

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	Release	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Customer (Patient)	Sprint-1	Registration	USN-1	As a user, I can register by entering my email ,phone number ,Date of birth , password ,and confirm password.	2	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun
	Sprint-1		USN-2	As a user, I will receive confirmation message in my email once I have registered or OTP will be sent.	1	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun
	Sprint-2		USN-3	As a user, I can register through Gmail.	2	Medium	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun
	Sprint-1	Login	USN-4	As a user, I can log in by entering email & password.	2	High	S.Vijay Vignesh, R.Kamalesh,

User Type	Release	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
							T.Avinash, B.Karhik Varun
	Sprint-2	Forgot password	USN-5	As a user, If i forgot my password, by clicking forgot password an OTP is sent to user.	1	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik V
				My number or email,phone number.			
	Sprint-3	Data collection	USN-6	As a user, I can upload the input data set to diagnose.	5	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun
Admin	Sprint-4	Login	USN-1	As an admin, I can login by using email id and password.	2	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun
	Sprint-4	Data collection	USN-2	As an admin, I can upload the data set to explore data	5	High	S.Vijay Vignesh, R.Kamalesh, T.Avinash, B.Karhik Varun

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.

