

Problems Statement (Theme: Health)

S No. 5 Automatic Health Monitoring System: In present days, the patients belonging to rural and suburban communities do not maintain the diagnosis reports for which they frequently go for regular checkups wasting their valuable money. Thus, an automatic report maintaining system is to be developed to avoid repetitive diagnosing of the patients.

Abstract:

Our project, **MediHub**, is a user-friendly system designed to help patients effortlessly manage their medical history. With easy upload options for both digital and hard copy reports, **MediHub** uses smart algorithms to extract and organize information from medical reports. The system sends automated reminders for checkups based on the last visit, encouraging timely follow-ups. The platform also maintains a clear history of diagnoses and lab reports, making it easy for patients to track their health journey. MediHub aims to simplify healthcare by reducing redundancy and promoting proactive health management.

Problems addressed:

- Disorganized Medical History
- Difficulty in Report Handling (Non-Digital and Digital reports)
- Missed Checkups and Follow-ups
- Redundant Information
- Lack of Proactive Health Management
- Difficulty in Tracking Health Journey
- Communication Gaps
- Limited Access to Information
- Complexity in Healthcare Processes
- Availability of reports

Key features include:

- Streamlined Report Upload:
The system accommodates the submission of digital or hard copy medical reports, offering a user-friendly interface for effortless data entry.
- Intelligent Data Parsing:
Advanced parsing algorithms extract pertinent information from uploaded reports, ensuring accurate and comprehensive data ingestion into the system.
- Automated Reminder System:
Leveraging the last checkup date, the system sends timely reminders to patients, promoting regular health checkups and minimizing the risk of neglecting important appointments.
- Efficient History Tracking:
The platform maintains a meticulously organized and easily accessible history of diagnoses and lab reports, enabling patients and healthcare providers to track medical progress effortlessly.

Team Details:

Team Name: Level 1

Team Leader: A Praneeth (praneethayla@gmail.com | 8688364816)

Team Members:

- G Madhu Sudhan Rao
- Bhargav Pattanayak
- A Vyshnavi