

Initial Project Planning Report

Date	30-01-2026
Team ID	LTVIP2026TMIDS66217
Project Name	TransLingua: AI-Powered Multi-Language Translator
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story No.	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date
Sprint-1	Project Setup & Planning	TL-1	Requirement analysis and project planning	High	Jangita Takeshwar	2026/01/28	2026/01/28
Sprint-1	Environment Setup	TL-2	Installing libraries & tools	Medium	Boya Hari Krishna	2026/01/28	2026/01/28
Sprint-1	API Configuration	TL-3	Generating Gemini Pro API key	High	Kambala Manideep Reddy	2026/01/28	2026/01/28
Sprint-2	Model Integration	TL-4	Initializing Gemini Pro model	High	Jangita Takeshwar	2026/01/29	2026/01/29
Sprint-2	Translation Logic	TL-5	Creating prompt template	Medium	Boya Hari Krishna	2026/01/29	2026/01/29
Sprint-2	Backend Function	TL-6	Implementing translate_text() function	High	Kambala Manideep Reddy	2026/01/29	2026/01/29
Sprint-3	UI Development	TL-7	Designing Streamlit UI	Medium	Kota Lakshmi Prasanna	2026/01/30	2026/01/30

Sprint	Functional Requirement (Epic)	User Story No.	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date
Sprint-3	UI Features	TL-8	Adding language selection & input fields	Medium	Kota Lakshmi Prasanna	2026/01/30	2026/01/30
Sprint-3	Output Display	TL-9	Displaying translated text	Low	Boya Hari Krishna	2026/01/30	2026/01/30
Sprint-4	Deployment	TL-10	Local deployment using Streamlit	Medium	Jangita Takeshwar	2026/01/30	2026/01/30
Sprint-4	Testing	TL-11	Functional testing & bug fixing	High	All Members	2026/01/30	2026/01/30
Sprint-4	Documentation	TL-12	Final project report preparation	Medium	All Members	2026/01/30	2026/01/30

Screenshot:

The screenshot shows a project management interface with a calendar view for the months of MAR, APR, MAY, and JUN. On the left, there is a sidebar titled 'Sprints' containing a tree view of project components:

- SL-1: Data Collection and Preprocessing** (IN PROGRESS)
 - SL-3: Understanding D... (IN PROGRESS)
 - SL-4: Data Cleaning (IN PROGRESS)
 - SL-5: EDA (IN PROGRESS)
- SL-6: Model Development** (IN PROGRESS)
 - In Progress: 2 of 2 (In Progress)
 - SL-9: Evaluating all mo... (IN PROGRESS)
- SL-11: Model tuning and testing
- SL-15: Web integration and Deployment
- SL-18: Project Report

Below the sidebar, there is a '+ Create Epic' button.

The main area displays two active sprints in detail:

- SL Sprint 1** (ACTIVE SPRINT)
 - Sprint goal goes here
 - Sprint start: 2024/03/15 | Sprint end: 2024/03/22
- SL Sprint 2** (ACTIVE SPRINT)
 - Sprint goal goes here
 - Sprint start: 2024/03/22 | Sprint end: 2024/03/29

At the bottom of the interface, there are navigation buttons for Today, Weeks, Months (highlighted), Quarters, and a search bar.



SmartLender
Software project

You're on the Free plan

⚠ LIMITED USERS LEFT

PLANNING

Timeline

Backlog

Board

Goals

+ Add view

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / SmartLender

All sprints

14 days remaining



Complete sprint



GROUP BY None

Insights

View settings



Epic

Sprint



TO DO 5

Selecting the best model

MODEL DEVELOPMENT

SL-12

IN PROGRESS 1

Evaluating all models

MODEL DEVELOPMENT

SL-9

DONE 1

Training the model with multiple algorithms

MODEL DEVELOPMENT

SL-8



Model tuning

MODEL TUNING AND TESTING

SL-13

Model testing

MODEL TUNING AND TESTING

SL-14

Building the HTML templates with JS and CSS

WEB INTEGRATION AND DEPLOYMENT

SL-16