**Project Planning Phase**

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

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| --- | --- |
| Date | 21/10/2022 |
| Team ID | Harshitha S, Gowtham TG,Akram,Dhayanand |
| Project Name | Statistical Machine Learning Approaches to Liver Disease Prediction |
| Maximum Marks | 4 Marks |

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| **User Type** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
|  |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application  through website | I can register the website | Low | Sprint-1 |
|  | Login | USN-4 | As a user, I can log into the application by entering email & password | I can login into the website | Medium | Sprint-2 |
|  | Dashboard | USN-5 | As a user, I can access dashboard | I can get into the dashboard | High | Sprint-2 |
| Customer (Web user) |  | USN-6 | As a user, I can predict accurate presence of liver disease based on liver enzymes, proteins, age and gender. | I can predict accurate presence of liver disease based on liver enzymes, proteins, age and  gender. | High | Sprint-1 |
| Customer Care Executive |  | USN-7 | As a user, I can get support from admin in case of any issues and also some recommendations. | I can get support from admin in case of any  issues and also some recommendations. | High | Sprint-3 |
| Administrator |  | USN-8 | Get all issues solved whatever the issue is. | I can get all issues solved whatever the issue is mostly regarding prediction. | High | Sprint-4 |

**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 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |
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**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

