

# Project Planning Phase

## Product Backlog, Sprint Planning, Story Points

Date	28 October 2023
Team ID	Team-592716
Project Name	FELINAI: HARNESSING ARTIFICIAL INTELLIGENCE FOR FELIS TAXONOMY CLASSIFICATION
Maximum Marks	8 Marks

### Product Backlog, Sprint Schedule and Estimation

Sprint	Functional Requirement	User Story Number	User Story/ Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a registered user, I can log in to the application using my email and password.	3	High	Tarun
Sprint-1	Model Deployment	USN-2	As a developer, I can deploy trained machine learning models to the cloud for scalability and accessibility.	8	High	Praveen
Sprint-3	API Enhancement	USN-3	As a developer, I can enhance the API to support more advanced queries and user interactions.	5	Medium	Tarun
Sprint-3	User Feedback	USN-4	As a user, I can provide feedback on the classification results to improve the system's accuracy.	3	Medium	Praveen

Sprint-2	Feature Extraction	USN-5	As a data scientist, I can extract features from the collected data for machine learning model training.	5	Medium	Tarun
Sprint-4	Security Improvements	USN-6	As a security specialist, I can implement additional security measures to protect user data and the system.	4	High	Praveen

## Project Tracker

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	20	3 days	24 Oct 2023	26 Oct 2023	20	27 Oct 2023
Sprint-2	20	3 days	27 Oct 2023	29 Oct 2023	20	29 Oct 2023
Sprint-3	20	3 days	30 Nov 2023	1 Nov 2023	20	2 Nov 2023
Sprint-4	20	3 days	2 Nov 2023	5 Nov 2023	20	5 Nov 2023
Sprint-5	20	3 days	5 Nov 2023	8 Nov 2023	20	8 Nov 2023

## Velocity:

$Av = \text{sprint duration/velocity} = 20/10 = 2$

## 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.



