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

Date	31 October 2022
Team ID	PNT2022TMID39445
Project Name	Project - Analytics for Hospitals' 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	External API	USN-1	Download the Dataset using Kaggle API (Upload reference dataset in kaggle)	2	High	Priyadharshini K, Koteeswaran V
Sprint-1	Database Connectivity	USN-2	Upload data and perform basic sql operation on IBM DB2 dataset then connect with IBM Cognos Analytics Platform	2	High	Priyadharshini K, Srikanth V
Sprint-1	Upload Data, Prepare Data Module	USN-3	Upload the datasets, Prepare the data modules and clean	2	High	Priyadharshini K , Vignesh E
Sprint-1	Exploratory Data Analysis	USN-4	Identify the trend in data with data exploration	2	High	Priyadharshini K, Srikanth V, Koteeswaran V
Sprint-2	Present Data - Dashborad	USN-5	Create Interactive Dashboards showing varies predictions	2	High	Priyadharshini K , Vignesh E, Srikanth V
Sprint-3	Generate Report	USN-6	Generates various Interactive Reports	2	High	Priyadharshini K. Srikanth V, Vignesh E
Sprint-3	Generate Story	USN-7	Create sophisticated mutli page Stories	2	High	Priyadharshini K , Vignesh E

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Embed IBM Cognos Analytics Platform Dashboard (Report,Story) to create a Web Application	USN-8	Create sophisticated mutli page stories	2	High	Priyadharshini K , Koteeswaran V. Srikanth 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	7 Days	24 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 Days	31 Oct 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	13 Nov 2022	20	13 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity

We have a 7-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)

$$AV = \text{sprint duration/velocity} = 20/7 = 2.85$$

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 90 hours in 7 days Burndown Chart