Project Planning Phase
Project Planning

Date	22 October 2022
Team ID	PNT2022TMID01018
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collect and load the dataset of car damage for training the ML model	2	High	Bushra & Aashika
Sprint-1	Image Pre-Processing	USN-2	Process the image data into form that ML algorithm will solve. It increases accuracy and reduce complexity of ML model	2	High	Janani & Aashika
Sprint-2	Model Building	USN-3	We train, save and test the ML model over a set of data so the images uploaded by the user can be analysed accurately	2	High	Janani & Kavipriya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Cloudant DB	USN-4	To perform training and testing of ML model Register & Login to IBM cloud Create service credentials Launch cloudant DB Create Database	2	High	Kavipriya & Bushra
Sprint-4	Registration	USN-5	As a user, I can register for the application by entering my email ID, password, and confirming my password.	2	High	Bushra & Janani
Sprint-4	Confirmation	USN-6	As a user, I will receive confirmation email once I have registered for the application	1	High	Janani & Kavipriya
Sprint-4	Login	USN-7	As a user, I can log into application by entering email ID & password	2	Low	Kavipriya & Aashika
Sprint-4	Dashboard	USN-8	As a user, I can view my profile with the details entered during registration on the dashboard	1	Medium	Aashika & Bushra

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	30 Oct 2022	04 Nov 2022	20	04 Nov 2022
Sprint-3	20	6 Days	05 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	11 Nov 2022	16 Nov 2022	20	16 Nov 2022

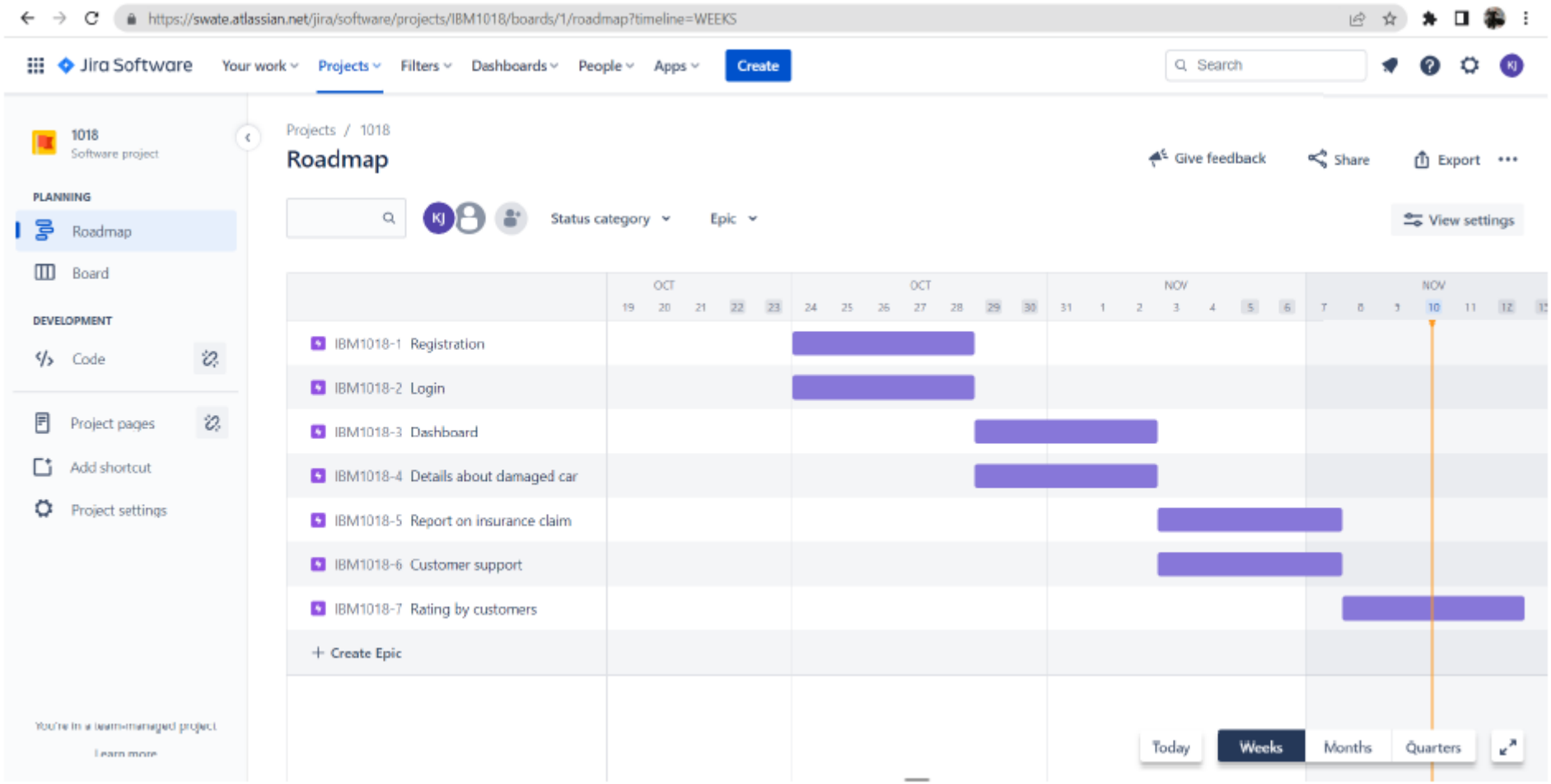
Velocity:

