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

Date	18October 2022
Team ID	PNT2022TMID25747
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Dhinadhayalan
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Jayaraj
Sprint-2		USN-3	As a user, I can register for the application through Facebook	5	Low	Jayaraj
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jayaraj
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Manikandan
Sprint-2	Dashboard	USN-6	Collect the MNIST Datasets	5	High	Sasidharan
Sprint-2	Model Building	USN-7	To design and train the Model.	5	Medium	Sasidharan
Sprint-2		USN-8	To test the model by adding images in the IBM Cloud	5	High	Dhinadhayalan
Sprint-3	Application Building	USN-9	UI is provided for the uses where he has uploaded an image.	5	High	Manikandan
Sprint-3		USN-10	Built the HTML Script and server side script.	5	High	Sasidharan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Test the Model	USN-11	After Building the application and design the model. Test the Model and deploy the application.	5	High	Dhinadhayalan

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	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

AV = 20/10=2

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.