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

Date	15 NOVEMBER 2022
Team ID	PNT2022TMID34642
Project Name	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.	2	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-1		USN-3	As a user, I can register for the application through mail	2	Low	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jeniba J Jeba Sherin

						Nishvitha J V Melisha Judi S
Sprint-1	Login	USN-5	As a user, I can login to the application by entering email & password	1	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-2	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	2	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-2	Layout	USN-7	As a user I should be able to access the portal with different devices with the same comfort	2	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-3	Data Store and retrieval	USN-8	Get Data from API and store as JSON in DB2	3	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-3		USN-9	Get bin data from API and store in DFS	2	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-4	User Segregation and data access	USN-10	As a CC executive I should be able to uniquely identify the customer and offer help	1	Low	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S

Sprint	Functional Requirement(Epic)	User Story Number	User Story/Task	StoryPoints	Priority	TeamMembers
Sprint-4	Change code	USN-11	An administrator should be able to modify code according to the future requirements.	2	Medium	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S
Sprint-4	Monitor the system	USN-12	As an administrator I should be able to monitor the cloud system and fix errors before customers.	1	High	Jeniba J Jeba Sherin Nishvitha J V Melisha Judi S

Project Tracker ,Velocity & Burn down 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	10 Days	3 Nov 2022	13 Nov 2022	8	16 Nov 2022
Sprint-2	20	10 Days	3 Nov 2022	13 Nov 2022	4	16 Nov 2022
Sprint-3	20	10 Days	6 Nov 2022	16 Nov 2022	5	16 Nov 2022
Sprint-4	20	10 Days	7 Nov 2022	16 Nov 2022	4	16 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 burndown 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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