Project Planning Phase

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID05580 |
| Project Name | Plasma Donor Application |
| Maximum Marks | 8 Marks |

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

Use the below template to create 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- 1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and  confirming my password. | 2 | High |  |
| Sprint- 1 |  | USN-2 | As a user, I will receive confirmation email once  I have registered for the application | 1 | High |  |
| Sprint- 2 |  | USN-3 | As a user, I can register for the application  through Gmail | 2 | Medium |  |
| Sprint- 2 | Login | USN-4 | As a user, I can log into the application by entering email | 1 | High |  |
| Sprint- 3 | Dashboard | USN-5 | As a user/patient I can  request for plasma donation . | 2 | Medium |  |
| Sprint- 4 |  | USN-6 | As a user/donor I can display my health certificate to donate  plasma | 1 | High |  |

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 | 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 Nov2022 |
| Sprint- 3 | 20 | 6 Days | 07 Nov  2022 | 12 Nov 2022 | 20 | 07 Nov 2022 |

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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- 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)



Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies 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.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management> <https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software> <https://www.atlassian.com/agile/tutorials/epics> <https://www.atlassian.com/agile/tutorials/sprints> <https://www.atlassian.com/agile/project-management/estimation> <https://www.atlassian.com/agile/tutorials/burndown-charts>