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

Date	26 October 2022
Team ID	PNT2022TMID41437
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 product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home page	USN-1	The user can enter into the home page	20	High	M. Gokul
Sprint-2	Prediction button	USN-2	User can use the prediction button to enter into the prediction page	20	High	K. Harikrishnan
Sprint-3	Prediction page	USN-3	The user will be presented with the prediction page where he can enter the values of report	10	Low	A. Sabari
Sprint-3		USN-4	User should enter the blood glucose parameters	10	Medium	R. Sakthivel
Sprint-4	Result	USN-5	The user will get the output	20	High	S. Vinoth

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Now 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

VELOCITY:

Imagine we have a 10 days 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 method login such as scrum However , burn down charts can be applied to any project containing measurable progress over time.