**Initial Project Planning Template**

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| Date | 12 JULY 2024 |
| Team ID | SWTID1720438678 |
| Project Name | Early prediction of chronic kidney disease. |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Project Initialization and Planning Phase | CKD-10 | Define Problem Statement | 1 | Low | Sanjay | 17/6/24 | 24/6/24 |
| Sprint-1 | Project Initialization and Planning Phase | CKD-11 | Project Proposal (Proposed Solution) | 1 | Low | Anin | 17/6/24 | 24/6/24 |
| Sprint-1 | Project Initialization and Planning Phase | CKD-12 | Initial Project Planning | 1 | Low | Allen | 17/6/24 | 24/6/24 |
| Sprint-2 | Data Collection and Preprocessing Phase | CKD-14 | Data Collection Plan and Raw Data Sources Ident Project Initialization and Planning Phase ified | 2 | Medium | kanishk | 24/6/24 | 1/7/24 |
| Sprint-2 | Data Collection and Preprocessing Phase | CKD-15 | Data Quality Report | 2 | Low | Anin | 24/6/24 | 1/7/24 |
| Sprint-2 | Data Collection and Preprocessing Phase | CKD-17 | Data Exploration and Preprocessing | 2 | Moderate | Kanishk | 24/6/24 | 1/7/24 |
| Sprint-3 | Model Development Phase | CKD-18 | Feature Selection Report | 1 | Low | Allen | 1/7/24 | 8/7/24 |
| Sprint-3 | Model Development Phase | CKD-19 | Initial Model Training Code, Model Validation and Evaluation Report | 2 | High | kanishk | 1/7/24 | 8/7/24 |
| Sprint-3 | Model Development Phase | CKD-20 | Model Selection Report | 2 | High | Anin | 1/7/24 | 8/7/24 |
| Sprint-3 | Model Optimization and Tuning Phase | CKD-22 | Model Optimization and Tuning Phase | 1 | High | Sanjay | 1/7/24 | 8/7/24 |