

Project Planning Phase

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

Date	11 November 2022
Team ID	PNT2022TMID16221
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	we can log into the application by entering email and password.	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-1	User Confirmation	USN-2	We will receive a confirmation email once I have registered for the application.	1	Medium	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-1	Login	USN-3	we can log into the application by entering email & password.	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-2	Data Collection	USN-1	Download the dataset used in intelligent vehicle damage assessment & cost estimator for insurance companies and by searching in google or kaggle	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)

Sprint-2	Image Pre Processing	USN-1	Improve the image data that suppresses unwilling distortions or enhances some image features although performing some operation on geometrical approach of images with rotation, scaling, etc.	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-3	Model Building	USN-1	Define the model architecture and add convolutional neural network layers ,testing and saving the model.	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-3	Cloud DB	USN-1	For using this application we use ibm cloud so we will follow this steps to arrive the solution 1.Register & login to IBM cloud 2.Create service instance 3.Creating service credentials 4.Launch cloud ant DB 5.Create database	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-4	Application Building	USN-1	we will be creating a user interface model such that image will be uploaded with that backend operation will be performed	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)
Sprint-4	Train The Model On IBM	USN-1	Build Deep learning model and computer vision Using the IBM cloud.	2	High	P.Vanraj(team lead) S.Sharavanan(team member1) U.Vishwaa(team member2) A.Sharuk(team member3)

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	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