Project Planning Phase
Project PlanningTemplate (ProductBacklog,SprintPlanning,Stories,Storypoints)

Domain	Cloud Application Development
Team ID	PNT2022TMID33312
Project Name	News tracker application
Maximum Marks	8Marks

Product Backlog, Sprint Schedule, and Estimation (4Marks)

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	Dharani D Furshana Fathima
Sprint-2	Login	USN-2	As a user, I can log into the application by entering email &	10	Medium	Deepika P Divya S
Sprint-3	Reset my password	USN-3	As a logged in user, If I forget my password I can reset my password.	20	Medium	Deepika P Dharani D
Sprint-4	Comment	USN-4	As a logged user, I can post a comment about an application	20	Medium	Divya S Furshana Fathima

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date(Planned)	Story Points Completed (as on PlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	20	7Days	24Oct 2022	29Oct 2022	20	29Oct 2022
Sprint-2	20	6 Days	31Oct 2022	05Nov 2022	20	05Nov 2022
Sprint-3	20	6 Days	07Nov 2022	12Nov 2022	20	12Nov 2022
Sprint-4	20	6Days	14Nov 2022	19Nov 2022	20	19Nov 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)

Sprint 1 average velocity:

Average velocity = 20 / 7= 2.6

Sprint2average velocity:

Average velocity = 20 / 6 = 3.2

Sprint3average velocity:

Average velocity = 20 / 6 = 3.2

Sprint4average velocity:

Average velocity = 20/6 = 3.2

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 overtime.