Sprint Schedule

Date	23 October 2022
Team ID	PNT2022TMID21137
Project Name	Project - Analytic for hospitals health care data
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation - 4 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Retrieve Data	USN-1	I should be able to extract the right kind of data that helps me in the analysis process.	15	High	Amsalakshmi B Saran K Sindhiya M Sudarasan M
Sprint-1	Visualize the data	USN- 2	I need nicely visualized dashboard representing LOS of patients	5	Medium	Amsalakshmi B Saran K Sindhiya M Sudarasan M

Sprint-2	Track of patient visit of Hospital	USN-3	Tracking a patient Health care over years of visit	5	Medium	Amsalakshmi B Saran K Sindhiya M Sudarasan M
Sprint -2	Dashboard Analysis	USN - 4	Build interactive dashboard to analyse the data in terms of Graph, plots etc.	15	High	Amsalakshmi B Saran K Sindhiya M Sudarasan M
Sprint- 3	Story Creation/Story Boarding	USN-5	I need the story animation of the data set with insights.	20	Medium	Amsalakshmi B Saran K Sindhiya M Sudarasan M
Sprint-4	LOS prediction	USN-6	To predict the length of stay of the patients as accurate as possible	10	High	Amsalakshmi B Saran K Sindhiya M Sudarasan M
Sprint-4	Using ML algorithm for Prediction	USN-7	As a user, I need prior knowledge of LOS can aid in logistics such as room and bed allocation planning.	`10	High	Amsalakshmi B Saran K Sindhiya M Sudarasan M

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).

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

xBurndown Chart: