# Project Planning Phase

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

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID02710 |
| Project Name | Project - Personal Expense Tracker |
| Maximum Marks | 8 Marks |

## Product Backlog, Sprint Schedule, and Estimation (4 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 user, I can register for the application by entering my email, password, and confirming  my password. | 3 | High | Harshine  janani |
| Sprint-1 | USN-2 | As a user, I will receive confirmation email once  I have registered for the application | 3 | High | Harine |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 5 | High | Arthik |
| Sprint-1 | Dashboard & Logout | USN-4 | As a user, once I logged in I can access all the features of the web app and Logout once I  completed all the work. | 5 | High | Harshine |
| Sprint-1 | USN-5 | Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed | 4 | Medium | Janani |
| Sprint-2 | Expense | USN-6 | Add total income for the month and Allow for  edit option | 6 | High | Harine |
| Sprint-2 | USN-7 | Split the total income based on usage like entertainment, food, shopping etc. | 2 | Low | Arthik |
| Sprint-2 | USN-8 | Add the day to day expense. | 6 | High | Harshine |
| Sprint-2 | USN-9 | Display the user added expense | 6 | High | Janani |
| Sprint-3 | USN-10 | Filter the expense data based on criteria | 6 | Medium | Harine |
| Sprint-3 | Charts | USN-11 | As a user I can display it in graphs | 4 | Low | Arthik  Janani |
| Sprint-3 | Alerts | USN-12 | As a user I create custom alert for the balance | 10 | High | Harshine  Harine |
| Sprint-4 | Deployment | USN-13 | As a user I should able to access it anywhere in the net | 20 | High | Split between 4 |

**Project Tracker, Velocity (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 | 27 Oct 2022 | 2 Nov 2022 | 20 | 2 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 3 Novt 2022 | 8 Nov 2022 | 20 | 8 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 9 Nov 2022 | 14 Nov 2022 | 20 | 14 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 15 Nov 2022 | 20 Nov 2022 | 20 | 20 Nov 2022 |
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**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)



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| --- | --- | --- | --- |
| Sprint | Total story points | Duration | Average velocity |
| Sprint 1 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 2 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 3 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 4 | 20 | 6 Days | 20 / 6 = 3.33 |
| Total | 80 | 24 Days | 80 / 24 = 3.33 |

# Milestone & Activities

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| --- | --- |
| **Milestone** | **Activities** |
| Registration | * User account creation * User verification using mail |
| Login | * User Login * Maintain user logged status |
| Add Income | * Add user income and edit * Split the income |
| Add Expense | * Add user day to day expense |
| Display Expense | * Display the expense data |
| Filter Expense | * Create custom filter for filtering the past expense data |
| Show Charts | * Display charts |
| Show Alerts | * Display alert if the level reached |
| Deployment | * Deploy the app |