**STUDENT PROJECT DIARY**

**Project Title: Hospital Management System (HMS)**

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| **Sl No.** | **Registration number** | **Name of the student** |
| 1. | 210907254 | G Jaya Vikram |

**Name of the supervisor:** ……………Prashanth Barla……….... (Internal)

………………Sharwan Kumar……….. (External)

**Progress of the Project:**

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| **Sl No** | **Project Activity** | **Description** | **Date of Completion** |
| 1. | High Level Design | Made a flow chart of entire Project’s life cycle | 12-03-2025 |
| 2. | Simple Login | We made a simple login page in the backend to get familiar with the backend infrastructure | 14-03-2025 |
| 3. | Model for Patient and Doctor | We created tables for storing both patients and doctors records | 18-03-2025 |
| 4. | Controller for Patient and Doctor | Created controllers for patient and doctor to handle http requests | 20-03-2025 |
| 5. | Service methods for Patient and Doctor | Defined methods that were used in controller in service classes | 21-03-2025 |
| 6. | Postman Manual Testing | We tested the doctor and patient Api’s by loading data | 24-03-2025 |
| 7. | Login Authentication | We created a login page in the backend which will authenticate the username/password of the user | 26-03-2025 |
| 8. | Appointment Creation | We created the different api’s using CRUD operations for Appointments | 28-03-2025 |
| 9. | Billing creation | We created different Api’s using CRUD operations for payment, generating, viewing invoices etc. | 02-04-2025 |
| 10. | Data Transfer Object  creation for Doctor | To make it easy for patients to book appointments | 03-04-2025 |
| 11. | Medical History | We created the Api’s in postman to update patient’s records, view their medical history etc. | 07-04-2025 |

**Student details**

**Name: G Jaya Vikram**

Reg No. :210907254

**Internal Guide details**

**Prashanth Barla**