PROJECT PLANNING

Date	28th October, 2022
Team ID	PNT2022TMID44229
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

RELEASE	FUNCTIONAL REQUIREMENT (EPIC)	USER STORY NUMBER	USER STORY/TASK	PRIORITY	STORY POINTS	TEAM MEMBERS
Sprint-1	Registration	USN1	I should register with my credentials like username, email and passwords as a customer	High	2	Sakthivel G Mohan B
Sprint-1	Verification	USN2	As a customer I will verify my registration with email received	High	2	Sakthivel G Abilash R Pragadeeswaran J
Sprint-2	Login	USN3	I, as a customer, should login with my credentials	Low	1	Mohan B Abilash R
Sprint-2	Upload Input	USN4	I will upload my input as an image or via on -screen mode	High	1	Pragadeeswaran J Sakthivel G
Sprint-3	Train	USN5	As a customer I will train the system thoroughly with proper and frequent inputs	Medium	3	Sakthivel G Abilash R Pragadeeswaran J Mohan B
Sprint-3	Test	USN6	As a customer I will test the system periodically with new data to check the system accuracy	High	3	Sakthivel G Abilash R Pragadeeswaran J Mohan B
Sprint-4	Maintenance	USN7	As an admin I will maintain the user data properly	High	2	Sakthivel G Abilash R Pragadeeswaran J Mohan B
Sprint-4	Update	USN8	As an administrator I will check if I can make any effective updates on the system	Medium	3	Sakthivel G Abilash R Pragadeeswaran J

Project Tracker, Velocity & Burndown Chart:

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	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	5 Nov 2022	20	5 Nov 2022
Sprint-3	20	6 Days	5 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	12 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 6-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)

$$AV = sprint\ duration\ /\ velocity$$

$$AV = 20/6 = 3.33$$

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.