

## Project Planning Phase

Team ID	PNT2022TMID46848
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies
Maximum Marks	8 Marks

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

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

Use the below template to create product backlog and sprint schedule

<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 an owner of a particular vehicle, I can log into the application by entering email & password.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
Sprint-1	User Confirmation	USN-2	As an owner of a particular vehicle, I will receive confirmation email once I have registered for the application.	1	Medium	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
Sprint-1	Login	USN-3	As an owner of a particular vehicle, I can log into the application by entering email & password.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T

Sprint-2	Data Collection	USN-1	Download the dataset used in intelligent vehicle damage assessment & cost estimator for insurance companies.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
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Sprint-2	Image Pre Processing	USN-1	Improve the image data that suppresses unwilling distortions or enhances some image features important for further processing, although performing some geometric transformations of images like rotation,scaling, etc.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
Sprint-3	Model Building	USN-1	Define the model architecture and adding CNN layer and testing ,saving the model.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
Sprint-3	Cloud DB	USN-1	Below are steps that need to follow for creating and using cloudant service. <ul style="list-style-type: none"> <li>• Register &amp; login to IBM cloud</li> <li>• Create service instance</li> <li>• Creating service credentials</li> <li>• Launch cloudant DB</li> <li>• Create database</li> </ul>	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T

Sprint-4	Application Building	USN-1	Building a web application that is integrated into the model we built. A UI is provided to the user where he has uploaded the image. Based on the saved model, the uploaded image will be analyzed and prediction is showcased on the UI.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T
Sprint-4	Train The Model On IBM	USN-1	Build Deep learning model and computer vision Using the IBM cloud.	2	High	AISHA H KAVIYA S KAMALI A NIVETHA S RAMYA T

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	4 Days	5 nov 2022	09 nov 2022	20	10 nov 2022
Sprint-2	20	4 Days	6 nov 2022	10 Nov 2022	20	11 Nov 2022
Sprint-3	20	5 Days	7 Nov 2022	11 Nov 2022	20	12 Nov 2022
Sprint-4	20	9 Days	11 Nov 2022	18 Nov 2022	20	19 Nov 2022