

## Project Planning Phase

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

Date	29 October 2022
Team ID	PNT2022TMID49491
Project Name	Intelligent vehicle damage assessment & 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 an owner of a particular vehicle, I can log into the application by entering email & password.	2	High	Swetha B Swetha M Divyasri P Akila K
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	Swetha B Swetha M Divyasri P Akila K
Sprint-1	Login	USN-3	As an owner of a particular vehicle, I can log into the application by entering email & password.	2	High	Swetha B Swetha M Divyasri P Akila K
Sprint-2	Data Collection	USN-1	Download the dataset used in intelligent vehicle damage assessment & cost estimator for insurance companies.	2	High	Swetha B Swetha M Divyasri P Akila K

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	Swetha B Swetha M Divyasri P Akila K
Sprint-3	Model Building	USN-1	Define the model architecture and adding CNN layer and testing ,saving the model.	2	High	Swetha B Swetha M Divyasri P Akila K
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	Swetha B Swetha M Divyasri P Akila K
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	Swetha B Swetha M Divyasri P Akila K
Sprint-4	Train The Model On IBM	USN-1	Build Deep learning model and computer vision Using the IBM cloud.	2	High	Swetha B Swetha M Divyasri P Akila K

**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	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022