Planning Process Prepare Milestone Activity List

Date	1-11-2022
Team ID	PNT2022TMID42999
Project Name	AI-powered nutrition analyzer for fitness enthusiasts
Maximum Marks	8mark

Prepare Milestone Activity List :

Planning	**Start Date**	**End Date**	**Process**
Prerequisite s	24-10-22	24-10-22	Download the Anaconda Navigator Install the packages (NumPy, pandas, keras, tensor flow)
Data Collection	25-10-22	25-10-22	Download the Dataset
Image Processing	28-10-22	01-11-22	Process the Image Apply the Image Data Generator Functionality to the Train set and Test set
Model Building For Fruits analyzer	01-11-22	10-11-22	Import the Libraries Initializing the model Add CNN Layers Add Dense Layers

Prediction				**Train and save the model**
Model building for nutrition prediction in fruit	06-11-22	10-11-22		Train and save the model
Test the model	11-11-22	14-11-22		Test the model
Train the model on IBM	13-11-22	15-11-22		Register for IBM Cloud Train model on IBM
Application building	24-10-22	15-11-22		Built Python Code Built HTML page Run the Code

Sprint	**Functional Requirements (Epic)**	**User Story Number**	**user Story/Task**	**Story Points (Total)**	**Priority**	**Team Members**
Sprint-1	Model Creation and Training (fruit)		Create a model which can classify the fruit(nutrition) from given images. I also need to test the model and deploy it on IBM Cloud	8	High	M.Sabidha S.suganthi S.Ambayeeram T.Ranjith
Sprint-2	Model Creation and Training (fruits)		Create a model which can classify the fruit(nutrition)from given images and train on IBM Cloud	6	High	M.Sabidha S.suganthi S.Ambayeeram T.Ranjithkumar
	Registration		As a user, I can register by entering my email, password and confirming my password or via O Auth API	3	Medium	M.Sabidha S.suganthi S.Ambayeeram T.Ranjithkumar

	Upload page		As a user, I will be redirected to a page where I can upload my pictures of fruits	4	High	M. Sabidha S.suganthi S.Ambayeeram T. Ranjithkumar
	Suggestion results		As a user, I can view the results and then obtain the suggestions provided by the ML mode	4	High	M. Sabidha S.suganthi S.Ambayeeram T. Ranjithkumar
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	M. Sabidha S.suganthi S.Ambayeeram T. Ranjithkumar
Sprint-3	login		As a user/admin, I can log into the application by entering email & password	2	High	M. Sabidha S.suganthi S.Ambayeeram T. Ranjithkumar
	User Dashboard		As a user, I can view the previous results and history	3	Medium	M. Sabidha S.suganthi S.Ambayeeram T. Ranjith kumar
	Integration		integrate Flask, CNN model with Cloud ant DB	5	Medium	M. Sabidha S.suganthi S.Ambayeeram T. Ranjith kumar
	Containerization		Containerize Flask app using Docker	2	Low	M. Sabidha S.suganthi S.Ambayeeram T. Ranjith kumar
Sprin-4	Dashboard (Admin)		As a admin, I can view other user details and uploads for other purpose	2	Medium	M. Sabidha S.suganthi S.Ambayeeram T. Ranjith kumar