Project Planning Phase Project Planning Template

(Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID27170
Project Name	Deep learning fundus image analysis on early detection of diabetic retinopathy
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release	Team Members
Customer (Mobile user)	Home	USN-1	As a user, I can able to know about the application and read the instruction to usage of mobile app.	I can view the instruction about application.	High	Sprint-1	TM-1
		USN-2	As a user, I am allowed to view Demo video for using the application.	I can gain Knowledge from Demo Video.	High	Sprint-4	TM-2,TM-1
		USN-3	As a user, I can access the MNIST dataset from my Drive Files.	I can access the MNIST dataset to get the output.	Low	Sprint-2	TM-3
	Upload	USN-4	As a user, I have access to upload the dataset from my Drive Files or from other Files.	I can upload the image from System Storage.	Medium	Sprint-1	TL
	Result	USN-5	As a user, I can able to view the result of uploaded image as my	I can able to view the result of uploaded image.	High	Sprint-1	TM-1,TM-2

			predicted output.				
Customer (Web View)	Home	USN-6	As a user, I can read the information about the Web application.	I can read and gain knowledge about the web application .	High	Sprint-1	TM-3,TL
	Pre-Processing	USN-7	As a user, I will train and test the input.	I can able to train and test the input data	High	Sprint-4	TM-1,TM-2
	Recognize	USN-8	As a user, I can recognize how the input is evaluated.	I can able to know the Evolution of input.	Low	Sprint-2	TM-3
	Predict	USN-9	As a user, I am able to predict the image.	I can able to predict the image.	Medium	Sprint-3	TL
	Accuracy	USN-10	As a user, I can see the accuracy of my input image as output result.	I can able to view the resulted output.	High	Sprint-1	TM-2,TM-3

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 oct 2022
Sprint 2	20	6 Days	31 Oct 2022	05 Nov 2022	15	
Sprint 3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint 4	20	6 Days	14 Nov 2022	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 = Sprint Duration/Velocity

=20/10 = 2