Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID40482
Project Name	Inventory Management System
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	Balaji, Junaidh, Rokesh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Nithesh
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Medium	Balaji, Rokesh
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Balaji, Rokesh
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Balaji, Rokesh
Sprint-1	Dashboard	USN-6	As a user, I can access the dashboard by Loging in	3	High	Junaidh, Rokesh
Sprint-2	Inventory	USN-7	As a user, I can get into inventory and Enter my stocks	5	High	Balaji, Rokesh , Nithesh
Sprint-2	Alerts	USN-8	As a User, I can create and alter Email Alerts	2	High	Balaji, Rokesh

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	8	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	

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
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https://www.atlassian.com/agile/tutorials/burndown-charts