

Project Initialization and Planning Phase

Date	8th July 2024
Team ID	SWTID1720074725
Project Name	CodeXchange: An AI-Powered Code Translator Tool

Project Planning

Sprint	Functional Requirement	Task	Priority	Team Member	Sprint Start Date	Sprint End Date (Planned)
Sprint 1	Requirements Specification and Initialization	Create requirements.txt file	Medium	Vani	8/7/24	9/7/24
Sprint 1	Requirements Specification and Initialization	Install required libraries	High	Vani	8/7/24	9/7/24
Sprint 1	Requirements Specification and Initialization	Generate PALM API and initialize pre-trained model	High	Vani	8/7/24	9/7/24
Sprint 4	Project Report	Report	Medium	Nilaksh	8/7/24	20/7/24
Sprint 2	Interfacing with pre-trained model	Creating Code Translation Function	High	Aattreya	10/7/24	14/7/24
Sprint 2	Interfacing with pre-trained model	Create Command Line Interfacing Function	Medium	Aattreya	10/7/24	14/7/24
Sprint 3	Model Deployment	Giving Project Description and Details	Medium	Hari	15/7/24	18/7/24
Sprint 3	Model Deployment	Create Interface Using Streamlit	High	Hari	15/7/24	18/7/24
Sprint 3	Model Deployment	Add Styling and Deploy	Medium	Hari	15/7/24	18/7/24

Screenshots

REQUIREMENTS SPECIFICATION			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div><div>TSK-45650</div><div>HGVSANK</div><div>Create A Requirements.Txt File To List The Required Libraries.</div><div>Progress(%):90</div><div>Comment</div></div> <div><div>TSK-45651</div><div>HGVSANK</div><div>Install The Required Libraries</div><div>Progress(%):90</div><div>Comment</div></div>	

INITIALIZATION THE MODEL			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
		<div><div>TSK-45652</div><div>HGVSANK</div><div>Generate PALM API Key</div><div>Progress(%):90</div><div>Comment</div></div> <div><div>TSK-45653</div><div>HGVSANK</div><div>Initialize The Pre-Trained Model</div><div>Progress(%):90</div><div>Comment</div></div>	

INTERFACING WITH PRE-TRAINED MODEL			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
			<div><div>TSK-45654</div><div>HGVSANK</div><div>Function To Change The Programming Language Of The Code</div><div>Progress(%):100</div><div>Comment</div></div>

MODEL DEPLOYMENT			
BACKLOG	IN-PROGRESS	REVIEW	COMPLETE
			<div><div>TSK-45655</div><div>HGVSANK</div><div>Give The Project Title, Description And Describe The Scenarios</div><div>Progress(%):100</div><div>Comment</div></div> <div><div>TSK-45656</div><div>HGVSANK</div><div>Translate The Code Given By The User</div><div>Progress(%):100</div><div>Comment</div></div> <div><div>TSK-45657</div><div>HGVSANK</div></div>