# Project Planning Phase

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

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| --- | --- |
| Team ID | PNT2022TMID31865 |
| Project Name | Project - 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 web  app by entering my email, password, and confirming my password. | 20 | High | 1.Mithun Kumar N  2.Mohan Prasath M  3.Mohanprasanth S  4.Banu Prakash M K  5.Tarunika Reddy D |
| **Sprint-2** | Login | USN-2 | As a user, I can log into the  application by entering email & password. | 20 | High | 1.Mithun Kumar N  2.Mohan Prasath M  3.Mohanprasanth S  4.Banu Prakash M K  5.Tarunika Reddy D |
| **Sprint-3** | Donor  Information | USN-3 | Donors can update their personal  information e.g.: blood group. | 20 | High | 1.Mithun Kumar N  2.Mohan Prasath M  3.Mohanprasanth S  4.Banu Prakash M K  5.Tarunika Reddy D |

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| **Sprint** | **Functional Requirement**  **(Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| **Sprint-4** | Finding the donor | USN-4 | The patient can find the donor with their similar blood group | 20 | High | 1.Mithun Kumar N  2.Mohan Prasath M  3.Mohanprasanth S  4.Banu Prakash M K  5.Tarunika Reddy D |

# Project Tracker, Velocity (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-1** | 20 | 3 Days | 24 Oct 2022 | 26 Oct 2022 | 20 |
| **Sprint-2** | 20 | 3 Days | 27 Oct 2022 | 30 Oct 2022 | 20 |
| **Sprint-3** | 20 | 6 Days | 31 Oct 2022 | 5 Nov 2022 | 20 |
| **Sprint-4** | 20 | 6 Days | 06 Nov 2022 | 12 Nov 2022 | 20 |

**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)