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

Date	22 October 2022
Team ID	PNT2022TMID30513
Project Name	Project - Visualizing and predicting heart disease 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 application by entering my email, password, and confirming my password.	5	High	P.Divya
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	P.Divya
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	P.Divya
Sprint-1		USN-4	As a user, I can register for the application through Google	2	Medium	R.Ponmalar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	R.Ponmalar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Dashboard	USN-6	As a User, I can view my complete medical analysis & accuracy and prediction of heart disease in a dashboard	5	High	R.Ponmalar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	User entry	USN-7	As a User, I can enter my personal details for analysis	3	High	R.Ponmalar
Sprint-2		USN-8	As a User, I can entry my medical records & symptoms	3	High	R.Tamilarasi
Sprint-3	User profile	USN-9	As a user, I can update the health details of users.	5	High	R.Tamilarasi
Sprint-3	Helpdesk	USN-10	As a user, I can post my queries & view the frequently asked question (FAQ)	5	High	R.Tamilarasi
Sprint-3		USN-11	As an admin, I can view the user queries	3	High	R.Sowmiya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Rating	USN-12	As a user, I can rate the app and give feedback	2	Low	R.Sowmiya
Sprint-4	User profile	USN-13	As an admin, I can update the health details of users.	5	High	R.Sowmiya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-14	As an admin, I can add or delete users.	3	High	R.Sowmiya
Sprint-4		USN-15	As an admin, I can manage the user details.	3	High	R.Sowmiya

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

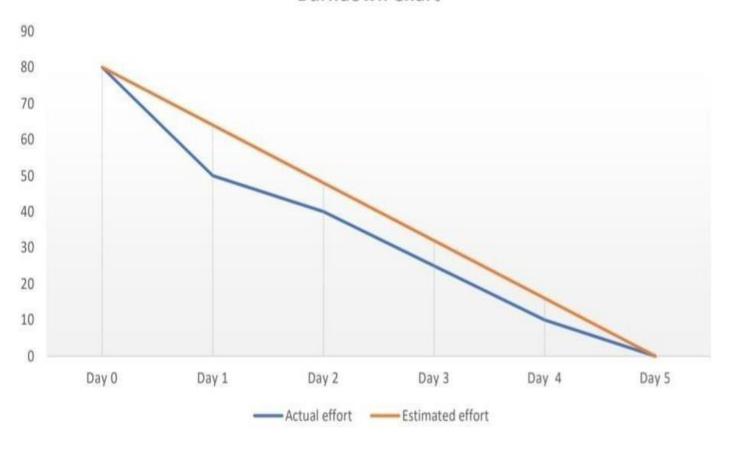| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	13	6 Days	24 Oct 2022	29 Oct 2022	13	29 Oct 2022
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022	13	05 Nov 2022
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022	13	12 Nov 2022
Sprint-4	13	6 Days	14 Nov 2022	19 Nov 2022	13	19 Nov 2022

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 13 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)
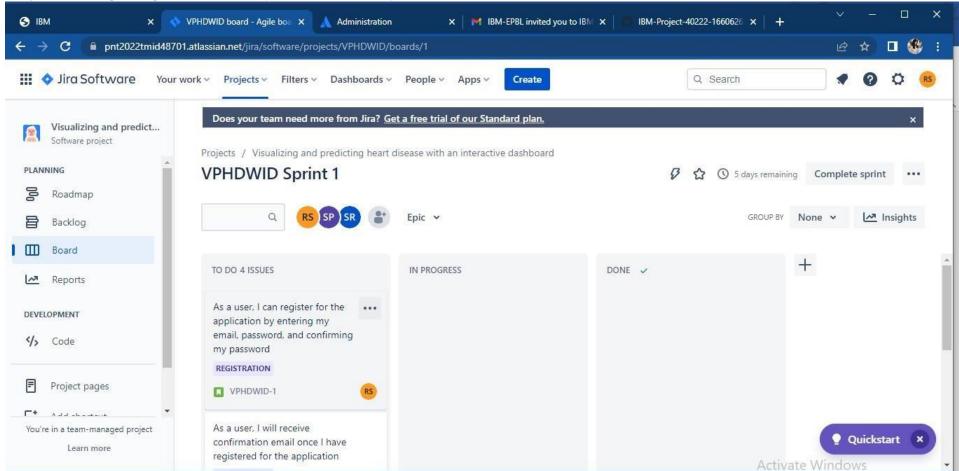
$$AV = Sprint\ duration/Velocity = 13/6 = 2.16$$

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.
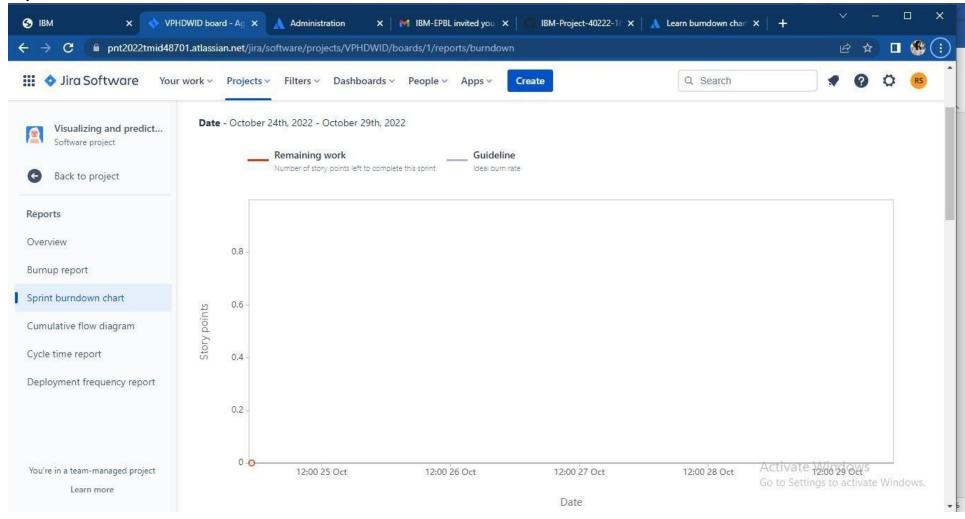
Burndown Chart

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5

Actual effort ——— Estimated effort

Project tracking using Jira software: (tool-Jira software)

Report Burndown chart :

Report Burnup chart :