**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID25031 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. | 2 | High | David |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Vinothkumar |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Gayathri |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Dhanasekar |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Jenin |
| Sprint-3 | Dashboard | USN-6 | As a user I can see the expenditure details on the application | 3 | High | Vinothkumar |
| Sprint-3 | Limits | USN-6 | As a user I can set my monthly expense limit so that I receive a mail on exceeding that | 4 | High | David |
| Sprint-4 | Reports | USN-6 | As a user I can view the graphical form of my expenses category wise | 5 | Medium | Gayathri |

**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 | 50 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 70 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 100 | 19 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)



**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time.

[**https://www.visual-paradigm.com/scrum/scrum-burndown-chart**](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

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[**https://www.atlassian.com/agile/tutorials/burndown-chart**](https://www.atlassian.com/agile/tutorials/burndown-charts)

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**Reference:**

[**https://www.atlassian.com/agile/project-managemen**](https://www.atlassian.com/agile/project-management)

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[**https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-softwar**](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

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