



AMITY UNIVERSITY

UTTAR PRADESH

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY DEPARTMENT OF INFORMATION TECHNOLOGY

WEEKLY PROGRESS REPORT (WPR)

For the week commencing on 08/09/2025 - 14/09/2025

Program: B. Tech (Information Technology)

Batch: 2022-2026

Student Name: Sarthak Jha

Enrolment Number: A2305322060

Faculty Guide: Dr Saru Dhir

Project Title: Integrating diverse medical datasets ensuring data privacy and compliance

Targets set for the week:

1. - Implement comparison and filter options for Insurance Partner module.
- Begin development of email/notification feature for patient updates.
- Perform initial round of usability testing on Live Bed Map, Doctor Switch, and Insurance modules.
- Collect user feedback for UI improvements.
2. Design and integrate Insurance Partners module into the system.

3. Ensure Insurance Partner details are displayed in a structured and user-friendly format.
4. Maintain compliance with privacy and data handling standards while adding insurance integration.

Progress/Achievements for the week:

1. - Added filter and comparison functionality to Insurance Partner module, enabling patients to compare plans more effectively.
 - Developed basic notification system to alert patients about insurance updates.
 - Conducted preliminary usability testing with sample users and identified areas for UI refinement.
 - Improved the interface flow between Live Bed Map and Doctor Switch for smoother navigation.
2. Developed and integrated Insurance Partners list feature, allowing patients to view and select insurance providers directly from the platform.
3. Created a simple UI to display insurance details such as partner name, coverage type, and plan details.
4. Ensured secure handling of insurance-related data to maintain compliance.

Future Work Plans:

1. - Enhance notification system with scheduling and reminder features.
 - Refine UI based on feedback collected during usability testing.
 - Strengthen backend security for insurance data handling.
 - Prepare for system-wide integration testing across all modules.

2. Integrate email/notification support to inform patients about available insurance plans.
3. Enhance user interface for a more seamless patient experience across all modules.
4. Conduct comprehensive testing of all newly integrated features (Insurance + Live Bed Map + Doctor Switch).

A handwritten signature in blue ink, appearing to read "Sam".