

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

Date	21 October 2022
Team ID	PNT2022TMID31792
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	C r e a t i n g L o g i n p a g e C r e a t i n g R e g i s t r a t	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M

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Sprint 1	Databas e Connecti vity	USN- 2	To Stor e deta ils of the cust omer Con necting UI with Dat aba se	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M
Sprint -2	News Tracker UI	USN- 3	Building UI News Tracker Application	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M
Sprint -2	API	USN- 4	Conn ecting UI with News API, Goo gle News API	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M
Sprint -3	S endG rid	USN- 5	SendGrid Integration With Python Code	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M

	Integration					
Sprint-3	News Reader (Voice)	USN-6	Building Voice Assistant to read the news	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M
Sprint-4	Containerization	USN-7	Containerizing the app	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M
Sprint-4	Upload image and deployment	USN-8	Upload Docker image to the IBM Registry and deploy it in the Kubernetes Cluster	10	High	Yasodharan R , Arun R , Arivazhagan V, NandhaKumar M

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:

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)

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