Project Planning Phase

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

Date	15 NOVEMBER 2022
Team ID	PNT2022TMID48762
Project Name	Project - Early Detection Of Chronic Kidney Disease Using Machine Learning
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 Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can enter the requirements like bp,wbc,rbc,count,etc. As a user, I will agree to process these information in model which is in cloud	3	High	Saritha Gayathri
Sprint-2		USN-2	As a developer i must create the machine learning model in ibm cloud and to connect the through API	2	High	Kavipriya Gayathri
Sprint-3		USN-3	As a Developer I must create html page for the user to enter their respective requirement values and flask integration	2	High	Saritha Kavipriya
Sprint-4	Verify	USN-4	As a user, I must verify the predicting results in webpage. As a Developer i must push the webpage in IBM Cloud in order to use by the customer and publish the release version	3	High	Gayathri Saritha Kavipriya

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	12NOV 2022	30	15 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	13Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	15 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	15 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: