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

Date	22 October 2022
Team ID	PNT2022TMID42291
Project Name	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 a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a user, I can register for the application by enteringmy name, mobile number, email, and password, and confirming my password.	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-2		USN-2	As a user, I can register for the application through Gmail	5	Medium	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-1	User Confirmation	USN-3	As a user, I will receive a confirmation email once I have registered for the application	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-2		USN-4	As a user, I will receive confirmation OTP to verify myidentity.	5	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-2	Data Collection	USN-5	As a user, I will enter the input data for disease predictionin the form	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Provide output to the user	USN-6	As a user, I will get the result of disease prediction in the dashboard.	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-3	Data Analysis	USN-7	As the admin, I will develop modules to preprocess andstore the data.	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-4	Prediction of disease	USN-8	As the admin, I will build a Machine Learning model topredict the disease	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH
Sprint-4	Final Delivery	USN-9	Deploy the application in IBM cloud and make it availablefor use.	10	High	BALAJI MAHENDRA SHAFI HIMAVANTH

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	11/11/2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	11/11/2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11/11/2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	11/11/2022

Velocity:
We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). The team's average velocity (AV) per iteration unit (story points per day)

AV = Sprint duration / velocity = 20 / 6 = 3.33

Burndown Chart