

Project Planning Phase **Sprint Delivery Plan**

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|---------------|------------------------------------|
| Date | 24 October 2022 |
| Team ID | PNT2022TMID07974 |
| 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

| 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 | 4 |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | 4 |
| Sprint-2 | | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | 4 |
| Sprint-1 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | 4 |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | 4 |
| Sprint-3 | Dashboard | USN-6 | As a user, I can find the compatible donor by registering. | 3 | High | 4 |
| Sprint-3 | | USN-7 | As a user, I can find the donor availability by logging in. | 3 | High | 4 |
| Sprint-2 | | USN-8 | As a user, I can create a profile by registering. | 2 | Medium | 4 |
| Sprint-3 | | USN-9 | As a user, I can see the demand of plasma. | 3 | Medium | 4 |
| Sprint-4 | Database | USN-10 | As a user, I can store the availability and need of plasma information value. | 4 | High | 4 |

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 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

Velocity:

$$1) \text{ AV} = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{6}{6} = 1$$

$$2) \text{ AV} = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{4}{6} = 0.67$$

$$3) \text{ AV} = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{9}{6} = 1.5$$

$$4) AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{4}{6} = 0.67$$