

Project Planning Phase

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

Date	27 October 2023
Team ID	591246
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:

$$AV = \text{Sprint duration} / \text{velocity} = (10/3 + 10/2 + 10/2 + 10/3) / 4 = 4.15$$

Jira Software:

Jira Software

Your work

Projects

Filters

Dashboards

Teams

Apps

Create

Q

Search

Heart Disease analysis

Software project

You're on the Free plan

UPGRADE

PLANNING

Timeline

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Heart Disease analysis

Timeline

Give feedback

Q

MR

YV

K

Invite

Status category

Epic

	SEP	OCT	NOV
Sprints			H...
▼ HDA-1 Viewing of reports			
HDA-2 As a patient, I wa... DONE MR			
▼ HDA-3 Able to Analyse the Reports			
HDA-10 As a doctor, I w... DONE MR			
HDA-11 As a data analys... DONE YV			
▼ HDA-8 Manage Users			
HDA-9 As an adm... IN PROGRESS K			
▼ HDA-12 Monitoring Patient Data			
HDA-13 As a caregiver, I... TO DO YV			
+ Create Epic			

>

Today

Weeks

Heart Disease analysis
Software project

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All sprints

⚡ ☆ Cor

Q

MR K YV

Invite

Epic ▾

Sprint ▾

GROUP BY None ▾

Insights

TO DO 1

As a caregiver, I want to monitor the health data of the patient I care for

MONITORING PATIENT DATA

HDA-13

10

YV

IN PROGRESS

DONE 2 ✓

User want to interact with dashboard

VIEWING OF REPORTS

HDA-14

✓ 5

K

As an admin, I want to manage user accounts and access control.

MANAGE USERS

HDA-9

✓ 5

K

Heart Disease analysis
Software project

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Learn more

Projects / Heart Disease analysis

Backlog

Search

MR K YV

Invite

Epic

Insights

View

Epic

Issues without epic

> Viewing of reports

> Able to Analyse the Reports

> Manage Users

> Monitoring Patient Data

+ Create epic

HDA Sprint 4 28 Oct – 31 Oct (1 issue)

10 0 0 Complete sprint

HDA-13 As a caregiver, I want to monitor the health data of the patient I care for

MONITORING...

TO DO

10

+ Create issue

HDA Sprint 5 27 Oct – 29 Oct (2 issues)

0 0 10 Complete sprint

HDA-14 User want to interact with dashboard

VIEWING OF ...

DONE

5

HDA-9 As an admin, I want to manage user accounts and access control.

MANAGE USE...

DONE

5

+ Create issue

HDA Sprint 6 Add dates (0 issues)

0 0 0 Start sprint

Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here.

+ Create issue

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.

Sprint burndown

BETA ? v

10 points done, 0 points to go



<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-software>

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

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

<https://www.atlassian.com/agile/project-management/estimation>

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