

Project Planning Phase

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

Date	27 th Oct, 2023
Team ID	Team -591172
Project Name	Ford Go Bike Analysis
Max Marks	8 marks

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

SPRINT	FUNCTIONAL REQUIREMENT	USER STORY NUMBER	STORY POINTS	PRIORITY
SPRINT 1	Project initiation and Data Collection	US001, US002	8, 5	High
SPRINT 2	Data Cleaning and Initial Analysis	US003, US004	8, 5	High
SPRINT 3	User Persona Development and Feature Engineering	US005, US006	8, 5	Medium
SPRINT 4	Predictive Model Development	US007, US008	13, 8	High
SPRINT 5	Model Testing and Dashboard Prototype	US009, US010	13, 8	Medium
SPRINT 6	Recommendation System and Final Testing	US011, US012	13, 8	High

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint 1	20	2 Days	11 Oct 2023	13 Oct 2023	20	13 Oct 2023
Sprint 2	20	2 Days	14 Oct 2023	16 Oct 2023	20	16 Oct 2023
Sprint 3	20	1 Days	17 Oct 2023	18 Oct 2023	20	18 Oct 2023
Sprint 4	20	4 Days	19 Oct 2023	23 Oct 2023	20	23 Oct 2023
Sprint 5	20	4 Days	27 Oct 2023	31 Oct 2023		
Sprint 6	20	4 Days	1 Nov 2023	5 Nov 2023		

Average Velocity = *Sprint duration / velocity*

$$= 17/20 = 0.85$$

Burndown Chart:-

Burndown Chart

