

## Initial Project Planning Template

Date	16 June 2025
Team Lead Name	Jayanth Srinivas Bommisetty
Project Name	Sloan Digital Sky Survey (SDSS) galaxy classification using machine learning
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(Images)	USN-1	Collecting suitable Images over 25,000	2	High		2025/06/16	2025/06/17
Sprint-1	Classifying the Images	USN-1	Arranging the images according to classes	1	High		2025/06/18	2025/06/19
Sprint-2	Pre-Processing the Images	USN-2	Separating the datasets in train, test, and val. Performing Preprocessing images	2	Medium		2025/06/20	2025/06/21
Sprint-1	CNN model layer building and model building	USN-3	Developing CNN layers for model building	2	High		2025/06/21	2025/06/24
Sprint-1	Model tuning	USN-1	Performed Fine tuning for improving accuracy	1	High		2025/06/24	2025/06/25