

Project Planning Phase

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

Date	31 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	3	High	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-1	Importing the Required Libraries		As a user, I have to implement necessary libraries packages	4	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-1	Data preprocessing	USN-4	As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.	4	Medium	Priya V Elavarasan S Anitha A Hariputhiran A
Sprint-2	Model Building	USN-5	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-6	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-2	Compiling the model	USN-7	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-8	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-9	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-10	As a user, I will upload the handwritten digit image to the web application by clicking a upload button.	10	High	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-11	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-3		USN-12	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-13	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-14	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

=206 =3.3

JIRA software

The screenshot shows the Jira Software interface for a project named "A Novel Method for Handwritten Digit Recognition System". The browser address bar shows the URL: `20020706.atlassian.net/jira/software/projects/NMFHDRS/boards/1/backlog`. The Jira navigation bar includes "Jira Software", "Your work", "Projects", "Filters", "Dashboards", "People", "Apps", and a "Create" button. A search bar is also present.

The left sidebar contains the project name and a list of views: "PLANNING" (Roadmap, Backlog, Board) and "DEVELOPMENT" (Code). The "Backlog" view is selected.

The main content area displays the "Backlog" for the project. It shows two sprints:

- NMFHDRS Sprint 1** (24 Oct – 29 Oct, 4 issues):
 - NMFHDRS-1: As a user, I can register for the application by entering my email, password, and confirming my... **REGISTRATION** (5 points, TO DO, ES assignee)
 - NMFHDRS-2: As a user, I can log into the application by entering email & password **LOGIN** (3 points, TO DO, P assignee)
 - NMFHDRS-3: As a user, I have to implement necessary libraries packages **IMPORTING THE REQUIRED LIBRA...** (4 points, TO DO, AS assignee)
 - NMFHDRS-4: As a user, I can load the dataset, handling the missing data, scaling and split data into tr... **DATA PREPOSSESSING** (4 points, TO DO, H assignee)
- NMFHDRS Sprint 2** (31 Oct – 5 Nov, 5 issues):
 - NMFHDRS-9: As a user, I will get an application with ML model which provides high accuracy of recognize... **MODEL BUILDING** (5 points, TO DO, AS assignee)

Each issue entry includes a summary, a key label, a point value, a status (TO DO), and an assignee (ES, P, AS, H).

A Novel Method for H...
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

Projects / A Novel Method for Handwritten Digit Recognition System

All sprints

Complete sprint

GROUP BY None Insights

TO DO 9 ISSUES

As a user, I can register for the application by entering my email, password, and confirming my password.

REGISTRATION

NMFHDRS-1 5 ES

As a user, I can log into the application by entering email & password

LOGIN

NMFHDRS-2 3 P

As a user, I have to implement necessary libraries packages

IMPORTING THE REQUIRED LIBRA...

NMFHDRS-3 4 AS

IN PROGRESS

IN REVIEW

DONE ✓

A Novel Method for H...
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code

Project pages

- Add shortcut
- Project settings

You're in a team-managed project
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