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

Date	11 November 2023
Team ID	593524
Project Name	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	Viewing of Reports	USN-1	As a patient, I want to view my heart disease risk score.	10	Medium	Manjunath
Sprint-2	Analyzing Reports	USN-2	As a doctor, I want to access and review my patient's heart disease risk scores and reports.	5	High	Manjunath
Sprint-2	Analyzing Reports	USN-3	As a data analyst, I want to analyze heart disease risk data for research purposes.	5	Medium	Harsha
Sprint-3	Manage Users	USN-4	As an admin, I want to manage user accounts and access control.	5	High	Kesav
Sprint-3	Manage Users	USN-5	As a user, I want to interact with dashboard	5	Medium	Kesav
Sprint-4	Monitoring Patient Data	USN-6	As a caregiver, I want to monitor the health data of the patient I care for	10	High	Harsha

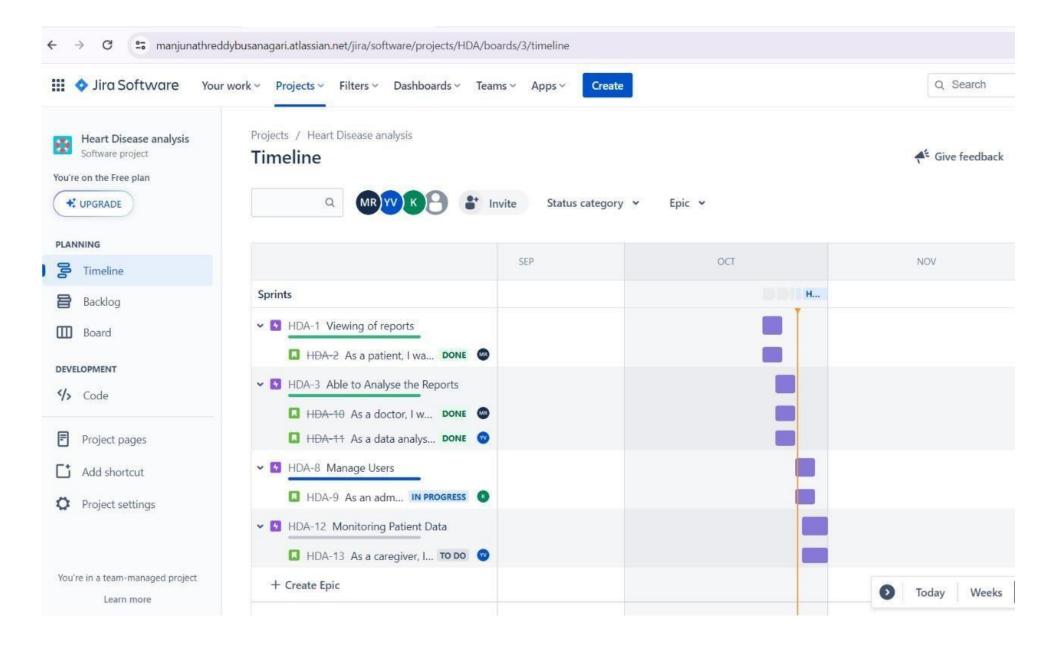
## **Project Tracker, Velocity & Burndown Chart: (4 Marks)**

