Project Development Phase

Delivery of Sprint - 2

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

Team ID   **: PNT2022TMID02790**

Team leader   **: Nishthan**

Team member   **: Krishna Prasadh**

Team member   **: Sajramkisho**

Team member   **: Aravindh**

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirements (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

Sprint-2	User Details	USN-4	As a user,I can fill the details	2	High	**Pooja P**
						Thilagavathi N
						Sivatharani N
						Maharaja T

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-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
		$AV = \dfrac{sprint\ duration}{velocity} = \dfrac{20}{10} = 2$				

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)

Average Velocity = Story

Points per Day

Sprint Duration = Number

of

(Duration) days per

Sprint

Velocity = Points per Sprint

$$AV = \frac{20}{6} \approx 4$$

Therefore, the **AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

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.

Sprint number	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Sprint-2	20	2	10	4	1	1	2

remaining effort	80	70	42	25	13	8	0
ideal effort		8065			4021		0

BurntDown Chart

remaining effort   ideal effort