Imagine we have a 10-day sprint duration, and 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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.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Projects
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Code
Project pages
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Learn more
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Roadmap
Give feedback
Share
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Status category
Epic
View settings
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IBM1018-2 Login
IBM1018-3 Dashboard
IBM1018-4 Details about damaged car
IBM1018-5 Report on insurance claim
IBM1018-6 Customer support
IBM1018-7 Rating by customers
Create Epic
Today
Weeks
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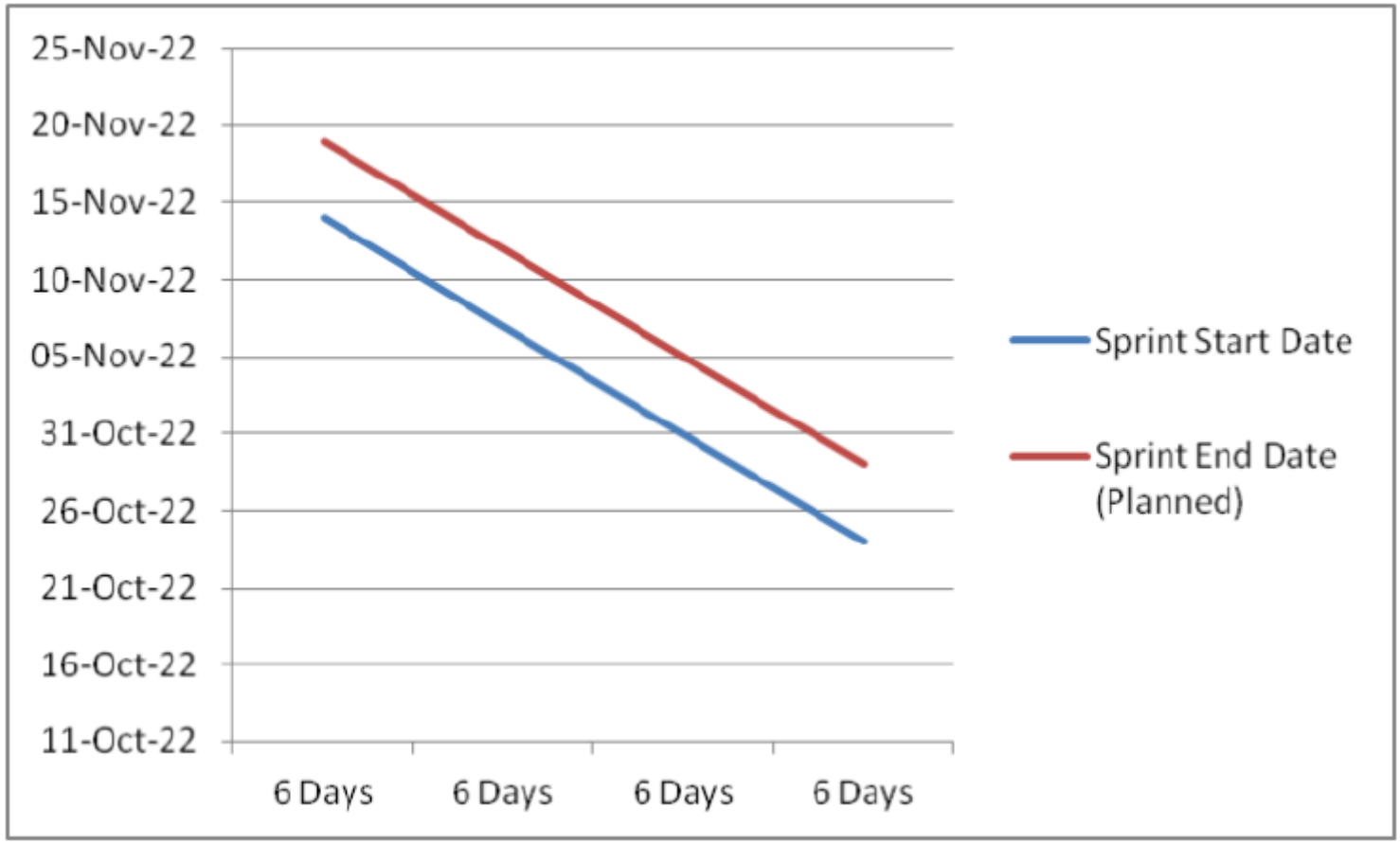
25-Nov-22
20-Nov-22
15-Nov-22
10-Nov-22
05-Nov-22
31-Oct-22
26-Oct-22
21-Oct-22
16-Oct-22
11-Oct-22
6 Days
6 Days
6 Days
6 Days
Sprint Start Date
Sprint End Date (Planned)