**Initial Project Planning Template**

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| Date | 15 July 2024 |
| Team ID | SWTID1720151584 |
| Project Name | Early Prediction of Chronic Kidney Disease |
| Maximum Marks | 4 Marks |

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

Use the below template to create a product backlog and sprint schedule

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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  Understanding | ESP-2 | Specify the Business Problem. | 2 | High | Asneem | 7-7-2024 | 7-7-2024 |

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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  Understanding | ESP-3 | Business Requirements | 1 | High | Asneem | 7-7-2024 | 7-7-2024 |
| Sprint-1 | Define  Problem/  Problem  Understanding | ESP-4 | Literature Survey | 2 | Low | Mahesh | 7-7-2024 | 9-7-2024 |
| Sprint-1 | Define  Problem/  Problem  Understanding | ESP-22 | Social or Business impact | 2 | Medium | Mahesh | 8-7-2024 | 8-7-2024 |
| Sprint-2 | Data  Collection and  preparation | ESP-7 | Collect the Dataset | 3 | High | Suvarchala | 9-7-2024 | 9-7-2024 |

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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-2 | Data  Collection and  preparation | ESP-8 | Data preparation | 2 | Medium | Shradha | 9-7-2024 | 9-7-2024 |
| Sprint-3 | Exploratory  Data Analysis | ESP-11 | Descriptive Statistics | 2 | Medium | Shradha | 9-7-2024 | 10-7-2024 |
| Sprint-3 | Exploratory  Data Analysis | ESP-12 | Visual analysis | 1 | Low | Suvarchala | 8-7-2024 | 10-7-2024 |
| Sprint-4 | Model  Building | ESP-14 | Training the models in Multiple algorithms | 4 | Very high | Asneem | 9-7-2024 | 10-7-2024 |
| Sprint-4 | Model Building | ESP-15 | Testing the model | 3 | High | Mahesh | 9-7-2024 | 10-7-2024 |
| Sprint-5 | Performance  Testing & Hyperparamet  er Tuning | ESP-17 | Testing model with multiple Evaluation Metrics | 1 | Low | mahesh | 10-7-2024 | 10-7-2024 |

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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-6 | Model  Deployment | ESP-19 | Save the Best Model | 5 | Very important | Suvarchala | 10-7-2024 | 10-7-2024 |
| Sprint-6 | Model  Deployment | ESP-20 | Integrate with Web Framework | 3 | High | Shradha | 9-7-2024 | 11-7-2024 |
| Sprint-7 | Project  Demonstration and  Documentatio n | ESP-21 | Here the project documentation will be taken care. | 5 | Very  Important | Mahesh | 11-7-2024 | 11-7-2024 |
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**Screenshots of Jira are attached below:**







