**Project Plan**

**Timeline**

A detailed timeline will be created using a **Gantt chart** to track the project's progress. The timeline will outline key phases, tasks, and deadlines for each deliverable.

We will use **ClickUp** to manage the timeline, assigning tasks to team members and setting dependencies between different project stages

<https://app.clickup.com/9012675172/v/l/8ck50k4-252>

**Milestones & Deliverables**

| **Milestone** | **Deliverables** | **Due Date** |
| --- | --- | --- |
| Project Initiation | Project Proposal, Initial Research | Week 1 |
| Data Collection | Gather and preprocess medical documents | Week 3 |
| Model Selection | Choose suitable NLP models and techniques | Week 5 |
| Model Development | Train and fine-tune the NLP model | Week 7 |
| Evaluation & Testing | Model evaluation, testing, and validation | Week 9 |
| Deployment | Deploy the system on a cloud platform | Week 11 |
| Final Report & Review | Documentation and final project review | Week 12 |

**Resource Allocation**

Each team member will have specific responsibilities to ensure efficient workflow.

| **Team Member** | **Responsibility** |
| --- | --- |
| Esraa Said, Asmaa Hassan | Data Collection & Preprocessing |
| Esraa said,Mohamed shehata | Model Development (NLP, Training) |
| Asmaa Hassan ,Mohamed Elkholy | Model Evaluation & Optimization |
| Marwa Mansour, Mohamed Elkholy | System Deployment & Integration |
| Mohamed Shehata,Marwa Mansour | Documentation & Final Report |

Each member will collaborate closely to ensure smooth execution and project success.