

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID40524
Project Name	Project -Analytics for Hospitals Healthcare data
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

User Type	Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Customer (Patient)	Sprint-1	Datasets	USN-1	As a user, I can enter the details of the patients working in our organisation of the detail	2	High	S.Vijay Vignesh
Analyst	Sprint-1		USN-2	As a Analyst, I will check the data set and clean the dataset to create an efficient model .	1	High	B.Karhik Varun
	Sprint-1		USN-3	As an Analyst I will also correct the raw data and create a data module	2	Medium	R.Kamalesh
	Sprint-2	Cleaning, Exploring data and creating model	USN-4	As an Analyst I can create a Exploratory data analysis to identify the important factors of patient data set	2	High	B.Karhik Varun
	Sprint-2		USN-5	As a Data analyst, I create a predicted model by also preparing story card with using explored data	1	High	T.Avinash
	Sprint-3	Data Prediction	USN-6	As a Data analyst, I will create different types of models in explored data to identify suitable	5	High	R.Kamalesh

User Type	Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
				model with effectively and efficiently			
Admin	Sprint-4	Creation of deployed data UI	USN-7	As an Analyst, I will import my analysed model into suitable framework	2	High	T.Avinash
	Sprint-4		USN-8		5	High	R.Kamalesh

Sprint Delivery Plan

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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	15	5 Days	24 Oct 2022	29 Oct 2022	15	29 Oct 2022
Sprint-2	15	5 Days	31 Oct 2022	05 Nov 2022	15	05 Nov 2022
Sprint-3	15	5 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	15	5 Days	14 Nov 2022	19 Nov 2022	15	19 Nov 2022

Velocity:

We have a 5-day sprint duration, and the velocity of the team is 15 (points per sprint). The team's average velocity (AV) per iteration unit (story points per day)

$$\text{Actual Velocity} = \text{Sprint Duration} / \text{Velocity} = 15/5 = 3$$

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.

