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

Date	27 October 2022
Team ID	PNT2022TMID38576
Project Name	Personal Expense Tracker
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	Gomathy R Ramya A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Fhameetha M Sreeja J
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Low	Ramya A Sreeja J
Sprint-1		USN-4	As a user, I can register for the application through Mobile number	2	Medium	Gomathy R Fhameetha M
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Sreeja J Fhameetha M
Sprint-2	Dashboard	USN-6	As an user ,I can enter income and expenditure details	3	High	Ramya A Gomathy R
Sprint-3	Expense details	USN-7	As an admin ,I should store the expense detailsof the user in daily ,weekly ,monthly ,and in a yearly basis.	2	High	Fhameetha M Ramya A
Sprint-3	Limits	USN-8	As a user I can set my monthly expenses limit so that ,I can receive mail after exceeding limit.	3	Medium	Gomathy R Sreeja J

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Administrative	USN-9	As an administrator, I can upgrade or update the application.	3	High	Sreeja J Fhmaeetha M
Sprint-4	Reports	USN-10	As a user I can view the graphical form expenses category wise	3	Medium	Ramya A Gomathy R

Project Tracker, Velocity: (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	15	6 Days	24 Oct 2022	29 Oct 2022	7	(Meeting Planned)
Sprint-2	20	6 Days	30 Oct 2022	05 Nov 2022	8	(Meeting Planned)
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	(Meeting Planned)
Sprint-4	20	6 Days	13 Nov 2022	19 Nov 2022	9	(Meeting Planned)

Velocity:

Imagine if 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 interaction unit (Story points per day)

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{20}{10} = 2$$

Average Velocity:

Average points per sprint =(7+8+9+10)/4 =8.5

Story points per day/Average Velocity = 8.5/6=1.41

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.