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

Date	23 October 2022
Team ID	PNT2022TMID02285
Project Name	Project – News Tracker Application
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.	7	High	Srisai R Srivathsan S Vikram Krishna S Vimal S Dev
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Srisai R Srivathsan S Vikram Krishna S Vimal S Dev
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	Medium	Srisai R Srivathsan S Vikram Krishna S Vimal S Dev
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Srisai R Srivathsan S Vikram Krishna S Vimal S Dev
Sprint-2	Dashboard	USN-3	As a user, I must be able to see my details on the dashboard.	7	Medium	
Sprint-2		USN-6	As a user, I should be able to change my password whenever I prefer	7	Medium	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-7	User should be able to change the password through forgot password option	6	Medium	
Sprint-3	Searching	USN-8	User should be able to search the news based on their own interest	8	High	
Sprint-3		USN-8	Showing the trending news on search	4	Medium	
Sprint-3		USN-8	Showing the Category – wise news	5	Medium	
Sprint-3		USN-8	User can save the news needed and study later	3	Low	
Sprint-4	Real time News	USN-9	Auto update news because it fetch news from API	7	High	
Sprint-4	Location based	USN-10	User can view the news based on their location	7	High	
Sprint-4		USN-10	User can also change their location	6	Low	

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