# Project Planning Phase

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

| Date | 22 October 2022 |
|---|---|
| Team ID | PNT2022TMID02964 |
| Project Name | Personal Expense Tracker |

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

| Sprint | Functional Requirements (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. | 3 | High | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |
| Sprint-1 | Login | USN-2 | As a user, I can login to user dashboard and see the information about my incomes and expenses. | 3 | High | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |

| Sprint | Functional Requirements (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-2 | Dashboard | USN-3 | As a user, I can enter my income and expenditure details. | 4 | High | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |
| Sprint-3 | Expense Update | USN-4 | As a user, I can track my expenses and manage my monthly budget. | 2 | High | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |
| Sprint-3 | Email Alert | USN-5 | As a user, I can see if there is an excessive expense and if there is such condition, I will be notified via email. | 6 | Medium | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |
| Sprint-4 | Customer Care | USN-6 | As a customer care executive, I can solve the login issues and other issues of the application. | 3 | Medium | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |
| Sprint-4 | Application | USN-7 | As an administrator, I can upgrade or update the application. | 3 | Medium | Nithish kumar S Jeya Venkatesh Mathan sundar Jegajeeth |

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:

Imagine we have a 6-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).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.33$$