

## Project Planning Phase

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

Date	04-November 2022
Team ID	PNT2022TMID26111
Project Name	Project - Visualizing And Predicting Heart Diseases With An Interactive Dashboard.
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 web page by entering my email, password, and confirming my password.	3	High	Swetha B Sneha R Santhiya G Poornisha L
Sprint-1	Authentication	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	3	High	Swetha B Sneha R Santhiya G Poornisha L
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail.	2	Medium	Swetha B Sneha R Santhiya G Poornisha L
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password.	3	High	Swetha B Sneha R Santhiya G Poornisha L

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	Dashboard	USN-5	On entering the registered email id,I can access the dashboard.	3	High	Swetha B Sneha R Santhiya G Poornisha L
Sprint-1	Support	USN-6	If I face any issues,then I can report it to their email address.	2	Medium	Swetha B Sneha R Santhiya G Poornisha L
Sprint-2	Accessing dashboard	USN-7	The user uses his/her personal email id to access the dashboard	4	Medium	Swetha B Sneha R Santhiya G Poornisha L
Sprint-2	Prediction Page	USN-8	The user can view the prediction.	6	High	Swetha B Sneha R Santhiya G Poornisha
Sprint-3	Validation	USN-9	The administrator will be able to login with their login IDs.	6	High	Swetha B Sneha R Santhiya G Poornisha L
Sprint-4	Result	USN-10	The user will get the output.	6	High	Swetha B Sneha R Santhiya G Poornisha

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	16	6 Days	24 Oct 2022	29 Oct 2022	16	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	06	6 Days	07 Nov 2022	12 Nov 2022	06	12 Nov 2022
Sprint-4	06	6 Days	14 Nov 2022	19 Nov 2022	06	19 Nov 2022

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint duration} / \text{Velocity}$$

$$\text{Sprint-1} = 16 / 6 = 2.6$$

$$\text{Sprint-2} = 10 / 6 = 1.6$$

$$\text{Sprint-3} = 6 / 6 = 1$$

$$\text{Sprint-4} = 6 / 6 = 1$$

### Burndown Chart:

A burndown 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.

## Burn Down Chart

