Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID35960
Project Name	Project - Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies
Maximum Marks	8 Marks

JIRA PROJECT DETAILS:

Key name:IVD (Site: https://ibmvehiclebalu.atlassian.net/browse/IVD)

Type:Scrum (Team Managed)

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	Model Creation and Training(Damage Area)	IVD-1,2,7,3,5, 9,6	Create a Model which can find the damaged portion of the vehicle and test the model and deploy it in IBM cloud.	18	High	Balasubramanian KN ,Rajapriya R, Sivani S, Logeshwaran K
Sprint-2	Model Creation and Training(Level of Damage)	IVD-4,8,10,11	Create a model which can classify into different levels of damages from the given images	8	High	Balasubramanian KN ,Rajapriya R, Sivani S,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Logeshwaran K
	Base Flask App	IVD-12	A base flask app must be created as an interface for the ML Model	3	Medium	TBD
	Upload Page	IVD-13	As a user,I will be redirected to a page where I can upload the pictures of damaged vehicles.	3	Medium	TBD
	Prediction Result	IVD-14	As a user, I will be able to see the prediction results of the uploaded images	4	High	Balasubramanian KN ,Rajapriya R, Sivani S, Logeshwaran K
Sprint -3	Base Flask App	IVD-15	A base flask app must be created as an interface for the ML Model	2	Low	TBD
	Integration	IVD-16,17	Integrate Flask,VGG-16 with Cloudant-DB	7	High	Balasubramanian KN ,Rajapriya R, Sivani S, Logeshwaran K
	Corrections	IVD-18	Checking for any bugs/errors and rectifying it	1	Low	TBD
	Login	IVD-19	As a user, I can log into the application by entering email & password	2	Low	TBD
Sprint-4	Documentation	IVD-20,21	To create report and final demo video for publication	7	High	Balasubramanian KN ,Rajapriya R, Sivani S,

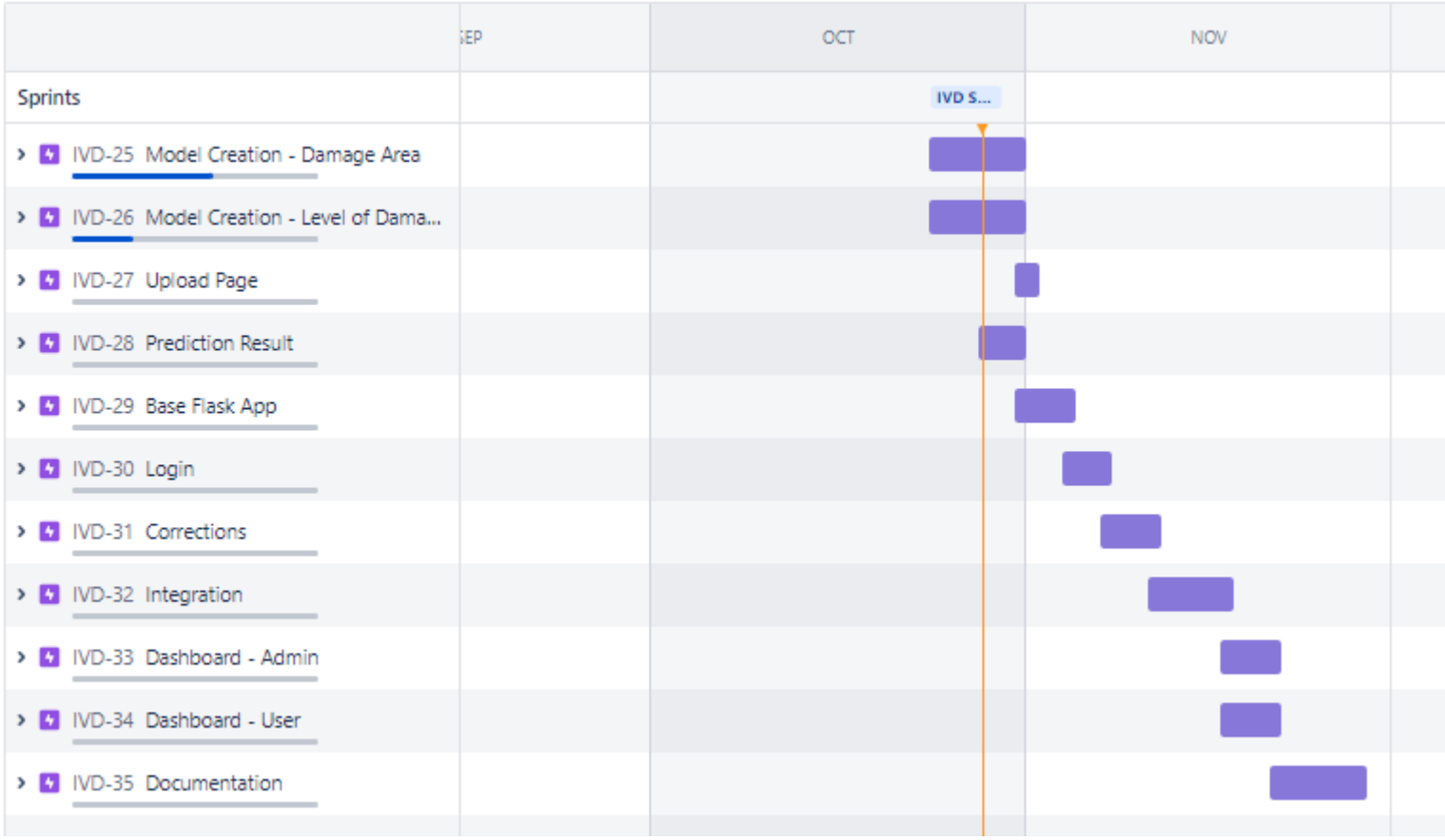
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Logeshwaran K
	Corrections	IVD-22	Checking for any bugs/errors and rectifying it	1	Low	TBD
	Dashboard-Admin	IVD-23	As an admin I can view other user details and uploads for other purposes	2	Low	TBD
	Dashboard-User	IVD-24	As a User I can see previous results and history	4	Medium	TBD

