

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

Date	18 October 2022
Team ID	PNT2022TMID19214
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	Creating Login page Creating Registration page	10	High	Ariharan, ArunKumar, Arun, Aseela
Sprint-1	Database Connectivity	USN-2	To Store details of the customer Connecting UI with Database	10	Medium	Ariharan, ArunKumar, Arun, Aseela

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Sprint-2	News Tracker UI	USN-3	Building UI News Tracker Application	10	High	Ariharan,ArunKumar,Arun,Aseela
Sprint-2	API	USN-4	Connecting UI with News API, Google News API	10	High	Ariharan, ArunKumar, Arun, Aseela
Sprint-3	Send Grid Integration	USN-5	SendGrid Integration With Python Code	10	Low	Ariharan,ArunKumar,Arun,Aseela
Sprint-3	News Reader (Voice)	USN-6	Building Voice Assistant to read the news	10	Medium	Ariharan, ArunKumar , Arun ,Aseela
Sprint-4	Containerization	USN-7	Containerizing the app	10	High	Ariharan, ArunKumar , Arun ,Aseela
Sprint - 4	Upload image and deployment	USN-8	Upload Docker image to the IBM Registry and deploy it in the Kubernetes Cluster	10	High	Ariharan, ArunKumar, Arun, Aseela

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)	Sprint Release Date(Actual)
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					Date)	
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:

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)

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