

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	10 November 2022
Team ID	PNT2022TMID00650
Project Name	Project – AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	Ideation	USN-1	As a user I will initialize all the requirements which has ideation, empathy map, literature survey and problem statement.	1	Low
	Project Design phase-1		As a user I will include problem solution fit, solution architecture, proposed solution.		
	Project Design phase-2		As a user I will include customer journey map, technical architecture, dataflow diagram and functional requirements.		
Sprint-2	Data Collection	USN-2	As a user, I will collect all the data that has to be trained and tested.	2	Medium

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
	Image Pre-processing		As a user, I will Apply Image Data Generator Functionality to Train and Test Set. As a user, I will import image data generator library and configure it.		
	Model Building		As a user, I will include all the necessary layers, fit the model and save it.		
	Test the model		As a user, I will import the package and test the saved model. As a user, I will test, pre-process and predict the output.		
Sprint-3	Application Building	USN-3	As a user, I will build the flask application and HTML page to view my output.	3	High
	Training CNN model		As a user, I will train image classification model in the registered cloud repository.		
Sprint-4	Planning	USN-4	As a user, I will include all the outline of the project.	4	High

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
	Developing		As a user, I will include the various phases of code development and implementation.		
	Final outcome		As a user, I will check for the required output.		

BURNDOWN CHART

