Project Planning Phase

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID16565 |
| Project Name | Project – Personal Expense Tracker |
| Maximum Marks | 8 Marks |

Project 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 Page | IM-1 | As a user I should be able to register  to the app | 2 | High | Balaji, hemanath |
| Sprint  -1 | Login Page | IM-2 | As a user I should  be able to login to the app | 2 | High | Balaji, hari haran |
| Sprint  -1 | Profile Page | IM-3 | As a user I should  be able to access my profile page | 2 | High | Hari haran, kiran |
| Sprint  -1 | Profile Page | IM-4 | As a user I should  be able to edit my details | 2 | Mediu m | Kiran, hemanath |
| Sprint  -1 | Profile Page | IM-5 | As a user I should be able to logout | 2 | High | Balaji , hari haran |
| Sprint  -2 | Home Page | IM-6 | As a user I should be able to add my  expenses | 3 | Mediu m | Balaji, kiran |
| Sprint  -2 | Home Page | IM-7 | As a user I should be able to see my  daily expenditure | 2 | High | Hemanath, kiran |
| Sprint  -2 | Home Page | IM-8 | As a user I should be able to edit or delete my  expenses | 2 | High | Hemanath, hari haran |
| Sprint  -2 | Income Page | IM-9 | As a user I should be able to add my income | 2 | Mediu m | Balaji, hemanath, kiran |
| Sprint  -2 | Income Page | IM-10 | As a user I should be able to edit my income | 2 | Mediu m | Hari haran, kiran |

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| Sprint  -3 | Expenses Page | IM-11 | As a user I should be able to set my  cycle size | 3 | High | Hemanath, hari haran ,kiran |
| Sprint  -3 | Expenses Page | IM-12 | As a user I should be able to set my threshold limit | 3 | High | Hari haran, hemenath, kiran |
| Sprint  -3 | Expenses Page | IM-13 | As a user I should be notified if for  over spent | 3 | High | Balaji,kiran |
| Sprint  -4 | Deployment | IM-14 | As a user I should be able to monitor different categories of  expense | 2 | Mediu m | Balaji, hari haran |
| Sprint  -4 | Deployment | IM-15 | As a user I should be able to use the app on the cloud  platform | 3 | High | Balaji, kiran |
| Sprint  -4 | Deployment+ Home Page | IM-16 | As a user I should be able to see the graphical representation of  my expenses | 3 | High | Hari haran, kiran |

# Project Tracker, Velocity & Burndown Chart: (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 | 10 | 6 Days | 24 Oct  2022 | 29 Oct  2022 | 10 | 27 Oct 2022 |
| Sprint-2 | 11 | 6 Days | 30 Oct  2022 | 4 Nov  2022 | 11 | 2 Nov 2022 |
| Sprint-3 | 9 | 6 Days | 6 Nov  2022 | 12 Nov  2022 | 9 | 10 Nov 2022 |
| Sprint-4 | 10 | 6 Days | 12 Nov  2022 | 18 Nov  2022 | 8 | 16 Nov 2022 |

**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)



# Average Velocity:

**Average Points per sprint =** (10+11+9+8)/4=9.5

**Story points per day/average velocity =** 9.5/6.5=1.461

# Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress over time.

The burndown chart can only be generated once a sprint or two is completed. It currently doesn’t generate a burndown chart. We all upload the same to the Jira Files directory as and when our burndown chart gets updated.