Project Tracker, Velocity & Burndown Chart: (4 Marks)

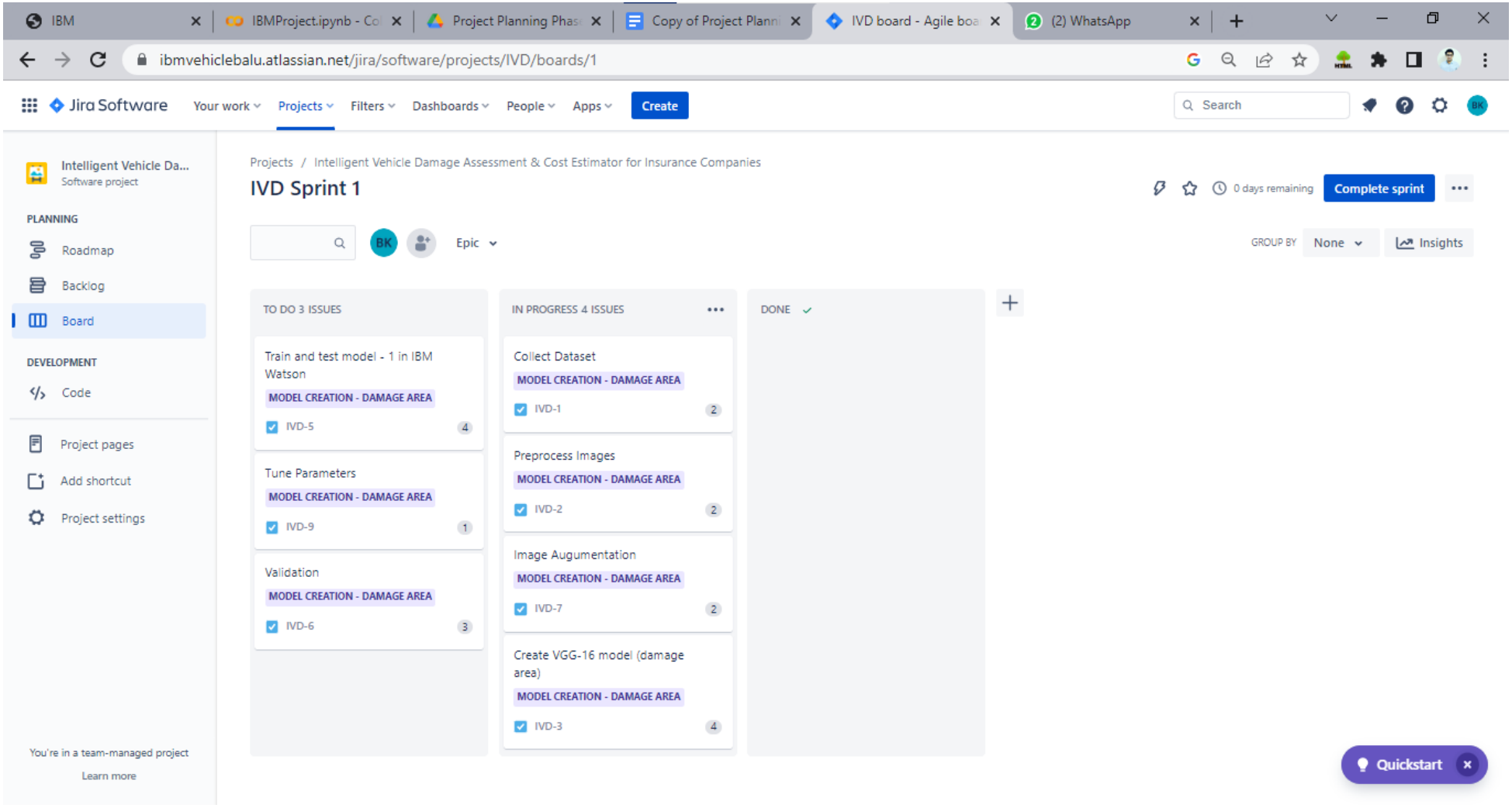
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	18	6 Days	24 Oct 2022	29 Oct 2022	18	30 Oct 2022
Sprint-2	22	6 Days	31 Oct 2022	05 Nov 2022	22	06 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	13 Nov 2022
Sprint-4	14	6 Days	14 Nov 2022	19 Nov 2022	14	20 Nov 2022

