

Project Planning Phase

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

Date	27 October 2022
Team ID	PNT2022TMID28768
Project Name	Visualizing And Predicting Heart Diseases with An Interactive Dashboard

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Team Members
Sprint1	Registration	USN-1	As a user, I can register for the Cognos Analytics by entering Email, password, and confirm password.	I can access my account / dashboard.	10	High	Raju,Uday,Madhu,Jayanth
		USN-2	As a user, I can register for the application through Gmail.	I can register & access the dashboard with gmail login.	10	High	Raju,Uday,Madhu,Jayanth
Sprint-2	Login	USN-3	After Registration Login page will appear, the user can login using the login credentials.	I can register & access the dashboard with gmail login.	20	High	Raju,Uday,Madhu,Jayanth
Sprint3	Cognos Dashboard	USN-4	The user is allowed to view or update his/her profile.	I can see the profile.	10	Medium	Raju,Uday,Madhu,Jayanth

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		USN-5	The user can change the password.	I am able to change the password.	10	Medium	Raju,Uday,Madhu,Jayanth
Sprint-4	Classified result	USN-6	Home - Analyse your Heart.	I can predict the heart condition.	5	High	Raju,Uday,Madhu,Jayanth
		USN-7	The user will have to fill in the 13 required fields for the system to predict a heart disease.	As a user, I can enter the datas in the specified fields.	10	High	Raju,Uday,Madhu,Jayanth
		USN8	The report is generated based on the condition.	The user is able to view or download the report.	5	Medium	Raju,Uday,Madhu,Jayanth

Project Tracker, Velocity & Burn down 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	28 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	02 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	09 Nov 2022

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	16 Nov 2022
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Velocity:

Imagine we have a 5-day sprint duration, and the velocity of the team is 10 (points per sprint).
Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint duration} / \text{velocity} = 10/5 = 2$$

Burndown chart:

