**Project Planning Phase**

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

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| --- | --- |
| Date | 23 October 2022 |
| Team ID | PNT2022TMID34537 |
| Project Name | Plasma Donor Application |
| Maximum Marks | 8 Marks |

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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 donor, I can register for the application by entering my email /Phone number, password, and confirming my password. | 4 | High | Lenitha R  Shiny M |
| Sprint-1 | Login | USN-2 | Registered donor can log into the application by entering donor email & password. | 3 | High | Mahalakshmi P  Lenitha R |
| Sprint-2 | Verification | USN-3 | As a donor, I can enter my details to check the donor eligibility criteria. | 10 | Medium | Selva Nancy N  Mahalakshmi P |
| Sprint-3 | Dashboard | USN-4 | User can provide their personal details and location. | 7 | Low | Shiny M  Selva Nancy N |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-4 | Acceptance | USN-5 | User can accept their willingness to donate plasma. | 10 | Medium | Lenitha R  Selva Nancy N  Shiny M  Mahalakshmi P |

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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 receiver, I can register for the application  by entering my email /Phone number, password, and confirming my password. | 4 | High | Lenitha R  Selva Nancy N |
| Sprint-1 | Login | USN-2 | Registered receiver can log into the application by entering receiver email & password. | 3 | High | Mahalakshmi P  Lenitha R |
| Sprint-2 | Verification | USN-3 | As a receiver, I can enter my details to check the receiver eligibility criteria. | 10 | Medium | Shiny M  Mahalakshmi P |
| Sprint-3 | Dashboard | USN-4 | User can search the list of available donors. | 7 | Low | Selva Nancy N  Shiny N |
| Sprint-4 | Access | USN-5 | User can access the available donors list, then they can choose the donor who is nearby to receiver. | 10 | Medium | Mahalakshmi P  Shiny M  Lenitha R  Selva Nancy N |
| Sprint-1 | Registration | USN-1 | Third Party user can register for the application by entering my email /Phone number, password, and confirming my password. | 3 | High | Selva Nancy N  Shiny N |
| Sprint-1 | Login | USN-2 | Registered user can log into the application by entering user email & password. | 3 | High | Lenitha R  Selva Nancy N |
| Sprint-3 | Query System | USN-3 | User can ask their queries via Chabot which is available 24/7 to sort user issues. | 6 | Medium | Mahalakshmi P  Lenitha R |

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

**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)

