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

Date	22 October 2022
Team ID	PPNT2022TMID40507
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 a user, I can gather the details of the patients.	2	High	SATHISHKUMAR P
Sprint-1		USN-2	As an Analyst, I will check the data set and clean the dataset to create an efficient model.	3	High	RUKESH K
Sprint-1		USN-3	As an Analyst I will also correct the raw data and create a data module.	5	High	SIVASANKAR B, MD NOORULLAH A
Sprint-2	Cleaning, exploring data and creating model	USN-4	As an Analyst I can create an Exploratory data analysis to identify the important factors of patient data set	5	High	SATHISHKUMAR P, RUKESH K
Sprint-2		USN-5	As a Data analyst, I create a predicted model by also preparing story card with using explored data	5	High	SIVASANKAR B, MD NOORULLAH A
Sprint-3	Data Prediction	USN-6	As a Data analyst, I will create different types of models in explored data to identify	5	Medium	SATHISHKUMAR P, MD NOORULLAH A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			suitable model with effectively and efficiently.			
Sprint-3		USN-7	As a Data Analyst, I will analysis of the heart disease patient's datasets.	5	High	SATHISHKUMAR P
Sprint-4	Creation of deployed data UI	USN-8	As a Data analyst, I will create a heart disease prediction iterative dashboard.	5	High	SIVASANKAR B
Sprint-4		USN-9	As an Analyst, I will import my analysed model into suitable framework.	5	High	RUKESH K, MD NOORULLAH A

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