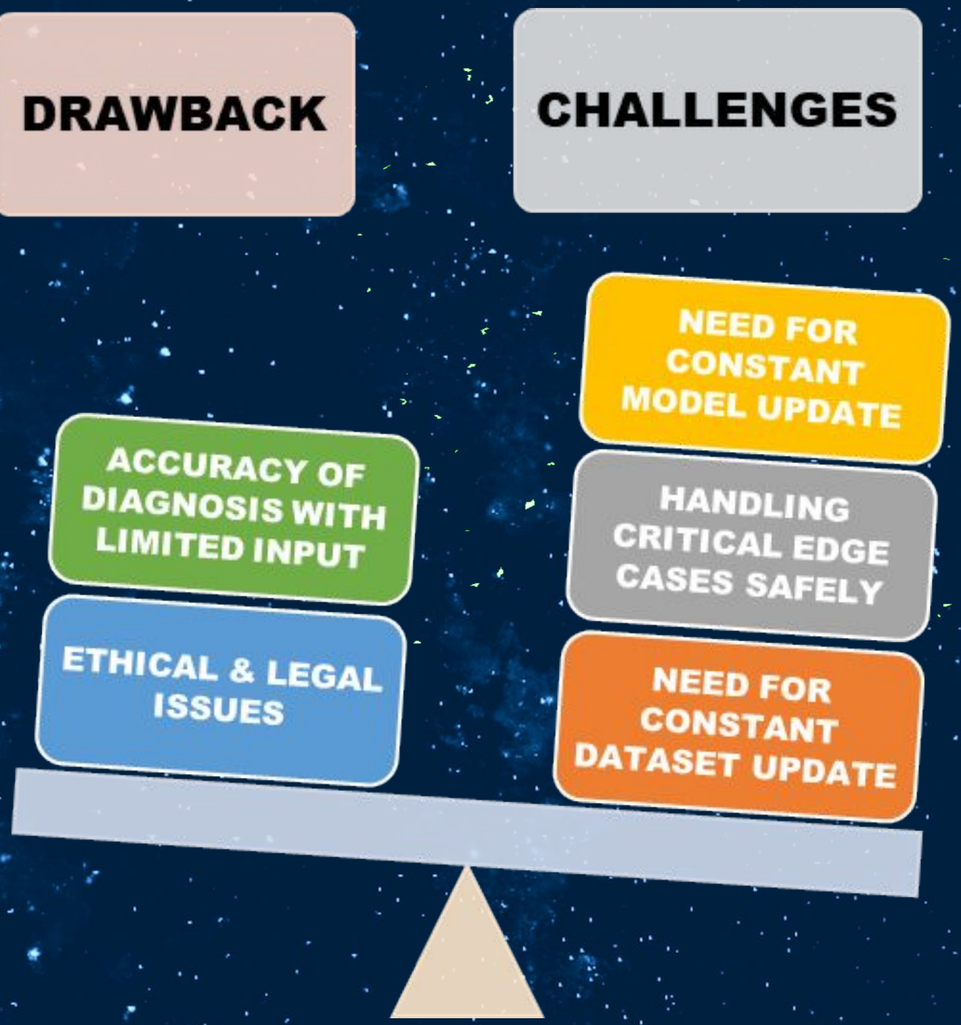
🌟 Novelty

❑ All-in-One Assistant: Diagnosis, treatment, and urgency in one tool.

❑ Supports Remote Areas with limited medical access.

❑ AI-Driven Early Guidance before visiting a doctor.

DRAWBACK AND SHOWSTOPPER



Future Scope includes Voice-based interaction,Integration with wearable devices ,Multi-language support ,Integration with telemedicine platforms

An AI/ML-based health assistant can transform early-stage medical decision-making.Enhances accessibility, saves resources, and empowers users.A step toward democratizing healthcare

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Thank you