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

Date	27 October 2022
Team ID	PNT2022TMID25381
Project Name	Project – Analytics for Hospital's Health-care Data
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	Registration	USN-1	As a user, I can register for the cognos analytics application by entering my email, password, and confirming my password.	10	High	Rohini Neena Shamna Siva sankari
Sprint-1	Data uploading	USN-2	As a user, I will be uploading my data into the cognos analytics	10	High	Rohini Siva sankari Shamna Sowndharya
Sprint-2	Data preparation	USN-3	As a user, I will be cleaning the data for analysis and creating a data module	5	High	Shmana Neena
Sprint-2	Data Analysis	USN-4	As a user, I will be performing analysis on the data for making predictions	5	High	Rohini Siva sankari
Sprint-2	Dashboards	USN-5	As a user, I will be making visualizations and interactive dashboards from the data	10	High	Neena Sowndharya
Sprint-3	Story	USN-6	As a user, I will be making stories from the data and the dashboards	20	High	Shamna Siva sankari

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Report	USN-7	As a user, I will be making a report from the analysis and dashboards	20	High	Siva sankari Rohini

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

Velocity:
Imagine we have a 10-day 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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$