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

Date	18 October 2022
Team ID	PNT2022TMID02746
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	8 Marks

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	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	Manish.P, Mohammed Safwan.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Manish.P, Mohammed Safwan.S
Sprint-1		USN-3	As a user, I can register for the application through Outlook	4	Low	Manish.P, Mohammed Safwan.S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	4	Low	Manish.P, Mohammed Safwan.S
Sprint-1	Login	USN-5	As a user, I can log into the website by entering email & password	5	High	Manish.P, Mohammed Safwan.S
Sprint-2	Homepage	USN-6	As a user, I can check the treatment options	5	High	Liju Daniel.M, Mohamed Afsal.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-7	As a user, I can check the causes of heart diseases	5	High	Liju Daniel.M, Mohamed Afsal.S
Sprint-2		USN-8	As a user, I can check the risk factors	5	High	Liju Daniel.M, Mohamed Afsal.S
Sprint-2		USN-9	As a user, I can check the prevention tips	5	Medium	Liju Daniel.M, Mohamed Afsal.S
Sprint-3	Prediction Tool	USN-10	As a user, I can predict if I have heart disease or not	10	High	Mohammed Safwan.S, Mohamed Afsal.S
Sprint-3		USN-11	As a user, I can save the results	10	Low	Mohammed Safwan.S, Mohamed Afsal.S
Sprint-4		USN-12	As a user, I can see the dashboard	20	Medium	Manish.P, Liju Daniel.M, Mohammed Safwan.S, Mohamed Afsal.S
Sprint-1	Portal	USN-13	As an administrator, I can see the registered users	5	Low	Mohammed Safwan.S, Mohamed Afsal.S

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

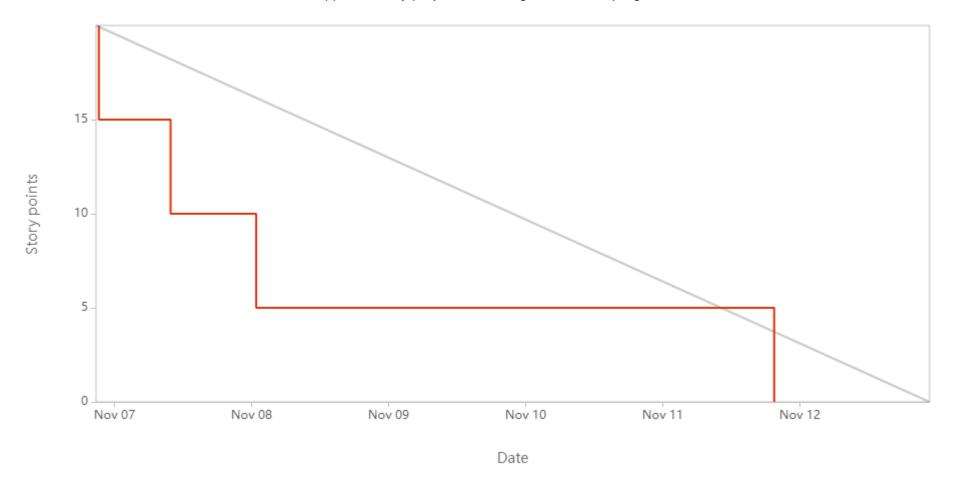| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Velocity is a metric that predicts how much work an Agile software development team can successfully complete within a two-week sprint (or similar time-boxed period). Velocity is a useful planning tool for estimating how fast work can be completed and how long it will take to complete a project.
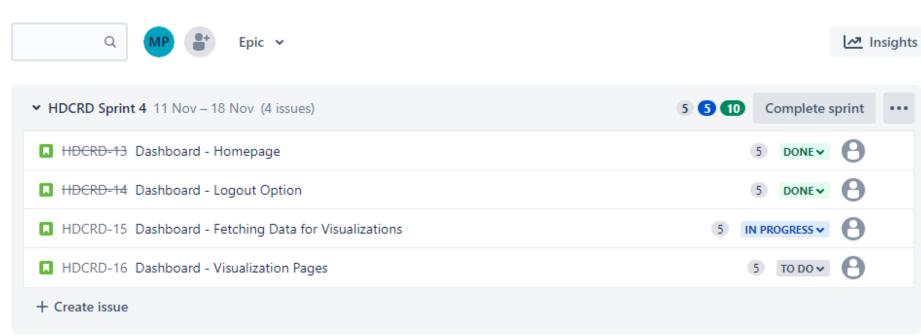
Average velocity = Total story points/ No. of iterations = 80/4 = 20

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.

Backlog

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Epic ⌄   Insights

⌄ **HDCRD Sprint 4** 11 Nov – 18 Nov (4 issues)   5 5 10   Complete sprint   ···

📗 ~~HDCRD-13~~ Dashboard - Homepage   5   DONE ⌄   👤

📗 ~~HDCRD-14~~ Dashboard - Logout Option   5   DONE ⌄   👤

📗 HDCRD-15 Dashboard - Fetching Data for Visualizations   5   IN PROGRESS ⌄ 👤

📗 HDCRD-16 Dashboard - Visualization Pages   5   TO DO ⌄   👤

＋ Create issue

Roadmap

Give feedback   Share   Export   ...

Status category ⌄   Epic ⌄

	NOV				NOV							NOV						
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Sprints

Sprint 2   HDCRD Sprint 3   **HDCRD Sprint 4**

⚡ HDCRD-17 Create dashboard homepage

⚡ HDCRD-18 Create logout option

⚡ HDCRD-19 Fetch data for visualizations

⚡ HDCRD-20 Display visualizations

\+ Create Epic

Today   **Weeks**   Months   Quarters

HDCRD Sprint 2

0 days remaining   **Complete sprint**   ...

GROUP BY   None ⌄   📈 Insights

TO DO	IN PROGRESS	DONE 4 ISSUES ✓
		Treatment options section 🔖 HDCRD-5 ✓ 5
		FAQs section 🔖 HDCRD-8 ✓ 5
		Causes section 🔖 HDCRD-6 ✓ 5
		Prevention tips section 🔖 HDCRD-7 ✓ 5