Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID34853
Project Name	Project – A Novel handwritten Digit Recognition System
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	I can collect the dataset from various resources with different handwritings.	10	Low	Vishak V.J Vishnu.S
Sprint-1	Data Processing	USN-2	I can load the dataset and split the data into train and test.	10	Medium	Vishak V.J Vishnu.S
Sprint-2	Add CNN layers	USN-3	Creating the model and adding the input, hidden, and output layer to it.	5	High	Madhu Aravind .S
Sprint-2	Compiling the model	USN-4	With both the training data defined and model defined, it's time to configure the learning process	2	Medium	Madhu Aravind .S Vengatesh .R
Sprint-2	Train & Test the model	USN-5	let us train and test our model with image dataset.	6	Medium	Madhu Aravind .S Vengatesh .R
Sprint-2	Save the model	USN-6	Model is to be saved for future purposes. This saved model can also be integrated with an web application in order to predict something.	2	Medium	Madhu Aravind .S
Sprint-3	UI Application Building	USN-7	Building a web application that is integrated into the model we built. A UI is provided for the uses where he has uploaded an image. The uploaded image is given to the saved model and prediction is showcased on the UI.	5	High	Madhu Aravind .S Vengatesh .R Vishak V.J Vishnu.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	We use HTML to create the front end part of the web page	5	High	Vengatesh .R Vishak V.J
Sprint-3		USN-9	Build the flask file which is a web framework written in python for server-side scripting.	5	High	Madhu Aravind .S Vishnu.S
Sprint-3		USN-10	Run the application.	5	High	Vishnu.S
Sprint-4	Train the model on IBM	USN-11	Build Deep Learning Model Using the IBM cloud.	5	High	Vengatesh .R Vishak V.J

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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	05 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	05 Nov 2022