**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID28869 |
| Project Name | Educational Organisation using Servicenow |
| Maximum Marks | 5 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 | Setting Up Instance | USN-1 | As a user, I want to set up the ServiceNow instance so that I can begin development. | 2 | High | P. Nandu  E.S.Shireesha  J.Shanthamma |
| Sprint-1 | Creating Update Set | USN-2 | As a user, I want to create an update set to store my customizations safely. | 2 | High | P. Nandu  E.S. Shireesha  J.Shanthamma |
| Sprint-1 | Creating Table | USN-3 | As a user, I want to create a table to store educational organisation records. | 2 | High | P. Nandu  E.S. Shireesha  J.Shanthamm |
| Sprint-2 | Form Layout | USN-4 | As a user, I want to customize the form layout for better usability. | 2 | Medium | P. Nandu  E.S. Shireesha  J.Shanthamma |
| Sprint-2 | Form Design | USN-5 | As a user, I want to design the form with appropriate fields. | 2 | Medium | P. Nandu  E.S. Shireesha  J.Shanthamma |
| Sprint-3 | Number Maintenance | USN-6 | As a user, I want to maintain unique numbers for educational records | 2 | Medium | P. Nandu  E.S. Shireesha |
|  |  |  |  |  |  | J.Shanthamma |
| Sprint-3 | Process Flow | USN-7 | As a user, I want to define the process flow to automate record creation | 2 | High | P. Nandu  E.S. Shireesha  J.Shanthamma |
| Sprint-4 | Client Script | USN-8 | As a user, I want to write a client script to dynamically display Pincode. | 2 | High | P. Nandu  E.S. Shireesha  J.Shanthamma |
| Sprint-4 | Testing and Final Result | USN-9 | As a user, I want to test and verify all modules and submit the final result. | 2 | High | P. Nandu  E.S. Shireesha  J.Shanthamma |

**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 | 02 June 2025 | 07 June 2025 | 6 | 02 June 2025 |
| Sprint-2 | 4 | 4 Days | 09 June 2025 | 13 June 2025 | 4 | 09 June 2025 |
| Sprint-3 | 4 | 4 Days | 15 June 2025 | 20 June 2025 | 4 | 15 June 2025 |
| Sprint-4 | 4 | 4 Days | 22 June 2025 | 27 June 2025 | 4 | 22 June 2025 |

**Velocity:**

Velocity = Total Story Points / Total Duration

Total = (6 + 4 + 4 + 4) = 18

Total Days = (5 + 4 + 4 + 4) = 17

Average Velocity (AV) = 18 / 17 ≈ 1.06 story points/day

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies such as [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time. 