**Initial Project Planning Report**

Project Backlog, Sprint Schedule, and Estimation

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement** | **User story** | **User Story/Task** | **Priority** | **Team Members** | **Sprint start Date** | **Sprint End Date** |
| Sprint-1 | Data Collection and Preprocessing | US-1 | Understanding and loading data | Low | Joel J D | 6/14/2025 | 6/15/2025 |
| Sprint-1 | Data Collection and Preprocessing | US-2 | Data cleaning | High | Joel J D | 6/15/2025 | 6/15/2025 |
| Sprint-1 | Data Collection and Preprocessing | US-3 | EDA | Medium | Joel J D | 6/16/2025 | 6/16/2025 |
| Sprint-2 | Model Development | US-4 | Training the model | Medium | Aravindhan B | 6/17/2025 | 6/17/2025 |
| Sprint-2 | Model Development | US-5 | Evaluating the model | High | Aravindhan B | 6/18/2025 | 6/18/2025 |
| Sprint-2 | Model tuning and testing | US-6 | Model tuning | High | Aravindhan B | 6/18/2025 | 6/18/2025 |
| Sprint-2 | Model tuning and testing | US-7 | Model tuning | Medium | Saumyarup G | 6/18/2025 | 6/18/2025 |
| Sprint-3 | Web integration and deployment | US-8 | Building HTML templates | Low | Saumyarup G | 6/19/2025 | 6/19/2025 |
| Sprint-3 | Web integration and deployment | US-9 | Local deployment | Medium | Saumyarup G | 6/19/2025 | 6/19/2025 |