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

| Date | 23 October 2022 |
|---|---|
| Team ID | PNT2022TMID03282 |
| Project Name | Project - 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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 9 | High | Ravikumar S Narasiman L |
| Sprint-2 | Email Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | High | Joshua Jeberson A Yogeswaran V |
| Sprint-1 | Gmail registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Medium | Ravikumar S Narasiman L |
| Sprint-1 | Login | USN-4 | As a user, I can register for the application through Gmail | 3 | High | Joshua Jeberson A |
| Sprint-2 | Dashboard | USN-5 | As a user, I can log into the application by entering email & password | 5 | High | Joshua Jeberson A Yogeshwaran V |
| Sprint-3 | Request and Accept | USN-6 | As a user, I can request and accept for the donation. | 5 | Medium | Joshua Jeberson A |
| Sprint-3 | Display | USN-7 | As a user, I can see available nearby donation centres. | 8 | High | Ravikumar S |
| Sprint-3 | Location | USN-8 | As a user, I can able to reach the centre by using GPS location. | 8 | Medium | Ravikumar S Yogeswaran V |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-4 | Interaction | USN-9 | As a user, I can able to ask queries and clear my doubts using chatbot. | 8 | Low | Yogeshwaran V Narasiman L |
| Sprint-4 | Confirmation for acceptance | USN-10 | As a user, I can receive confirmation email once I have accepted for the donation. | 5 | Medium | Joshua Jeberson A Ravikumar S |
| Sprint-4 | User Details | USN-11 | As an admin, I should store the details of the user and maintain the application. | 5 | High | Joshua Jeberson A |

## 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 | | |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | | |

## Velocity:

Average velocity of Sprint-1: AV = 1.3

Average velocity of Sprint-2: AV = 1.2

Average velocity of Sprint-3: AV = 3.5

Average velocity of Sprint-4: AV = 3

## Burndown Chart: