Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID38414
Project Name	Intelligent Vehicle Damage Assessment andCost Estimator for Insurance Companies
Marks	8 Marks

Product Backlog, Sprint Schedule& Estimation (4 Marks)

Sprint	Milestone	User Story Number	Description	Duration	Priority	Team Members
Sprint 1	Project Objectives	USN-1	Project Objectives are what you plan tom achieve.	1Week	Low	Logesh E
Sprint 1	Data Collection	USN-2	It is the process of gathering and measuring variables in an establish system which than enables one to answer relevant questions and evaluate the outcomes.	2 weeks	Medium	Logesh E
Sprint 1	Image Preprocessing	USN-3	It is a system to perform some operations on an image, in order to get an enhanced image to tries	1 Week	High	Logesh E Deepak P
Sprint 2	Model Building	USN-4	Is the process of developing a probabilistic model that best describes the relation between the depended and independent variables.	2 Week	High	Logesh E Deepak P
Sprint 2	Import & Load the Model	USN-5	With both the training data defined and model defined, its time to configure the learning process.	1 Week	Low	Logesh E Nagaraj V
Sprint 2	Train & Test the Model	USN-6	As a user, let us train our model with image dataset.		Low	Kishore Kumar B
Sprint 2	Save the Model	USN-7	As a user, the model is saved and integrated with an android application or web application in order to predict something.		Low	Logesh E Nagaraj V
Sprint 3	Cloudant Databasse	USN-8	Higher levels of compliance,security and administrator are made possible by IBM Cloud's solutions,which also featuretried-and-true architecture patterns and procedures for quick delivery of mission-critical workloads.	1 Week	Medium	Logesh E Deepak P

Sprint 3	Application Building	USN-9	The process of writing a computer programme is called application.Create our flask application in this phase,which will have an interface and operate in our local browser.	2 Week	High	Logesh E Deepak P
Sprint 4	Train The Model on IBM	USN-10	A Deep learning network architecture that doesn't require human feature extraction because it learns straight from the data.	1 Week	Medium	Logesh E Kishore Kumar B
Sprint 4	Cloud Deployment	USN-11	As a user I an access the web application and make the use of the product from anywhere.	1 Week	High	Logesh E Deepak P

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	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:

Imagine we have a 10-day sprint duration. 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)

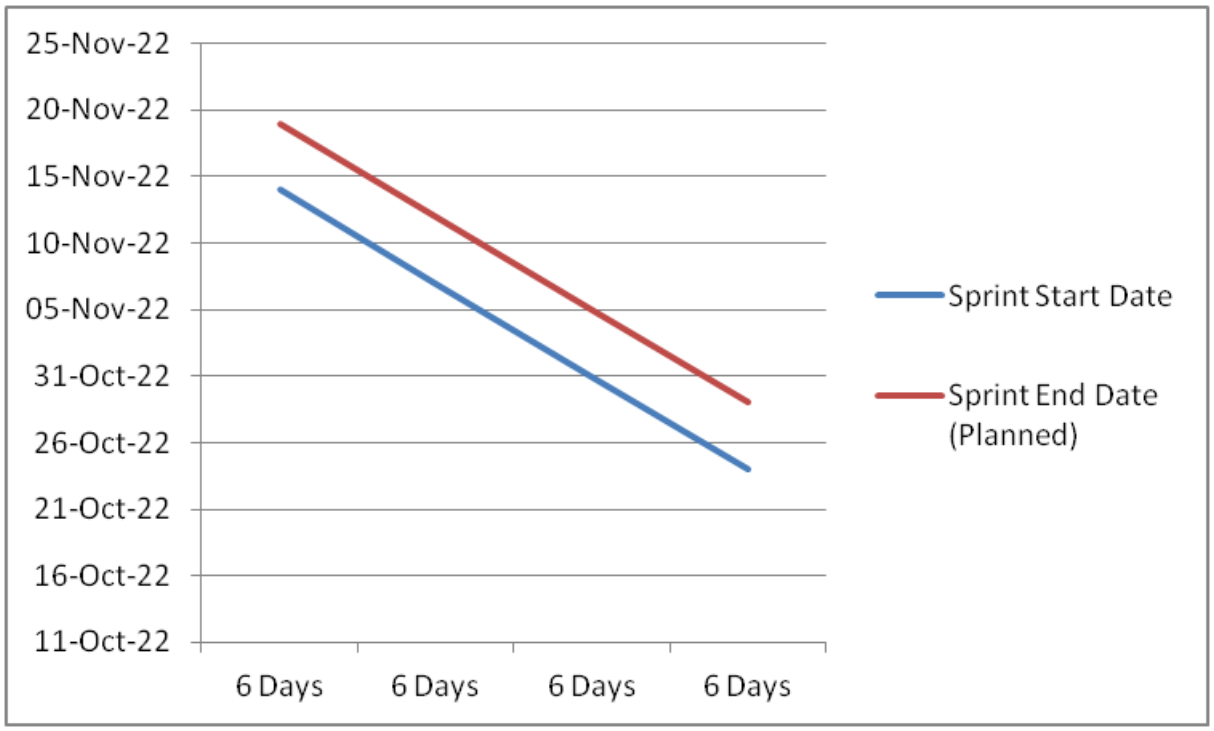
$$AV = \frac{\text{Sprint duration}}{\text{Velocity}}$$

$$= \frac{20}{6}$$

$$= 3.33$$

Burndown 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.


25-Nov-22
20-Nov-22
15-Nov-22
10-Nov-22
05-Nov-22
31-Oct-22
26-Oct-22
21-Oct-22
16-Oct-22
11-Oct-22
6 Days
6 Days
6 Days
6 Days
Sprint Start Date
Sprint End Date (Planned)