Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID41646
Project Name	Smart Fashion Recommender 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	Velmani J, Mukesh M Muralidharan M, Anand K
Sprint 1	Login	USN-2	As a user, I can log into the application by entering email or User name & password which I had registered	1	High	Velmani J, Mukesh M Muralidharan M, Anand K
Sprint 2	Dashboard	USN-3	As a user, I can explore the web page to find the latest fashion and details about those products	2	High	Velmani J, Mukesh M Muralidharan M, Anand K
Sprint 3	Assistant	USN-4	As a user, I can use the personal assistant offered by the website to make my job easier	2	High	Velmani J, Mukesh M Muralidharan M, Anand K

Sprint 4	Uploading as image in Docker and Containerize app in IBM	USN-5	Making the app file as image in Docker and Using Kubernetes Containerize the app into IBM.	1	High	Velmani J, Mukesh M Muralidharan M, Anand K

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	1	29 Oct 2022
Sprint-2	20	10 Days	31 Oct 2022	10 Nov 2022	3	10 Nov 2022
Sprint-3	20	5 Days	11 Nov 2022	15 Nov 2022	2	15 Nov 2022
Sprint-4	20	5 Days	15 Nov 2022	19 Nov 2022	2	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)

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

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 methodologies such as Scrum. 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