# Project Planning Phase
## Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

| Date | 18October 2022 |
|---|---|
| Team ID | PNT2022TMID20053 |
| Project Name | Project – Personal Expense Tracker Application |
| Maximum Marks | 8 Marks |

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

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Release |
|---|---|---|---|---|---|---|
| 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 | Prasanna Kumar |
| Sprint 1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | Medium | Joshua Isaac Raj |
| Sprint 2 | | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Ram Kumar |
| Sprint 1 | | USN-4 | As a user, I can register for the application through phone number and OTP | 2 | High | Ram Praveen |
| Sprint 1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Prasanna Kumar |
| | Dashboard | USN-6 | As a user, I can Add or update my budget limit | 2 | High | Joshua Isaac Raj |
| | Registration | USN-7 | As a user, I can register using google gmail account. | 2 | Medium | Ram Kumar |
| Sprint 2 | Chat Bot(Customer Care Executive) | USN-8 | As a customer care officer, I can solve the problems faced by the user and address the solution for their queries | 1 | High | Ram Praveen |
| Sprint 3 | Login(admin) | USN-9 | As an Administrator, I can login through my username and password | 2 | High | Prasanna Kumar |
| | Dashboard(admin) | USN-10 | As a Administrator, I can able to view the user's basic information | 1 | Medium | Joshua Issac Raj |
| | Dashboard(admin) | USN-11 | As a administrator, I can able to view overall progress of user | 2 | Low | Ram Kumar |
| | Application updation | USN-12 | As a administrator, I can update the application | 2 | High | Ram Praveen |

**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 |
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**Velocity:**

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)

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

# Burndown Chart:

| Sprint | TASK | POINTS | 24/10/2022 | 25/10/2022 | 26/10/2022 | 27/10/2022 | 28/10/2022 |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 5 | 4 | 0 | 0 | 0 | 0 |
| | 3 | 5 | 4 | 1 | 0 | 0 | 0 |
| | 4 | 5 | 5 | 5 | 0 | 0 | 0 |
| | 5 | 4 | 4 | 4 | 0 | 0 | 0 |
| | 6 | 3 | 3 | 5 | 3 | 0 | 0 |
| | 7 | 5 | 5 | 5 | 5 | 4 | 0 |
| | 8 | 5 | 5 | 5 | 5 | 5 | 0 |
| Ideal working hours | | 30 | 24 | 18 | 12 | 6 | 0 |
| Actual Hours of Work | | 30 | 30 | 24 | 11 | 6 | 0 |