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

Date	07 November 2022
Team ID	PNT2022TMID22252
Project Name	A Novel Method for 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	We can collect the dataset from various assets with different handwritings.	10	Low	Pavithra.M Haritha.D
Sprint-1	Data Processing	USN-2	Those datasets can be loaded and split the data for training and testing the datasets.	10	Medium	Monisha.S Malini.V
Sprint-2	Add CNN layers	USN-3	Creating the model and adding the input, hidden, and output layer to it.	5	High	Monisha.S Pavithra.M
Sprint-2	Compiling the model	USN-4	Hereafter, to design the learning process with the assistance of the training data defined and model defined	2	Medium	Haritha.D Malini.V Monisha.S
Sprint-2	Train & Test the model	USN-5	Enlighten the train and test our model with imagedataset.	6	Medium	Pavithra.M Haritha.D Malini.V
Sprint-2	Save the model	USN-6	Save the model for future hasten purposes. This saved model can also be consolidated with an web application in order to predict something.	2	Medium	Monisha.S Malini.V
Sprint-3	UI Application Building	USN-7	Creating a web application that integrates into the model we have created. A UI is provided for the uses where they have uploaded an image. The uploaded image is passed to the saved model and displayed on the forecast UI.	5	High	Haritha.D Malini.V Monisha.S Pavithra.M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	By using HTML we have design the front **end part of the web page**	5	High	Pavithra.M
Sprint-3		USN-9	Create Flask file which is a web framework written in Python for server-side scripting.	5	High	Haritha.D Malini.V Monisha.S
Sprint-3		USN-10	Run the application.	5	High	Haritha.D
Sprint-4	Train the model on IBM	USN-11	Using the IBMcloud we Build Deep Learning Model.	5	High	Malini.V Monisha.S

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.