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

Date 02 Novemberr 2022
Team ID PNT2022TMID19261
Project Name Project - Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
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 As a user, I can register for the application by entering my email, and password, and confirming my password.	2	High	team member 2, team member 4
Sprint-1	Login	USN-2 As a user, I will receive a confirmation email once I have registered for the application	1	High	team member 3 and team member 4
Sprint-1	Dashboard	USN-3 As a user, I can register for the application through Facebook	1	High	team member 1 and team

Sprint	Functional Requirement (Epic)	User Story Number / User Story / Task	Story Points	Priority	Team Members
3					member 3
Sprint-2	Details about insurance company	USN-4 As a user, I can register for the application through Gmail		low	team member 3
Sprint-1	repeated logins and logout	USN-5 As a user, I can log into the application by entering email & password		medium	team member 1 and team member 2
Sprint-2	Webpage	USN-6 As a user I must capture images of my vehicle and upload it into the web portal.		high	team member 4
Sprint-3	Details about estimated cost based on damage	USN-7 As a user I must receive a detailed report of the damages present in the vehicle and the cost estimated		high	team member 1, team member 2, team member

Sprint	Functional Requirement (Epic)	User Story Number / User Story / Task	Story Points	Priority	Team Members
					3 and team member 4
Sprint-4	Provide friendly and efficient customer support and sort out the queries.	USN-8 As a user, I need to get support from developers in case of queries and failure of service provided		high	team member 1 and team member 3

Sprint				
Sprint-4	overview the entire process and act as a bridge between user and developer	USN-9 We need to satisfy the customer needs in an efficient way and make sure any sort of errors are fixed		high	team member 2 and team member 4

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		
Sprint-3	20	6 Days 07 Nov 2022 12 Nov 2022		
Sprint-4	20	6 Days 14 Nov 2022 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)

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
https://www.atlassian.com/agile/tutorials/sprints
https://www.atlassian.com/agile/project-management/estimation
https://www.atlassian.com/agile/tutorials/burndown-charts