

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

Date	18 October 2022
Team ID	PNT2022TMID39453
Project Name	AI BASED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTIC
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	Team Members
Sprint-1	Data Collection	USN-1	As a user, I can collect the dataset from various resources with different handwritings.	10	Low	Swathi P Sowmiya p
Sprint-1	Data Preprocessing	USN-2	As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.	10	Medium	Swathi s Sowmiya P
Sprint-2	Model Building	USN-3	As a user, I will get an application with ML model which provides high accuracy of recognized handwritten digit.	5	High	Swathi P Sowmiya p Jackulinrani k Swetha k
Sprint-2	Add CNN layers	USN-4	Creating the model and adding the input, hidden, and output layers to it.	5	High	Swathi P Sowmiya p Jackulinrani k
Sprint-2	Compiling the model	USN-5	With both the training data defined and model defined, it's time to configure the	2	Medium	Swathi P Sowmiya p

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			learning process.			
Sprint-2	Train & test the model	USN-6	As a user, let us train our model with our image dataset.	6	Medium	Swathi P Sowmiya p Jackulinrani k
Sprint-2	Save the model	USN-7	As a user, the model is saved & integrated with an android application or web application in order to predict something.	2	Low	Swetha S
Sprint-3	Building UI Application	USN-8	As a user, I will upload the handwritten digit image to the application by clicking a upload button.	5	High	Swathi P Sowmiya p
Sprint-3		USN-9	As a user, I can know the details of the fundamental usage of the application.	5	Low	Swathi P Sowmiya p
Sprint-3		USN-10	As a user, I can see the predicted / recognized digits in the application.	5	Medium	Swathi P Sowmiya p
Sprint-4	Train the model on IBM	USN-11	As a user, I train the model on IBM and integrate flask/Django with scoring end point.	10	High	Swathi P Sowmiya p Jackulinrani k
Sprint-4	Cloud Deployment	USN-12	As a user, I can access the web application and make the use of the product from anywhere.	10	High	Swathi P Sowmiya p