AMITY UNIVERSITY
— UTTAR PRADESH —

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

WEEKLY PROGRESS REPORT (WPR)

For the week commencing on **25/08/2025 -31/08/2025**

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. Fix reported bugs in project modules.
2. Improve debugging process and maintain error logs.
3. Optimize existing code for better performance.
4. Begin implementation of new patient-focused features (Live Bed Map and Doctor Switch).

Progress/Achievements for the week:
1. Fixed critical bugs in login and registration modules.
2. Optimized CSS and JavaScript files to reduce load time.
3. Successfully designed and integrated Live Bed Map feature to display real-time

hospital bed availability.
4. Implemented Doctor Switch option allowing patients to change/choose preferred doctors from within the system.

Future Work Plans:
1. Conduct detailed testing of Live Bed Map and Doctor Switch modules to ensure accuracy and stability.
2. Enhance user interface for better patient interaction and usability.
3. Strengthen data security and privacy compliance during new feature integration.
4. Continue improving error tracking and project documentation.