

JIRA Task Sheet

Project: NLP-Based Language Translator Web Application

Task ID	Task Name	Type	Priority	Status	Assigned To
LT-01	Project Setup & Repository Initialization	Task	High	To Do	Backend Dev
LT-02	UI Design - Input & Output Layout	Story	High	To Do	Frontend Dev
LT-03	Language Dropdown Implementation	Task	Medium	To Do	Frontend Dev
LT-04	Backend API Setup (Flask/FastAPI)	Story	High	To Do	Backend Dev
LT-05	Integrate NLP Language Detection Model	Story	High	To Do	ML Engineer
LT-06	Integrate Neural Machine Translation Model	Epic	Highest	To Do	ML Engineer
LT-07	Tokenization & Preprocessing Module	Task	High	To Do	ML Engineer
LT-08	Post-processing & Output Formatting	Task	Medium	To Do	Backend Dev
LT-09	API Integration with Frontend	Story	High	To Do	Full Stack Dev
LT-10	Copy to Clipboard Feature	Task	Low	To Do	Frontend Dev
LT-11	Error Handling & Validation	Story	High	To Do	Backend Dev
LT-12	Security Implementation (HTTPS & API Keys)	Task	High	To Do	DevOps
LT-13	Performance Optimization	Task	Medium	To Do	Backend Dev
LT-14	Load Testing & Scalability Testing	Story	Medium	To Do	QA Engineer
LT-15	Unit Testing & Integration Testing	Story	High	To Do	QA Engineer
LT-16	Deployment on Cloud (AWS/Azure/GCP)	Epic	High	To Do	DevOps
LT-17	Documentation & User Guide	Task	Medium	To Do	Technical Writer
LT-18	Future Feature: Speech-to-Text Module	Epic	Low	Backlog	ML Engineer