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

Date	31 October 2022
Team ID	PNT2022TMID49830
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard
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	Datasets	USN-1	As an analyst,I will develop code for data preparation and data description.	5	High	ANITHA B
Sprint-2	Cleaning, exploring data and creating model	USN-2	As an Analyst I will develop code for data exploration.	5	High	VANASUNDARI S
Sprint-3	Data visualization	USN-3	As an Analyst I can develop code for data visualization.	5	High	SWETHA P
Sprint-4	Data Prediction	USN-4	As a Data analyst, I will create code for different types of models in explored data	5	High	SARAVANAPRIYA R

Sprint Delivery Plan

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	10	5 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	5 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	5 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	5 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Imagine we have a 05-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = Sprint\ Duration/Velocity = 10/5 = 2$$

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.

Goal:60 hours in 5 days

Burndown Chart

90	
80	
70	
60	
50	
40	
30	
20	
10	
0	

Day 0   Day 1   Day 2   Day 3   Day 4   Day 5

—— Actual effort   —— Estimated effort