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

Date	18 October 2022
Team ID	PNT2022TMID00319
Project Name	Estimation of crop yield using Data Analytics
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 data from various resources with different agricultural datasets.	3	Low	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-1	Data Pre processing	USN-2	As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.	6	Medium	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-2	Model Building	USN-3	As a user, I will get an application with ML model which provides high accuracy of recognized data obtained from the agricultural datasets.	10	High	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-2	Compiling the model	USN-4	With both the training data defined and model defined, it's time to configure the learning process.	7	Medium	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Train & test the model	USN-5	As a user, let us train our model with our predicted dataset.	6	Medium	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-2	Save the model	USN-6	As a user, the model is saved & integrated with a web application in order to predict something.	2	Low	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-3		USN-7	As a user, I can know the details of the fundamental usage of the application.	2	Low	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-3		USN-8	As a user, I can see the predicted / agricultural datasets from the application.	5	Medium	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-4	Train the model on IBM	USN-9	As a user, I train the model on IBM and regression model with scoring end point.	10	High	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish
Sprint-4	Cloud Deployment	USN-10	As a user, I can access the web application and make the use of the product from anywhere.	10	High	Mohammed Riyaan RVV Karthik Pilli Bhargav Nithish