**Project Planning Phase**

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

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| --- | --- |
| Date | 12 November 2022 |
| Team ID | PNT2022TMID24120 |
| Project Name | Project - Plasma Donor Application |
| Maximum Marks | 8 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-1 | Registration | PDA-1 | As a user, I can register for the application by entering my Name, email, password, confirming my password, Age, Blood Group. | 3 | High | Nandhini L |
| Sprint-3 | PDA-2 | As a user, I will receive confirmation email once I have registered for the application | 3 | Medium | Sharath Kumar R |
| Sprint-2 | PDA-3 | As a user, I can register for the application through Gmail | 5 | Medium | Sarika P |
| Sprint-1 | Login | PDA-4 | As a user, I can log into the application by entering email and password | 1 | High | Ramya N,  Sharath kumar R |
| Sprint-3 | PDA-5 | As a user, I can reset my password using Forgot Password option | 4 | Medium | Sarika P |
| Sprint-4 | PDA-6 | As a user, I can view my past requests for plasma donation | 2 | Low | Nandhini L, Sarika P |
| Sprint-4 | PDA-8 | As a user, I can close past requests I made for plasma | 2 | Low | Nandhini L |
| Sprint-1 | Home Page | PDA-10 | As a user, I can view the homepage of the website | 2 | Medium | Ramya N |
| Sprint - 1 | About Page | PDA-12 | As a user, I can view the about page on the website and get information related to Plasma Donation | 2 | Medium | Sarika P |
| Sprint - 2 | Register as Donor | PDA-13 | As a user, I can register as a donor by submitting a form and uploading certificate of recovery from Covid-19 | 3 | High | Ramya N |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-2 | Send Request | PDA-14 | As a user, I can raise a request for plasma donation with specific requirements through the request page. | 2 | High | Sharath kumar R |
| Sprint-3 | View Requests | PDA-15 | As a user, I can view requests for plasma donation verified by admin | 4 | Medium | Ramya N |
| Sprint-4 | Maintenance | PDA-16 | As an admin, I can maintain the databases involved | 2 | Medium | Sarika P,  Sharath Kumar R |
| Sprint-2 | Handle Requests | PDA-17 | As an admin, I can view all requests for plasma donation | 1 | High | Ramya N |
| Sprint-4 | PDA-18 | As an admin, I can delete requests that are past some time period or have been closed | 3 | Low | Sarika P |
| Sprint-2 | Solving User Queries | PDA-19 | Creating an ChatBot that helps to solve the queries of the user. | 2 | High | Nandhini L |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 8 | 5 Days | 27 Oct 2022 | 31 Oct 2022 |  |  |
| Sprint-2 | 13 | 6 Days | 1 Nov 2022 | 06 Nov 2022 |  |  |
| Sprint-3 | 11 | 6 Days | 07 Nov 2022 | 12 Nov 2022 |  |  |
| Sprint-4 | 9 | 6 Days | 14 Nov 2022 | 19 Nov 2022 |  |  |

**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)



**Burndown Chart:**

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile [software development m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies such as [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time.

[**https://www.visual-paradigm.com/scrum/scrum-burndown-chart/**](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

