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

Date	22 October 2022
Team ID	PNT2022TMID06878
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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	Working with Dataset	USN-1	As a user, I can collect the details of the patients and store the data in a csv file. Uploading the csv file for heart disease prediction to IBM Cognos Analytics .	5	Medium	Srinithi B, Aarthi M V
Sprint-1		USN-2	As an analyst, I will check the dataset and clean it for null values and duplicates to get an efficient heart disease prediction model.	5	Medium	Alin Jeni C, Monika D
Sprint-1		USN-3	As an analyst I will also correct the raw data and create a data module for the dataset.	5	Medium	Alin Jeni C, Monika D
Sprint-2	Exploring and Visualizing the dataset using Cognos	USN-4	As an analyst, I will explore the dataset by visualizing in Cognos analytics.	5	Medium	Srinithi B, Aarthi M V
Sprint-2		USN-5	As an analyst, I will get the inference of the visualization of the dataset.	5	Medium	Alin Jeni C, Monika D
Sprint-3	Visualizing the dataset using story card, and python	USN-6	As an analyst, I will visualize the dataset using story card and python to get insights of the dataset.	5	Medium	Alin Jeni C, Monika D
Sprint-3	Creation of interactive Dashboard	USN-7	As an analyst, I can monitor the events and activities at a glance by providing key insights and analysis about the dataset.	5	Medium	Srinithi B, Aarthi M V
Sprint-4	Modelling & training the dataset	USN-8	As an analyst, I will use different modelling algorithm for training and testing the dataset and choose the algorithm which gives maximum accuracy for prediction.	10	High	Alin Jeni C, Monika D

Sprint-4	Creation of website	USN-9	I will create a website with My account button with Login\Sign up dropdown	10	High	Srinithi B, Aarthi M V
Sprint-4		USN-10	Include webpage for prediction	10	High	Alin Jeni C, Monika D
Sprint-4	Integration of Model and Website	USN-11	I will integrate the prediction model and the website using Flask framework	8	Medium	Srinithi B, Aarthi M V

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 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

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Burndown chart with Y-axis labeled "Effort" (0% to 90) and X-axis labeled Day 1 through Day 5. Legend: Actual Effort (blue), Estimated Effort (red).