**Initial Project Planning Template**

|  |  |
| --- | --- |
| Date | 9 JULY2024 |
| Team ID | 739950 |
| Project Name | Anemiasense: Leveraging Machine Learning For Precise Anemia Recognitions |
| Maximum Marks | 4 Marks |

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

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | USN- 9891501 | As a user, I want to define the specific problem statement and objectives for the Anemiasense: Leveraging Machine Learning For Precise Anemia Recognitions | 2 | Medium | Ashritha | 20/06/2024 | 20/06/2024 |
| Sprint-2 | Data Collection and Preparation | USN-9891509 | As a user, I want to gather and preprocess Anemiasense data from various sources for analysis. | 3 | High | Ashritha  Tharun | 21/06/2024 | 24/06/2024 |
| Sprint-3 | Exploratory Data Analysis | USN-9891516 | As a user, I want to perform exploratory data analysis to understand patterns and relationships in Anemia attributes. | 2 | Medium | Ashritha  Yashwanth | 25/06/2024 | 27/06/2024 |
| Sprint-4 | Model Building | USN-9891521 | As a user, I want to develop and train best model among few models to predict Anemia health based on collected data. | 4 | High | Ashritha | 28/06/2024 | 2/06/2024 |
| Sprint-5 | Performance Testing | USN- 9891525 | As a user, I want to conduct performance testing to evaluate the accuracy and efficiency of the developed model. | 2 | Medium | Ashritha  Tharun | 29/06/2024 | 30/06/2024 |
| Sprint-6 | Deployment | USN- 9891526 | As a user, I want to deploy the trained model onto a production server for real-time predictions. | 5 | High | Ashritha  Yashwanth | 01/07/2024 | 07/07/2024 |
| Sprint-7 | Documentation | USN- 9891532 | As a user, I can contribute to and update the documentation to ensure it remains current and comprehensive for the application. | 3 | Medium | Ashritha | 08/07/2024 | 10/07/2024 |