

PROJECT PLANNING PHASE

Sprint Delivery Plan

Date	18.10.2022
Team ID	PNT2022TMID11392
Project Name	Analytics for Hospital's Healthcare Data

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dataset	USN-1	The user needs a complete data about the patients admitted in the hospital and a dataset should be prepared.	2	High	Sivakumar. M
Sprint-1	Data Exploration	USN-2	Data exploration is the first step of data analysis used to explore and visualize data to uncover insights from the start.	2	High	R.C. Shree Surya Prasad
Sprint-1	Secondary Exploration	USN-3	The secondary relationship of data is identified here	1	Low	R.C. Shree Surya Prasad
Sprint-2	Data Vizualization	USN-4	The patients data are graphically visualized for data verification and to know available resources	2	High	Sivakumar. T.K
Sprint-3	Dashboard	USN-5	The explored and visualized data are displayed in dashboard	2	High	Srivardhan. V
Sprint-4	Predictive Model	USN-6	The Predictive analysis on the data is performed by modelling the predictive model.	2	High	Srivardhan. V

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	4 Days	24 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint-2	20	6 Days	29 Oct 2022	03 Nov 2022	20	03 Nov 2022
Sprint-3	20	6 Days	04 Nov 2022	9 Nov 2022	20	9 Nov 2022
Sprint-4	20	8 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022

Velocity:

Imagine that we have 10 days of sprint duration and the team velocity is 20 then the average velocity of the project is (according to the story point)

$$\text{Average Velocity} = \frac{\text{Sprint Duration}}{\text{Velocity}}$$

$$= \frac{20}{10} = 2$$

BURN CHART:

BURNDOWN CHART			
Sprint	Date	Estimated Effort	Actual Effort
Sprint-1	24-Oct-22	20	20
	25-Oct-22	19	20
	26-Oct-22	18	19
	27-Oct-22	17	19
	28-Oct-22	17	18
Sprint-2	29-Oct-22	16	17
	30-Oct-22	15	15
	31-Oct-22	14	13
	01-Nov-22	13	12
	02-Nov-22	12	11
	03-Nov-22	11	11
Sprint-3	04-Nov-22	11	11
	05-Nov-22	10	9
	06-Nov-22	9	8
	07-Nov-22	8	7
	08-Nov-22	7	6
	09-Nov-22	6	6
Sprint-4	10-Nov-22	5	5
	11-Nov-22	5	5
	12-Nov-22	5	4
	13-Nov-22	4	3
	14-Nov-22	3	2
	15-Nov-22	2	2
	16-Nov-22	1	2
	17-Nov-22	1	1
	18-Nov-22	1	1

