Project Planning Phase: Project Planning

Date: 15 June 2025
Team ID: LTVIP2025TMID56879
Project Name: Freelance Finder: Discovering Opportunities, Unlocking Potential
Maximum Marks: 5 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	US-1	As a developer, I will collect and load relevant freelancer and client data into the database.	2 + 1 = 3	High	S.Mounika
Sprint-1	Data Preprocessing	US-2	As a developer, I will handle missing and categorical values in the data before model building.	3 + 2 = 5	High	M.Gayathri
Sprint-2	Model Building	US-3	As a developer, I will create and test a machine learning model for matching freelancers to projects.	5 + 3 = 8	High	A.Pavani
Sprint-2	Deployment	US-4	As a developer, I will build frontend HTML pages and deploy the model using Flask.	3 + 5 = 8	High	D.Tulasi

Total Story Points
Sprint 1: 8 SP
Sprint 2: 16 SP
Total: 24 Story Points

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	8	5 Days	01 June 2025	05 June 2025	8	05 June 2025
Sprint-2	16	5 Days	06 June 2025	10 June 2025	16	10 June 2025

Velocity Calculation
Total Story Points = 24
Number of Sprints = 2
Velocity = 24 / 2 = 12 Story Points per Sprint

Burndown Chart
A burndown chart will visually display the completion of story points over the sprint duration, decreasing from 24 down to 0 as tasks are completed over 10 days (2 sprints).

Reference: https://www.atlassian.com/agile/tutorials/burndown-charts

Terminology –

- **Epic**: A large task that is broken into stories.

- **Story**: A smaller, actionable task that can be completed in one sprint.

- **Story Point**: A unit of effort used to estimate task complexity (using Fibonacci scale).

- **Sprint**: A fixed-duration (5-day) period to complete a set of stories.