

## Initial Project Planning Template

Date	21 June 2025
Team ID	SWTID1750316859
Project Name	ASL- Alphabet image Recognition
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN-1	Download ASL dataset from Kaggle and organize it	2	High	Manoj	19/06/2025	20/06/2025
Sprint-1	Data Preparation	USN-2	Perform resizing and normalization of dataset images	1	Medium	Preethi	20/06/2025	21/06/2025
Sprint-2	Image Preprocessing	USN-3	Apply data augmentation techniques using Keras	2	Medium	Sanjay	22/06/2025	23/06/2025
Sprint-2	Model Building	USN-4	Build and train CNN model (MobileNet)	2	High	Abiram	24/06/2025	25/06/2025
Sprint-2	Model Building	USN-5	Evaluate model accuracy and tune parameters	1	High	Abiram	25/06/2025	26/06/2025
Sprint-3	Application Building	USN-6	Integrate model with Flask backend	1	High	Preethi	27/06/2025	28/06/2025

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>
Sprint-3	Application Building	USN-7	Create frontend for uploading and predicting ASL images	2	Medium	Manoj	28/06/2025	29/06/2025
Sprint-3	Application Building	USN-8	Test and prepare final deployment	2	Medium	Sanjay	29/06/2025	30/06/2025