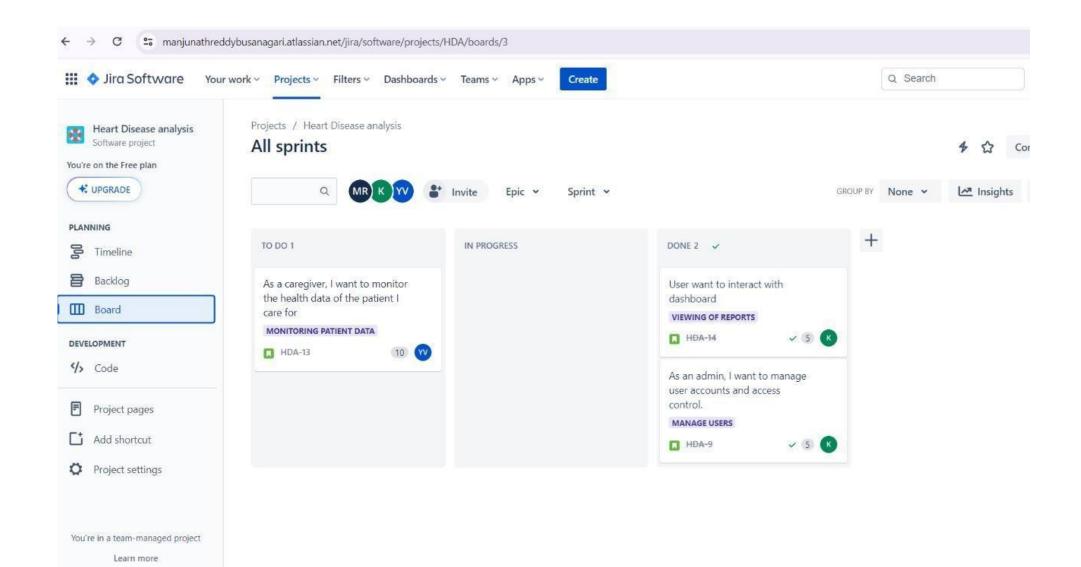
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	3 Days	22 Oct 2023	24 Oct 2023	10	24 Oct 2023
Sprint-2	10	2 Days	25 Oct 2023	26 Oct 2023	10	26 Oct 2023
Sprint-3	10	2 Days	27 Oct 2023	28 Oct 2023	10	27 Oct 2023
Sprint-4	10	3 Days	29 Oct 2023	31 Oct 2023	10	31 Oct 2023

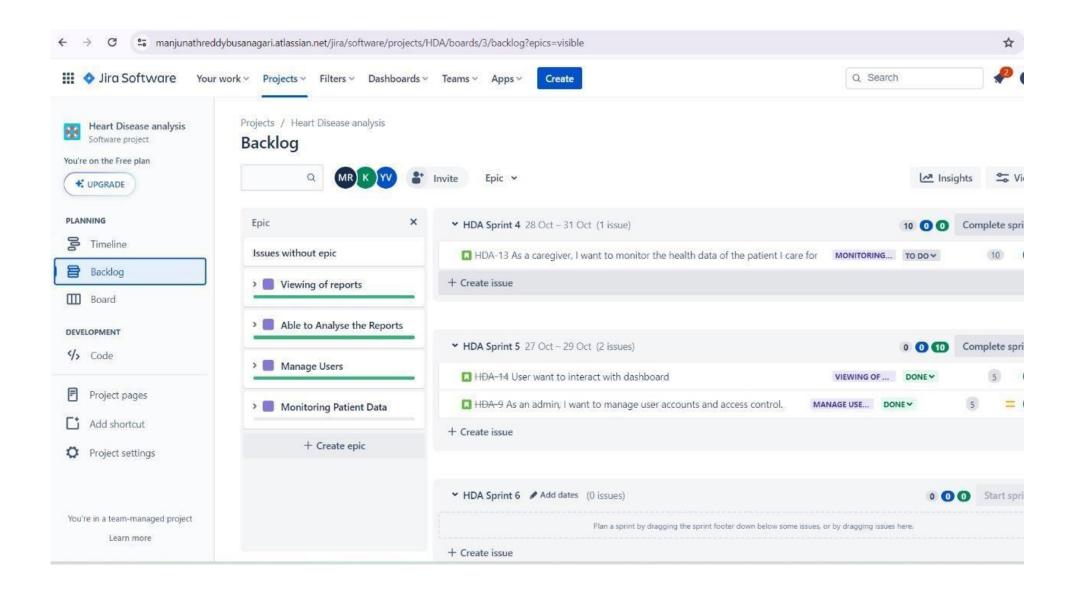
## Velocity:

AV = Sprint duration / velocity = (10/3 + 10/2 + 10/2 + 10/3) / 4 = 4.15

#### Jira Software:

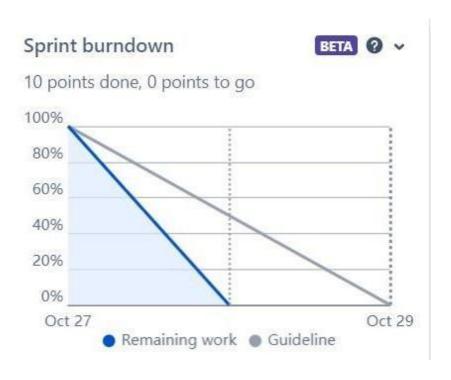






#### **Burndown Chart:**

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.



https://www.visual-paradigm.com/scrum/scrum-burndown-chart

/ https://www.atlassian.com/agile/tutorials/burndown-charts

#### Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-softwar

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https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

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https://www.atlassian.com/agile/tutorials/burndown-charts