

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID45493
Project Name	Project - Analytics 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Elaiyabharathi, Yogeshwaran
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Yogeshwaran, Elaiyabharathi
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Nishanthi, Yogesh Kannan
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	Medium	Yogesh Kannan, Yogeshwaran
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	4	High	Yogeshwaran, Nishanthi
Sprint-1		USN-6	As a user, I can solve my issue with login or register	5	High	Elaiyabharathi, Yogesh Kannan
Sprint-2	Data Preparation	USN-7	As a user, I can upload dataset to the platform	8	High	Nishanthi, Elaiyabharathi
Sprint-2		USN-8	As a user, I can done various operations with the dataset	3	Low	Yogesh Kannan, Yogeshwaran
Sprint-2		USN-9	As a user i can extract, transform and load the data	9	High	Nishanthi, Yogesh Kannan
Sprint-3	Data Visualization	USN-10	As a user, I can visualization of the given data to understand data easily	6	Medium	Yogesh Kannan, Yogeshwaran
Sprint-3		USN-11	As a user, I can predict given problem with the dataset	4	Low	Elaiyabharathi, Nishanthi
Sprint-3	Dashboard	USN-12	As a user, I can create interactive dashboard by visualization of the data	10	High	Yogeshwaran, Nishanthi
Sprint-4	Predict LOS	USN-13	As a user, I can predict the patient's length of stay by the visualization	12	High	Yogesh Kannan, Nishanthi
Sprint-4	Analyse and Decision making	USN-14	As a user, I can analyse and make decisions with the visualizations	8	Medium	Elaiyabharathi, Yogeshwaran

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:

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

Burndown Chart:

