|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Name** | **Duration** | **Predecessor** |
| 1 | Design User Interface | 18 days | None |
| 2 | Implement Upload Interface | 7 days | Task 1 |
| 3 | Integrate Client-Side Validation | 7 days | Task 1 |
| 4 | Finalize Frontend Design | 4 days | Task 2, Task 3 |
| 5 | Desing Database Table | 7 days | Task 4 |
| 6 | Develop Python Backend | 21 days | Task 4 |
| 7 | Implement File Handling Logic | 7 days | Task 6 |
| 8 | Preprocess Text Data | 14 days | Task 6 |
| 9 | Finalize the AI model | 7 days | Task7, Task8 |
| 10 | Write Unit Tests | 18 days | Task 4, Task 9 |
| 11 | Conduct Integration Testing | 7 days | Task 10 |
| 12 | Perform User Testing | 7 days | Task 11 |
| 13 | Document System Architecture | 14 days | None |

