**Project Planning Phase**

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

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| --- | --- |
| Date | 07 November 2022 |
| Team ID | PNT2022TMID02299 |
| Project Name | Plasma Donor Application |
| Maximum Marks | 8 Marks |

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

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Donor Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 3 | High | Sundari.M,  Swetha.S |
| Sprint-2 | Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 3 | High | Swarna Gowri.B,  Usharani.S |
| Sprint-1 | Donor Login | USN-3 | As a user, I can login to the application using a password and email. | 3 | Low | Sundari.M,  Swetha.S |
| Sprint-2 | Recipient Registration | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Swarna Gowri.B,  Usharani.S |
| Sprint-2 | Recipient Login | USN-5 | As a user, I can log into the application by entering email & password | 2 | High | Swarna Gowri.B,  Usharani.S |
| Sprint-3 | Notification | USN-6 | As a user, I can send request to donors about requirements for plasma , which they will receive as a notification via email . | 3 | Medium | Sundari.M,  Swetha.S |
| Sprint-3 | Response from Donor as a Notification | USN-7 | As a user, I respond to the requests from recipients which they will receive as a notification via email. | 3 | Medium | Sundari.M,  Swetha.S |
| Sprint-4 | Dashboard | USN-8 | As a user , I can see information about the application. | 4 | Low | Swarna Gowri.B,  Usharani.S |

**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 | 6 | 5 Days | 30 Oct 2022 | 4 Nov 2022 | 6 | 4 Oct 2022 |
| Sprint-2 | 7 | 6 Days | 4 Nov 2022 | 8 Nov 2022 |  |  |
| Sprint-3 | 6 | 6 Days | 9 Nov 2022 | 12 Nov 2022 |  |  |
| Sprint-4 | 4 | 3 Days | 12 Nov 2022 | 19 Nov 2022 |  |  |

**Velocity:**

Sprint 1:

Velocity:

Average Velocity (AV)=Sprint duration/Velocity=6/5=1.2

Sprint 2:

Velocity:

Average Velocity (AV)=Sprint duration/Velocity=7/6=1.16

Sprint 3:

Velocity:

Average Velocity (AV)=Sprint duration/Velocity=6/6=1

Sprint 4:

Velocity:

Average Velocity (AV)=Sprint duration/Velocity=4/3=1.33

**Burndown Chart:**