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 | Dura tion | 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*](http://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.