Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID22395
Project Name	Project - Real-Time Communication System Powered By AI For Specially Abled
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 using Short Message Service(SMS)	5	High	Abinaya R
Sprint-1		USN-2	As a user, I will receive OTP for the final confirmation	5	High	Abinaya R
Sprint-2		USN-3	As a user, I have to get confirmation regarding the final registration through SMS	6	High	Anusia M
Sprint-2		USN-4	As a user, I can register for the application through Gmail	4	High	Anusia M
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	7	High	Monika G
Sprint -3	Dashboard	USN-6	As a user, I have to get daily updates in my dashboard.	3	Medium	Monika G
Sprint-4	Login details	USN-7	As a user, I have to know about the daily progress and expected release date through SMS	5	High	Durga S
Sprint-4	Customer support team	USN-8	As a user , I need to clarify my queries by time to time.	5	High	Durga S

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	10	3 Days	19 Oct 2022	22 Oct 2022	10	23 Oct 2022
Sprint-2	10	3 Days	17 Oct 2022	20 Nov 2022	10	22 Oct 2022
Sprint-3	10	3 Days	20 Oct 2022	23 Nov 2022	10	21 Oct 2022
Sprint-4	10	3 Days	21 Oct 2022	24 Nov 2022	10	23 Oct 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)

$$AV = \frac{\text{Sprint duration}}{\text{Velocity}} = \frac{10}{5} = 2$$

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
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