Project Planning Phase

Name	Aditya Ashok Pise
Project Name	Movie Genre Classification

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	Develop a system for accurately classifying movie genres based on textual descriptions.	USN-1	As a data scientist, I want to collect a dataset of movie descriptions and their corresponding genres from a reliable source.	5	High
Sprint-1	Develop a system for accurately classifying movie genres based on textual descriptions.	USN-2	As a data scientist, I want to preprocess the text data to clean, tokenize, and prepare it for model training.	3	High
Sprint-1	Develop a system for accurately classifying movie genres based on textual descriptions.	USN-3	As a data scientist, I want to explore different machine learning algorithms (e.g., Naive Bayes, Support Vector Machines, Random Forest) to determine the best approach for genre classification.	8	High
Sprint-1	Develop a system for accurately classifying movie genres based on textual descriptions.	USN-4	As a developer, I want to create a function/class that allows users to input a movie description and receive predicted genres as output.	5	Medium
Sprint-1	Develop a system for accurately classifying movie genres based on textual descriptions.	USN-5	As a developer, I want to integrate the model into a basic web application to demonstrate its functionality.	13	Medium

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)
Sprint-1	34	10 Days	04 Jan, 2024	14 Jan, 2024	34