**Project Planning Phase**

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

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| --- | --- |
| Date | 22 June 2025 |
| Team ID | LTVIP2025TMID20412 |
| Project Name | Calculating Family Expenses using Service Now |
| Mentor Name | Dr Shaik Salma Begum |
| Maximum Marks | 5 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 | ServiceNow Setup | USN-1 | |  | | --- | | As a developer, I can set up a Personal Developer Instance to start configuring the solution. | | 2 | High | |  | | --- | |  |  |  | | --- | | Member 1 | |
| Sprint-1 | |  | | --- | |  |  |  | | --- | | Update Set Creation | | USN-2 | As a developer, I can create an update set to track configuration changes. | 1 | High | |  | | --- | | Member 1 | |
| Sprint-1 | Table Creation | USN-3 | |  | | --- | |  |  |  | | --- | | As a developer, I can create a Family Expenses table with auto-numbering and custom form design. | | 3 | High | |  | | --- | |  |  |  | | --- | | Member 1 | |
| Sprint-1 | Table Creation | USN-4 | |  | | --- | |  |  |  | | --- | | As a developer, I can create a Daily Expenses table with auto-numbering and custom form design. | | 3 | High | Member 1 |
| Sprint-2 | |  | | --- | |  |  |  | | --- | | Relationship and Related List | | USN-5 | |  | | --- | |  |  |  | | --- | | As a developer, I can configure relationships so Daily Expenses are linked to Family Expenses. | | 2 | High | Member 3 |
| Sprint-2 | |  | | --- | |  |  |  | | --- | | Related List Setup | | USN-6 | As a developer, I can add Daily Expenses as a related list on the Family Expenses form. | 1 | High | Member 4 |
| Sprint-2 | Business Rule | USN-7 | As a developer, I can create a business rule for Daily Expenses to automate actions on insert/update. | 2 | Medium | Member 2 |
| Sprint-3 | Budget Alerts | USN-8 | |  | | --- | |  |  |  | | --- | | As a user, I can receive an alert if expenses exceed the defined family budget. | | 3 | |  | | --- | |  |  |  | | --- | | Medium | | Member 3 |
| Sprint-3 | |  | | --- | |  |  |  | | --- | | Reporting | | USN-9 | |  | | --- | |  |  |  | | --- | | As a user, I can generate categorized reports to view spending patterns. | | 3 | Low | Member 3 |

**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 | 9 | 1 Day | 19 June 2025 | 19 June 2025 | 9 | 19 June 2025 |
| Sprint-2 | 5 | 1 Day | 20 June 2025 | 20 June 2025 | 5 | 20 June 2025 |
| Sprint-3 | 6 | 1 Day | 21 June 2025 | 21 June 2025 | 6 | 21 June 2025 |

**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)

