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

Date	18 October 2022
Team ID	PNT2022TMID45363
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	Panneer selvam, pushparaj
Sprint-1	Database Connectivity	USN-2	To Store details of the customer Connecting UI with Database	10	Medium	Panneer selvam, Sivaganesh, yuvan shankar
Sprint-2	News Tracker UI	USN-3	Building UI News Tracker Application	10	High	Sivaganesh ,pushparaj, Panneer Selvam
Sprint-2	API	USN-4	Connecting UI with News API,	10	High	Panneer selvam, Sivaganesh,pushparaj

			Google News API			
Sprint-3	SendGrid Integration	USN-5	SendGrid Integration With Python Code	10	Low	Sivaganesh ,pushparaj, yuvan shankar
Sprint-3	News Reader (Voice)	USN-6	Building Voice Assistant to read the news	10	Medium	Panneer selvam, Sivaganesh, yuvan shankar
Sprint-4	Containerization	USN-7	Containerizing the app	10	High	Panneer selvam, Sivaganesh, pushparaj,yuvan shankar
Sprint -4	Upload image and deployment	USN-8	Upload Docker image to the IBM Registry and deploy it in the Kubernetes Cluster	10	High	Panneer selvam, Sivaganesh, yuvan shankar

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)

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