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

Date	18 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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		Download the dataset, Two datasets will be used, we will be creating two models one to detect vegetable leaf diseases like tomato, potato, and pepper plants and the second model would be for fruits diseases like corn, peach, and apple.	5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	Image Preprocessing		Before training the model you have to preprocess the images and then feed them on to the model for training. We make use of Keras ImageDataGenerator class for image preprocessing.	5	Medium	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
Sprint-2	Model Building For Fruit Disease Prediction		Create a CNN Model which can classify the type of fruit leaf disease from given image. (fruit-dataset)	7.5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	Model Building For Vegetable Disease Prediction		Create a CNN Model which can classify the type of vegetable leaf disease from given image. (vegetable-dataset)	4.5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Testing Both The Models		The model had been successfully trained. The model is to be tested with different images to know if it is working correctly.	5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	IBM Cloud Registration		Register for the IBM Cloud to use the service of the IBM.	5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	Train & Deploy The Model On IBM		Train the model on IBM Cloud & Deploy it using the Watson Studio Service.	5	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
Sprint-4	Application Building		The build model is then integrated into a web application so that normal users can also use it. Build a flask app using HTML and Python	4	Medium	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	Home page	USN-1	As a user I can know about how the application works	4	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K
	Prediction Page	USN-2	As a user I can access the application and upload the images of leaf and get my fertizer recommended	4	High	Kishanthini M, Abinilla V A, Gokul S, Gowtham K

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	02 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	15	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	20 Nov 2022