Initial Project Planning Template

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| Date | 15 JUNE 2024 |
| Team ID | SWTID1720174640 |
| Project Name | Early Prediction of Chronic Kidney Disease using ML model |
| Maximum Marks | 4 Marks |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-1 | **Define Problem / Problem Understandi ng** | USN-1 | Specify The Business Problem | 2 | High | Yamavarapu Bhanodai Yadav | July 4 | July 10 |
| Sprint-1 |  | USN-2 | Business Requirements | 1 | High | KONDRU CHARWICK HAMESH | June 4 | June 10 |
| Sprint-2 |  | USN-3 | Literature Survey | 2 | Low | KONDRU CHARWICK HAMESH | June 18 | July 4 |
| Sprint-1 |  | USN-4 | Social Or Business Impact | 2 | Medium | Yamavarapu Bhanodai Yadav | June 4 | July 12 |

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| Sprint-1 | **Data Collection & Preparation** | USN-5 | Collect The Dataset | 1 | Low | Yamavarapu Bhanodai Yadav | June 4 | July 6 |
| Sprint-1 |  | USN-6 | Data Preparation/D ata Preprocessing | 2 | High | Yamavarapu Bhanodai Yadav | June4 | July 8 |
| Sprint-1 | **Exploratory Data Analysis** | USN-7 | Descriptive Statistics | 1 | High | Yamavarapu Bhanodai Yadav | June 4 | July 8 |
| Sprint-2 |  | USN-8 | Visual Analysis | 1 | Medium | Yamavarapu Bhanodai Yadav | June 18 | July 8 |
| Sprint-2 | **Model Building** | USN-9 | Training The Model In Multiple Algorithms | 2 | High | Trishank Samineni | June18 | July 10 |
| Sprint-2 |  | USN-10 | Testing The Model | 1 | Low | Trishank Samineni | June 18 | July 10 |
| Sprint-2 | **Performance Testing &** | USN-11 | Testing Model With | 1 | Medium | Trishank Samineni | June 18 | July 12 |

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
|  | **Hyperparam eter Tuning** |  | Multiple Evaluation Metrics |  |  |  |  |  |
| Sprint-3 | **Model Deployment** | USN-12 | Save The Best Model | 1 | High | Aditya ks | July 1 | July 12 |
| Sprint-3 |  | USN-13 | Integrate With Web Framework | 2 | High | Aditya ks | July1 | July14 |
| Sprint-3 | **Project Demonstration & Documentation** | USN-14 | Activity 1: - Record explanation Video for project end to end solution. | 2 | Medium | KONDRU CHARWICK HAMESH,  ADITYA KS,  Trishank Samineni,  Yamavarapu Bhanodai Yadav | July 1 | July18 |
| Sprint-3 |  | USN-15 | Activity 2: - Project Documentatio n-Step by step project development procedure. | 1 | Medium | KONDRU CHARWICK HAMESH, Trishank Samineni, Yamavarapu Bhanodai Yadav,  Aditya KS | July 1 | July 18 |