Project Planning Phase

Project Planning Template

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID43320 |
| Project Name | Project – Personal Expense Tracker |
| Maximum Marks | 8 Marks |

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

Use the below template to create a product backlog and sprint schedule

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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 the email, password, age and  confirm the password. | 8 | High | Sandiya shri,  Pradeepa |
| Sprint-1 | Login | USN-2 | As a user, I can log into the application byentering  my email and password | 8 | High | Sowjanya,  Samukthaa |
| Sprint-2 | Adding Expenses to an application. | USN-3 | As a user, I can be entering the daily expense  into the application | 5 | Medium | Pradeepa,  Sowjanya |
| Sprint-3 | Edit and delete unwanted  expenses. | USN-4 | As a user, I can edit and  delete the previously created expense | 5 | Medium | Samukthaa,  Sandiya Shri |
| Sprint-4 | Producing output. Change the limit. | USN-5 | As a user, I can see an old expense and if I need to set a monthly limit, we can set it on the  application. | 5 | Medium | Pradeepa,  Samukthaa |

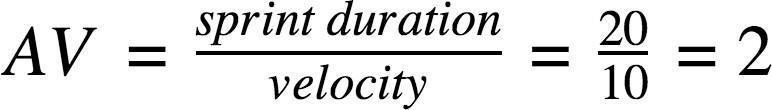
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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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 | 16 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 16 | 29 Oct 2022 |
| Sprint-2 | 5 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 5 | 05 Nov 2022 |
| Sprint-3 | 5 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 5 | 12 Nov 2022 |
| Sprint-4 | 5 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 5 | 19 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)



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 suchas [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.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management> <https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software> <https://www.atlassian.com/agile/tutorials/epics> <https://www.atlassian.com/agile/tutorials/sprints> <https://www.atlassian.com/agile/project-management/estimation> <https://www.atlassian.com/agile/tutorials/burndown-charts>