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

Date	21 Nov 2022
Team ID	PNT2022TMID48047
Project Name	Project - Analytics for hospital's healthcare 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 application by entering my email, password, and confirming my password.	10	High	S.Ravichandran S.Kuraloviyan
Sprint-1	Data uploading	USN-2	As a user, I will be uploading my data into the cognos analytics	10	High	S.Ravichandran

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Data Analysis	USN-3	As a user, I will be performing analysis on the data for making predictions	5	High	J. Ezhil Raj
Sprint-2	Dashboards	USN-4	As a user, I will be making visualizations and interactive dashboards from the data	10	High	S.Ravichandran
Sprint-3	Story	USN-5	As a user, I will be making stories from the data and the dashboards	20	High	S.Ravichandran S.Kuraloviyan
Sprint-4	Report	USN-6	As a user, I will be making a report from the analysis and dashboards	20	High	S.Ravichandran K.Sivaraja

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	15 Nov 2022	15 Nov 2022	20	20 Nov 2022
Sprint-2	20	6 Days	16 Nov 2022	16 Nov 2022	20	20 Nov 2022
Sprint-3	20	6 Days	17 Nov 2022	17 Nov 2022	20	20 Nov 2022
Sprint-4	20	6 Days	18 Nov 2022	18 Nov 2022	20	20 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)

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

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.