Project Planning Phase

Milestone & Activity

Date	25October 2022
Team ID	PNT2022TMID21613
Project Name	Novel method for handwritten digit recognition system
Maximum Marks	8 Marks

Milestone and Activity List

Sprint	**Functional Requirement (Epic)**	**User Story** Number	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-1	Data Collection & pre processing	USN-1	As a user, I can upload any kind of image with the pre-processing step is involved in it.	12	High	Insuvai V
Sprint-1		USN-2	As a user, I can upload the image in any resolution.	8	Medium	
Sprint-2	Building the model	USN-3	As a user, I can make use of the ML model which provides high accuracy of recognized handwritten digit	8	High	Jenvin Shirly R

Sprint-2		USN-4	As a user, I can feed the handwritten digit image to the model for recognizing the digit.	6	Medium	
Sprint-2		USN-5	As a user, I can get the digit recognized with at most accurate	7	Medium	
Sprint-3	Building User Interface Application	USN-6	As a user, I will upload the handwritten digit image to the application by using the upload option provided through the UI	10	High	Chrisolus J
Sprint-3		USN-7	As a user, I can see the predicted / recognized digits in the application	10	High	
Sprint-4	Train and deployment of model in IBM Cloud	USN-8	As a user, I can access the web application and make the use of the product from anywhere	20	High	Kavi Barathi B

Sprint Delivery Plan:

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	25 Oct 2022	31 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	1 Nov 2022	06 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	08 Nov 2022	13 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 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 = 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.