

## Project Planning Phase

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

Date	05 November 2022
Team ID	PNT2022TMID37226
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	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points		Team Members
Sprint-1	Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Nivetha Madhumitha Pugarasan Akashkumar
Sprint-1			USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Nivetha Madhumitha
Sprint-2			USN-3	As a user, I can register for the application through Facebook	2	Low	AkashKumar
Sprint-1			USN-4	As a user, I can register for the application through Gmail	2	Medium	Nivetha
Sprint-1		Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Nivetha Pugalarasan

Sprint-3		Dashboard	USN-6	As a user, I will able to see the login and profile details	2	Medium	Nivetha Madhumitha Pugarasan Akashkumar
Sprint-1	Customer (Web user)	Registration	USN-7	As a user, I can register for the application by entering my name, phone number, email, password, and confirming my password	2	High	Madhumitha
<b>Sprint</b>	<b>User Type</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>		<b>Team Members</b>
Sprint-4	Customer Care Executive	Chat box	USN-8	As a customer care executive, I can ask about the inconvenience and the usability about the app	2	Medium	Nivetha Pugalarasan
Sprint-2	Administrator	Login	USN-9	As a administrator, I can help to login and register the user through gmail.	1	High	AkashKumar Pugalarasan
Sprint-1	NEWS Tracker	IBM cloud	USN-10	As a tracker, I collect all the NEWS from the cloud	2	Medium	Nivetha Madhumitha AkashKumar
Sprint-3	Database Manager	IBM DB2	USN-11	As a database manager, I can collect all the user details and NEWS application details	2	Medium	Madhumitha Nivetha

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	11	6 Days	25 Oct 2022	29 Oct 2022	11	29 Oct 2022

Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
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**Project Tracker, Velocity & Burn down Chart: (4 Marks)**

Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	2	6 Days	14 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)

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