

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID06749
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.	10	High	Siva Subramanian S Sasidharan K Shahul Hameed M K Sugumar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Sasidharan K Sugumar
Sprint-1		USN-3	As a user, I can register for the application through Gmail	5	Medium	Siva Subramanian S Shahul Hameed M K
Sprint-2	Dashboard	USN-4	User interface design and implementation of cards	5	High	Siva Subramanian S Sasidharan K Shahul Hameed M K Sugumar
Sprint-2	Home page	USN -5	Interface for news card in brief with headline, related image and news contributor info	10	High	Siva Subramanian S Sasidharan K Shahul Hameed M K Sugumar
Sprint-2		USN-6	Search related news	5	Medium	Siva Subramanian S Shahul Hameed M K Sugumar
Sprint-3	News card description	USN-7	Constitutes location, headline, time ago, news contributor info	10	Medium	Siva Subramanian S Sasidharan K Shahul Hameed M K Sugumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	News card comments, share and Related cards	10	Low	Sasidharan K Shahul Hameed M K Sugumar
Sprint-4	News card description	USN-9	News Contributor Profile and follow option	10	High	Siva Subramanian S Sasidharan K
Sprint-4	Chat bot	USN-10	Watson chat bot implementation	10	Medium	Sasidharan K Sugumar

#### 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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

#### Velocity:

We have a 24-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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{24} = 0.83$$

## 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.

