Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	22 October 2022
Team ID	PNT2022TMID45366
Project Name	Project - 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 Point	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.	4	High	Hasan Ul Khaja Hussain
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sugumar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Antony Raja
Sprint-2	Dashboard	USN-6	Go to dashboard and get to know the website	5	Medium	Antony Raja
Sprint-2	Security(Administrator)	USN-11	upload the features	2	Medium	Hasan Ul Khaja Hussain
Sprint-3	Upload Image	USN-7	As a user, I can able to input the images of digital documents to the application	3	High	Vinoth Kumar
Sprint-3	Predict	USN-8	As a user I can able to get the recognised digit as output from the images of digital documents or images	4	High	Hasan Ul Khaja Hussain
Sprint-4	Login	USN-4	As a user, I can register for the application through Gmail	1	Low	Sugumar
Sprint-4	Login	USN-3	As a user, I can register for the application through Facebook	1	Low	Vinoth Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Point	Priority	Team Members
Sprint-4	Login(Web user)	USN-9	As a user, I can use the application by entering my email, password.	2	Medium	Antony Raja
Sprint-4	Security(Administrator)	USN-10	As a user, I will train and test the input more to get the maximum accuracy of output.	3	Medium	Hasan ul khaja Hussain

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022	7	05 Nov 2022
Sprint-3	7	6 Days	07 Nov 2022	12 Nov 2022	7	12 Nov 2022
Sprint-4	7	6 Days	14 Nov 2022	19 Nov 2022	7	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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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