Project Planning Phase

Date	26 October 2022
Team ID	PNT2022TMID28883
Project Name	A Novel Method for Handwritten Digit Recognition System
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	Collection of dataset from various resources with different handwritings.	10	Low	Hemapriya K Charulatha I
Sprint-1	Data Preprocessing	USN-2	Loading the dataset, handling the missing data, scaling and split data into train and test.	10	Medium	Ashwini P Gokila B
Sprint-2	Model Building	USN-3	Getting an application with ML model which provides high accuracy of recognized handwritten digit.	5	High	Hemapriya K Gokila B Ashwini P
Sprint-2	Add CNN layers	USN-4	Creating the model and adding the input, hidden, and output layers to it.	5	High	Gokila B Charulatha I Ashwini P
Sprint-2	Compiling the model	USN-5	With both the training data defined and model defined, it's time to configure the learning process.	2	Medium	Ashwini P Gokila B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Train & test the model	USN-6	Train our model with our image dataset.	6	Medium	Hemapriya K Charulatha I
Sprint-2	Save the model	USN-7	The trained model is saved & integrated with an android application or web application in order to predict something.	2	Low	Hemapriya K
Sprint-3	Building UI Application	USN-8	Uploading the handwritten digit image to the application by clicking a upload button.	5	High	Gokila B Charulatha I Ashwini P
Sprint-3	Knowledge about application built	USN-9	Knowing the details of the fundamental usage of the application.	5	Low	Charulatha I
Sprint-3	Testing	USN-10	See the predicted / recognized digits in the application.	5	Medium	Hemapriya K Gokila B
Sprint-4	Train the model on IBM	USN-11	Train the model on IBM and integrate flask/Django with scoring end point.	10	High	Hemapriya K Gokila B Ashwini P Charulatha I
Sprint-4	Cloud Deployment	USN-12	Accessing the web application and make the use of the product from anywhere.	10	High	Hemapriya K Gokila B Ashwini P Charulatha I