

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	21 October 2022
Team ID	PNT2022TMID32793
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.	20	High	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
		USN-2	As a user, I can register the application using phone number.		High	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Login	USN-3	As a user, I can login into the application through email and password	20	Low	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
		USN-4	As a user, I can login into the application through phone number and receiving confirmation message.		Medium	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
		USN-5	As a user, I can login into the application by entering email via confirm password& phone number via confirm message.		High	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
	Dashboard	USN-6	As a user, I can search NEWS and quick snap is displayed in dashboard.		High	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Alert message via notification	USN-7	As a user, I can receive Frequently searched message via email or SMS through pop notification.	20	Medium	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
	Favorites	USN-8	As a user, I can save the message for later use in favorites.		Medium	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
Sprint-4	Login information	USN-1	As a user, I can visit help us to know about the login information	20	low	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj
	Updates	USN-1	As a user, I can get updated NEWS every day and save time by receiving quick snap.		High	S.Sarulatha S.Rakshana P.S. Shruthi S.Nithin Raj

## Project Tracker, Velocity & Burn down Chart: (4 Marks)

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	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 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)

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

Average Velocity=20/6

AV=3.333

## Burn down 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.