

## Project Planning Phase: Project Planning

Date: 15 June 2025

Team ID: LTVIP2025TMID56954

Project Name: FreelanceFinder: 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.