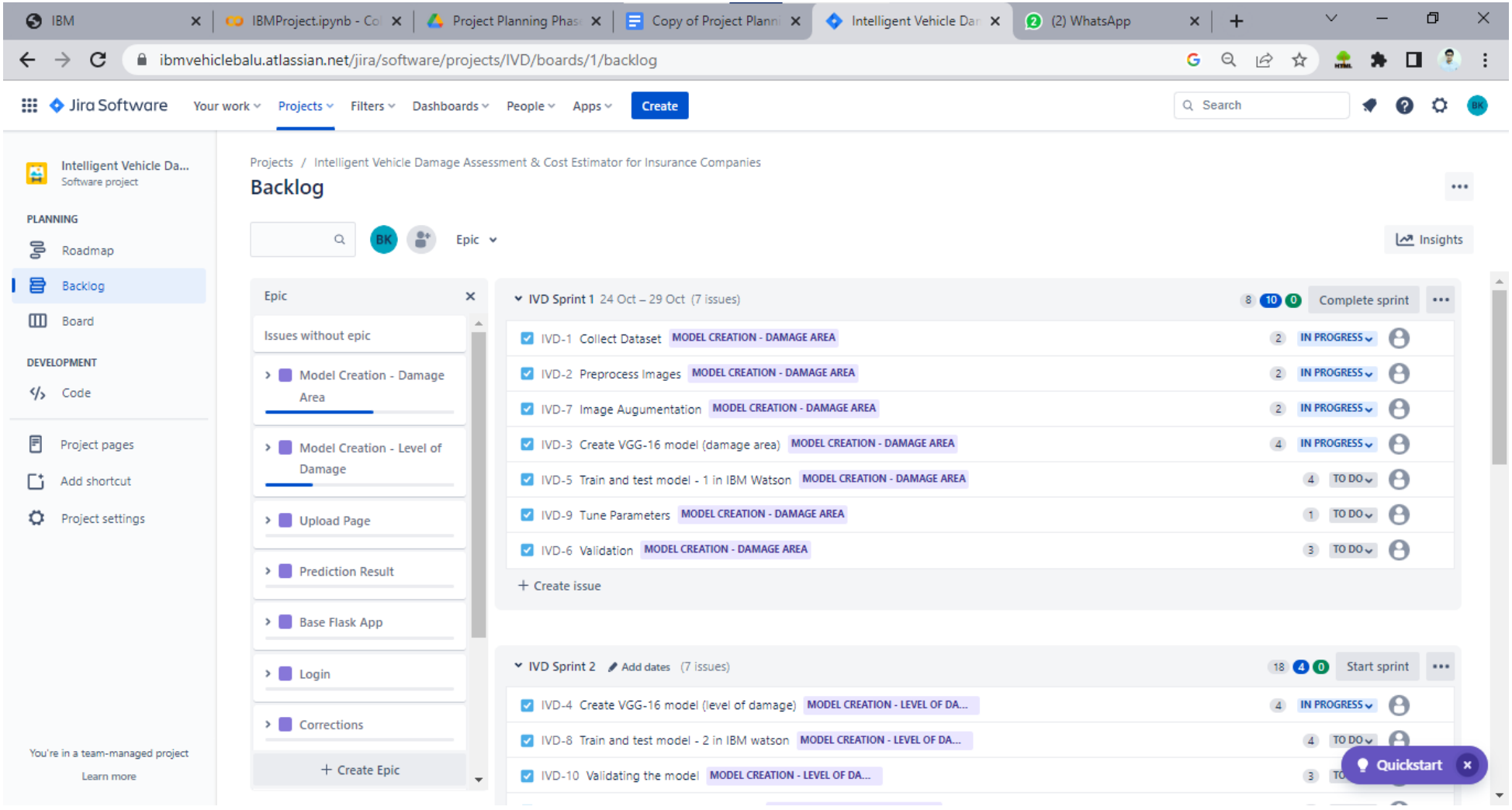
Note: Burndown charts and velocity to be updated dynamically after the end of sprints.

Roadmap:


SEP
OCT
NOV
Sprints
IVD S...
IVD-25 Model Creation - Damage Area
IVD-26 Model Creation - Level of Dama...
IVD-27 Upload Page
IVD-28 Prediction Result
IVD-29 Base Flask App
IVD-30 Login
IVD-31 Corrections
IVD-32 Integration
IVD-33 Dashboard - Admin
IVD-34 Dashboard - User
IVD-35 Documentation

JIRA Site ScreenShots:

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Jira Software
Your work
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Filters
Dashboards
People
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Search
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Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
You're in a team-managed project
Learn more
Projects / Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies
Backlog
Epic
Insights
Epic
Issues without epic
Model Creation - Damage Area
Model Creation - Level of Damage
Upload Page
Prediction Result
Base Flask App
Login
Corrections
Create Epic
IVD Sprint 1 24 Oct – 29 Oct (7 issues)
Complete sprint
IVD-1 Collect Dataset MODEL CREATION - DAMAGE AREA IN PROGRESS
IVD-2 Preprocess Images MODEL CREATION - DAMAGE AREA IN PROGRESS
IVD-7 Image Augumentation MODEL CREATION - DAMAGE AREA IN PROGRESS
IVD-3 Create VGG-16 model (damage area) MODEL CREATION - DAMAGE AREA IN PROGRESS
IVD-5 Train and test model - 1 in IBM Watson MODEL CREATION - DAMAGE AREA TO DO
IVD-9 Tune Parameters MODEL CREATION - DAMAGE AREA TO DO
IVD-6 Validation MODEL CREATION - DAMAGE AREA TO DO
Create issue
IVD Sprint 2 Add dates (7 issues)
Start sprint
IVD-4 Create VGG-16 model (level of damage) MODEL CREATION - LEVEL OF DA... IN PROGRESS
IVD-8 Train and test model - 2 in IBM watson MODEL CREATION - LEVEL OF DA... TO DO
IVD-10 Validating the model MODEL CREATION - LEVEL OF DA...
Quickstart