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

Date	18 October 2022
Team ID	PNT2022TMID41032
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	Importing the Required Libraries	USN-1	As a user, I have to implement necessary libraries packages	10	Medium	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-1	Data preprocessing	USN-2	As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.	10	Medium	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-2	Model Building	USN-3	As a user, I will get an application with ML model which provides high accuracy of recognized handwritten digit	5	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-2	Add CNN layer	USN-4	As a user, I will get an application with ML model which provides high accuracy of recognized handwritten digit	4	low	Priya V Elavarasan S Anitha A Hariputhiran A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Compiling the model	USN-5	With both the training data defined and model defined, it's time to configure the learning process	3	low	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-2	Train and Test the model	USN-6	As a user, let us train our model with our image dataset.	4	Medium	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-2	Save the model	USN-7	As a user, the model is saved & integrated with an a web application in order to predict something.	4	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-3	Building with User Inter face(UI) Application	USN-8	As a user, I will upload the handwritten digit to the web application by clicking a upload button.	10	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-3		USN-9	As a user, I can know the details of the fundamental usage of the application	5	Medium	Priya V Elavarasan S Anitha A Hariputhiran A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-10	As a user, I can see the recognized digits in the application.	5	Medium	Priya V Elavarasan S Anitha A Hariputhiran A
Spint-4	Train the model on IBM	USN-11	As a user, I train the model on IBM and integrate flask/Django with scoring end point	10	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-4	Deployment	USN-12	As a user, I can access the web application	10	High	Priya V Elavarasan S Anitha A Hariputhiran A

Project Tracker, Velocity & Burn down 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	31 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:

Sprint Duration: 6 Days

Velocity of the Team: 20(points per sprint)

Team's Average Velocity:

AV= Story point /Velocity of sprint duration

=20/6

=3.3

JIRA software

9342367729.**atlassian.net**/jira/software/projects/NMFHDRS/boards/1

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Projects / A Novel Method For Handwritten Digit Recognition System

All sprints

⚡ ☆ **Complete sprint** ...

🔍 [P] [H] [E] [AS] 👤+ More ∨   GROUP BY None ∨   📈 Insights

TO DO 12 ISSUES	IN PROGRESS	DONE ✓
As a user, I have to implement necessary libraries packages **IMPORTING THE REQUIRED LIBRA...** 🏷 NMFHDRS-1 10 P		
As a user, I can load the dataset, handling the missing data, scaling and split data into train and test. **DATA PREPROCESSING** 🏷 NMFHDRS-2 10 E		
As a user, I will get an		