

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

Date	11 NOVEMBER 2022
Team ID	PNT2022TMID34552
Project Name	Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule and Estimation**

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	AKASH AJITH DEON JEEVA
Sprint-1	Login	USN-2	As a user, I will receive a confirmation Email once I have registered for the application	1	High	AKASH AJITH DEON JEEVA
Sprint-1	Dashboard	USN-3	As a user, I can register for the application through Face book	2	High	AKASH AJITH DEON JEEVA
Sprint-2	Details about insurance company	USN-4	As a user, I can register for the application through Gmail	2	Low	AKASH AJITH DEON JEEVA

Sprint-1	repeated logins and logout	USN-5	As a user, I can log into the application by entering email & password	1	Medium	AKASH AJITH DEON JEEVA
Sprint-2	Webpage	USN-6	As a user I must capture images of my vehicle and upload it into the web portal.	2	High	AKASH AJITH DEON JEEVA
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	2	High	AKASH AJITH DEON JEEVA

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	2	High	AKASH AJITH DEON JEEVA
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 is fixed	2	High	AKASH AJITH DEON JEEVA

### Project Tracker, Velocity & Burn down Chart:

#### Project Tracker :

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:

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)

$$\begin{aligned}
 AV &= \text{Sprint duration} / \text{Velocity} \\
 &= 20 / 6 \\
 &= 3
 \end{aligned}$$

### 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 over time.

