Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID49649
Project Name	Project – Personal Expense Tracker Application
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	Aarthi G
		USN-2	As a user, I will receive confirmation email once I have registered for theapplication	1	High	Nilavarasi A
	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Sneha R
	Dashboard	USN-4	Logging in takes to the dashboard for the logged user.	`2	High	Varsha R
Sprint 2	Workspace	USN-1	Workspace for personal expense tracking	2	High	Aarthi G
		USN-2	Enter everyday expense and split into categories	1	Medium	Sneha R
	Connecting to IBM DB2	USN-3	Linking database with dashboard	2	High	Nilavarasi A

Sprint-3		USN-1	Wrapping up the server side works of frontend	1	Medium	Varsha R
	SendGrid	USN-2	Using SendGrid to send mail to the user about their expenses	1	High	Aarthi G
		USN-3	Integrating both frontend and backend	2	High	Nilavarasi A
Sprint-4	Docker	USN-1	Creating image of website using docker	2	High	Sneha R
	Cloud Registry	USN-2	Uploading docker image to IBM Cloud registry	2	High	Aarthi G
	Kubernetes	USN-3	Create container using the docker image and hosting the site	2	High	Nilavarasi A
	Exposing	USN-4	Exposing IP/Ports for the site	2	High	Varsha R

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	18	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	19	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)

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

Av = 1.8