**Project Planning Phase**

|  |  |
| --- | --- |
| Date | 20 October 2022 |
| Team ID | PNT2022TMID2864 |
| Project Name | Efficient Water Quality Analysis and Prediction using Machine Learning |
| Team Lead | Puttu Bharath Kumar |
| Team Members | 1.Ashok 2.Kishore 3.Nagababu |
| Maximum Marks | 8 Marks |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Thamotharan.C |
| Sprint-1 | User Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for getting the data set. | 1 | High | Mohanakannan.G |
| Sprint-1 | Login | USN-3 | As a user, I can login to the application by entering my email and password. | 1 | High | Kathirvel.P |
| Sprint-1 | Home Page | USN-4 | As a user, I can find the data set to analyse waterquality. | 2 | High | Kokila.V |

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

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

Use the below template to create product backlog and sprint schedule

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points**  **Completed (as on**  **Planned End Date)** | **Sprint Release Date (Actual)** |
| Sprint-1 | 20 | 4 Days | 24 Oct 2022 | 27 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 28 Oct 2022 | 01 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-3 | 20 | 8 Days | 02 Nov 2022 | 09 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 9 Days | 10 Nov 2022 | 18 Nov 2022 | 20 | 19 Nov 2022 |