Project Planning Phase

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

Date	24 October 2022
Team ID	
Project Name	
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 byentering my email, password, and confirmingmy password.	2	High	R.Saravanan
Sprint-1		USN-2	As a user, I will receive confirmation emailonce I have registered for the application	1	High	S.Srinivasan
Sprint-1	Login	USN-3	As a user, I can log into the application byentering email & password	1	High	R.Nithish Kumar
Sprint-1	Dashboard	USN-4	As a user I can see the expenditure details on the application	2	High	A.Sanjai Kumar
Sprint-2	Workspace	USN-5	Workspace for personal expense tracking	2	Medium	R.Nithish Kumar
Sprint-2	Reports	USN-6	As a user I can view the graphical form of my expenses category wise	1	Medium	S.Srinivasan
Sprint-2	Connecting to IBM DB2	USN-7	Linking database with dashboard	2	High	R.Saravanan
Sprint-3		USN-8	Making dashboard interactive with JS	2	High	A.Sanjai Kumar
Sprint-3	Limits	USN-9	As a user I can set my monthly expense limit so that I receive a mail on exceeding that	1	Low	S.Srinivasan
Sprint-4	Docker	USN-10	Creating image of website using docker	2	High	A.Sanjai Kumar
Sprint-4	Cloud Registry	USN-11	Uploading docker image to IBM Cloud registry	2	High	R.Nithish Kumar
Sprint-4	Kubernetes	USN-12	Create container using the docker image and hosting the site	2	High	R.Saravanan

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

$$AV = \frac{\text{sprint duration}}{\text{Velocity}} = \frac{20}{6} = 3.33$$