

## **Introduction:**

This document provides a detailed analysis of how we managed to complete all tasks within the sprint schedule. It includes a network diagram depicting the task dependencies and the critical path, as well as strategies we used to keep the sprint on track.

## **Network Diagram:**

**[Start]**

|  
v

**[Log Appointments]**

|  
v

**[Basic Search] <-- (depends on completion of Log Appointments)**

|  
v

**[Document Visibility for Appointments] <-- (depends on completion of Basic Search)**

|  
v

**[End]**

## **Critical Path Analysis**

The critical path is highlighted in the network diagram. It includes the following tasks:

### **1. \*\*Log Appointments\*\*:**

- Implement form for logging new cases/appointments.
- Enable upload functionality for multiple documents.
- Design and implement the UI for case/appointment logging.
- Implement outcome selection for each appointment.

### **2. \*\*Basic Search\*\*:**

- Develop the search page UI.
- Implement the search functionality.
- Integrate with the backend database.
- Display search results and implement pagination.

### **3. \*\*Document Visibility for Appointments\*\*:**

- Design the UI to display documents related to appointments.

The critical path represents the longest sequence of tasks that must be completed on time for the entire project to be completed by the due date.

## **# Keeping the Sprint on Schedule:**

### **Regular Progress Reviews**

We conducted progress reviews frequently, which allowed us to identify and resolve any issues promptly. These reviews helped us stay on track and adjust our plans as needed.

### **Effective Communication**

Regular communication through daily stand-up meetings and instant messaging ensured that all team members were aware of their responsibilities and deadlines. This facilitated smooth collaboration and timely completion of tasks.

### **Risk Management**

Potential risks were identified during the planning phase, and mitigation strategies were developed to handle any unforeseen issues. This proactive approach minimized disruptions and kept the project on schedule.

### **#New findings:**

#### **Importance of Accurate Estimations**

Accurate time estimations were crucial in maintaining the schedule and avoiding delays.

#### **Significance of Regular Reviews**

Regular progress reviews helped us identify issues early and take corrective actions promptly. This practice ensured continuous progress and prevented bottlenecks.

#### **Value of Communication**

Effective communication among team members was essential in coordinating efforts and staying on schedule. Regular updates and discussions helped us address concerns and make informed decisions quickly.