

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID34853
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	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
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

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.

