Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID14677
Project Name	Project - Car Resale Value Prediction
Maximum Marks	8 Marks

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

User	Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Admin	Sprint 1	Dataset collection	USN-1	Collect the required data for the Car resale prediction	4	High	Ameenul, Sanjay, Charan, Pragadeesh
	Sprint 1	Data pre-processing	USN-2	Perform data cleaning to optimize the dataset	6	Medium	Sanjay, Ameenul
	Sprint 2	Training & Building Model	USN-3	Build the model using regression algorithms to classify the data	6	High	Ameenul, Sanjay, Charan, Pragadeesh
	Sprint 2	Deploy the model	USN-4	Deployment of ML model using IBM Cloud	4	High	Charan, Pragadeesh
	Sprint 3	Integration	USN-5	Integrate the web app developed using flask with IBM model	5	High	Sanjay, Ameenul
Customer	Sprint 3	Homepage	USN-6	Details about the application and the car resale process	5	Low	Charan, Pragadeesh

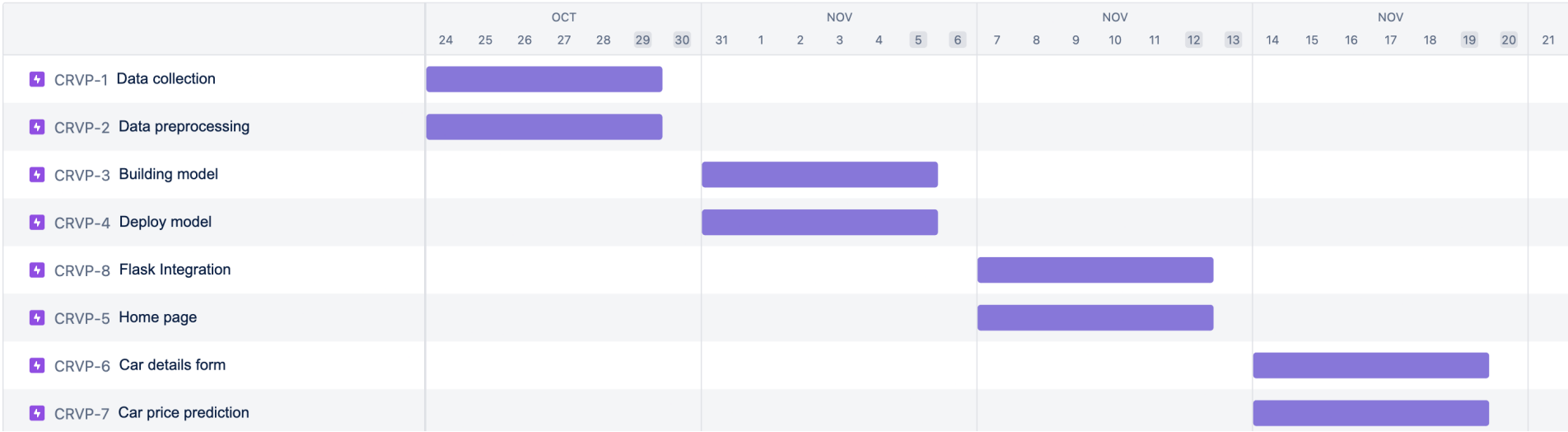
User	Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Sprint 4	Car Details	USN-7	As a user, I should give the car details like car model, engine and fuel type, etc…	5	Medium	Ameenul, Sanjay
	Sprint 4	Car Price	USN-8	As a user, I can view the current rate of the used car price	5	High	Ameenul, Sanjay

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	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity} = \frac{10}{6} = 1.67$$


OCT
NOV
NOV
NOV
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
CRVP-1 Data collection
CRVP-2 Data preprocessing
CRVP-3 Building model
CRVP-4 Deploy model
CRVP-8 Flask Integration
CRVP-5 Home page
CRVP-6 Car details form
CRVP-7 Car price prediction