Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID53191
Project Name	Project - Personal Expense Tracker
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	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	Kanyalakshmi G, Arun N R, Dinesh B
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application	2	High	Dinesh B, Harsha TR
Sprint-1	Dashboard	USN-3	As a user, I can login to the system.	3	High	Harsha TR, Kanyalakshmi G
Sprint-2	User Action	USN-4	As a user, I can login and access my dashboard.	2	High	Dinesh B, Arun N R
Sprint-2	User Action	USN-5	As a user, I can add an expense to track.	2	Medium	Harsha TR, Kanyalakshmi G, Dinesh B
Sprint-2	Dashboard	USN-6	As a user, I can access my dashboard to view expense details and history of transactions.	3	High	Kanyalakshmi G, Arun N R, Dinesh B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Customization	USN-7	As a user, I should be able to set budget goals for a particular month.	5	High	Harsha TR, Arun N R
Sprint-3	Warning	USN-8	As a user, I should be alerted via email if I exceed my monthly budget.	5	High	Dinesh B, Arun N R
Sprint-3	Customization	USN-9	As a user, I should be able to view my expense details in various pictorial formats.	3	High	Harsha TR, Kanyalakshmi G, Arun N R
Sprint-4	Customization	USN-10	As a user, I should be provided with the flexibility to provide inputs in multiple file formats.	2	Medium	Kanyalakshmi G, Arun N R
Sprint-4	Cloud Deployment	USN-11	As a user, I should be able to access the application from anywhere around the world.	3	High	Dinesh B, Harsha TR
Sprint-4	Launch Application	USN-12	As a user, I can launch the application and add or manage the expenses and get notified for over spent.	3	High	Harsha TR, Kanyalakshmi G, Arun N R, Dinesh B

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	- (Meet Planned Date)
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022	7	- (Meet Planned Date)
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022	13	- (Meet Planned Date)

Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	- (Meet Planned Date)

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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Average Velocity:

Average points per sprint = (7 + 7 + 13 + 8)/4 = 8.75

Story points per day/Average Velocity = 8.75/6 = 1.46

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 will upload the same to the Jira Files directory as and when our burndown chart gets updated.