Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID10706
Team Leader	Sujitha P (4211191021098)
Team Member	Swedha M (4211191021101), Swetha P (4211191021102), Yamini P (4211191021118).
Project Name	Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies.

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	Dataset Preprocessing	USN-1	Preprocessing a Dataset (contains images for front, rear and side views of car)	20	High	Sujitha(Team Leader)
Sprint-2	Views Prediction	USN-2	VGG16 Model to train and test dataset of carviews.	20	High	Swedha.M (M2)

Sprint-3	Damage Level Prediction	USN-3	Damage level Image dataset of which severe,mild,high damage.	20	Low	Swetha P(M3)
Sprint-4	Amount Calculation	USN-4	Calculating insurance cost for damaged vehicle	20	Medium	Yamini P(M4)
Sprint-5	Login	USN-5	As a user, I can log into the application by entering name and email	20	High	Sujitha P(Team Leader),Swedha M,Swetha P,Yamini P

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	2 Days	2 Nov 2022	02 Nov 2022		4 Nov 2022
Sprint-2	20	2 Days	4 Nov 2022	05 Nov 2022		6 Nov 2022
Sprint-3	20	2 Days	6 Nov 2022	12 Nov 2022		8 Nov 2022
Sprint-4	20	4 Days	8 Nov 2022	19 Nov 2022		13 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)

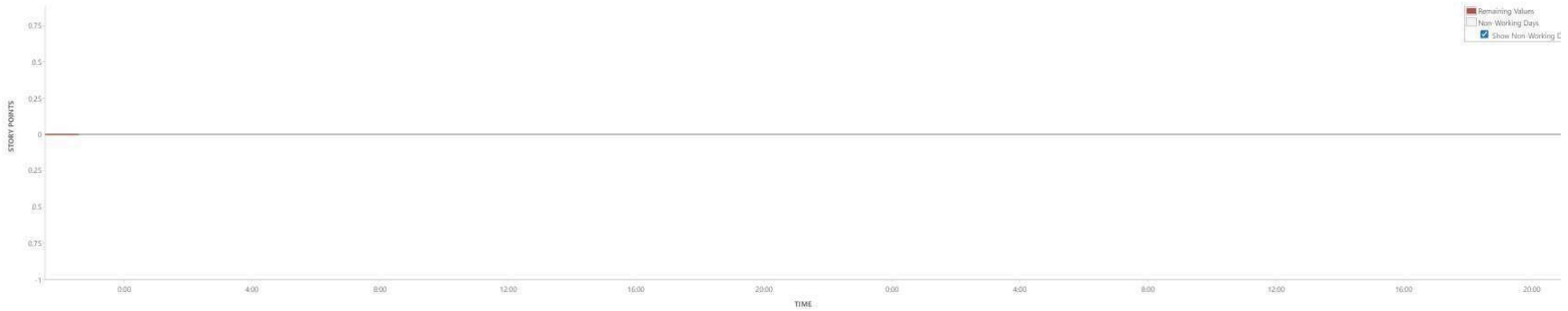
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.

Projects / Project / IBMPROJECT board / Reports

Burndown Chart



				Story Points		
Date	Issue	Event Type	Event Detail	Inc.	Dec.	Remai
02/Nov/22 9:33 PM		Sprint start				
02/Nov/22 10:21 PM	IBMPROJECT-1	Scope change	Issue added to sprint	0		
	IBMPROJECT-2	Scope change	Issue added to sprint	0		
	IBMPROJECT-3	Scope change	Issue added to sprint	0		
	IBMPROJECT-4	Scope change	Issue added to sprint	0		
02/Nov/22 10:24 PM	IBMPROJECT-2	Burndown	Issue completed	0		
	IBMPROJECT-2	Burndown	Issue reopened	0		
02/Nov/22 10:29 PM	IBMPROJECT-1	Burndown	Issue completed	0		
	IBMPROJECT-1	Burndown	Issue reopened	0		
02/Nov/22 10:33 PM	IBMPROJECT-5	Scope change	Issue added to sprint	0		
02/Nov/22 10:34 PM	IBMPROJECT-5	Scope change	Issue removed from sprint	0		
	IBMPROJECT-1	Burndown	Issue completed	0		
	IBMPROJECT-2	Burndown	Issue completed	0		
	IBMPROJECT-3	Burndown	Issue completed	0		
	IBMPROJECT-4	Burndown	Issue completed	0		
	IBMPROJECT-4	Burndown	Issue reopened	0		
	IBMPROJECT-3	Burndown	Issue reopened	0		
	IBMPROJECT-2	Burndown	Issue reopened	0		
	IBMPROJECT-1	Burndown	Issue reopened	0		