

## 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-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
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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-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:**

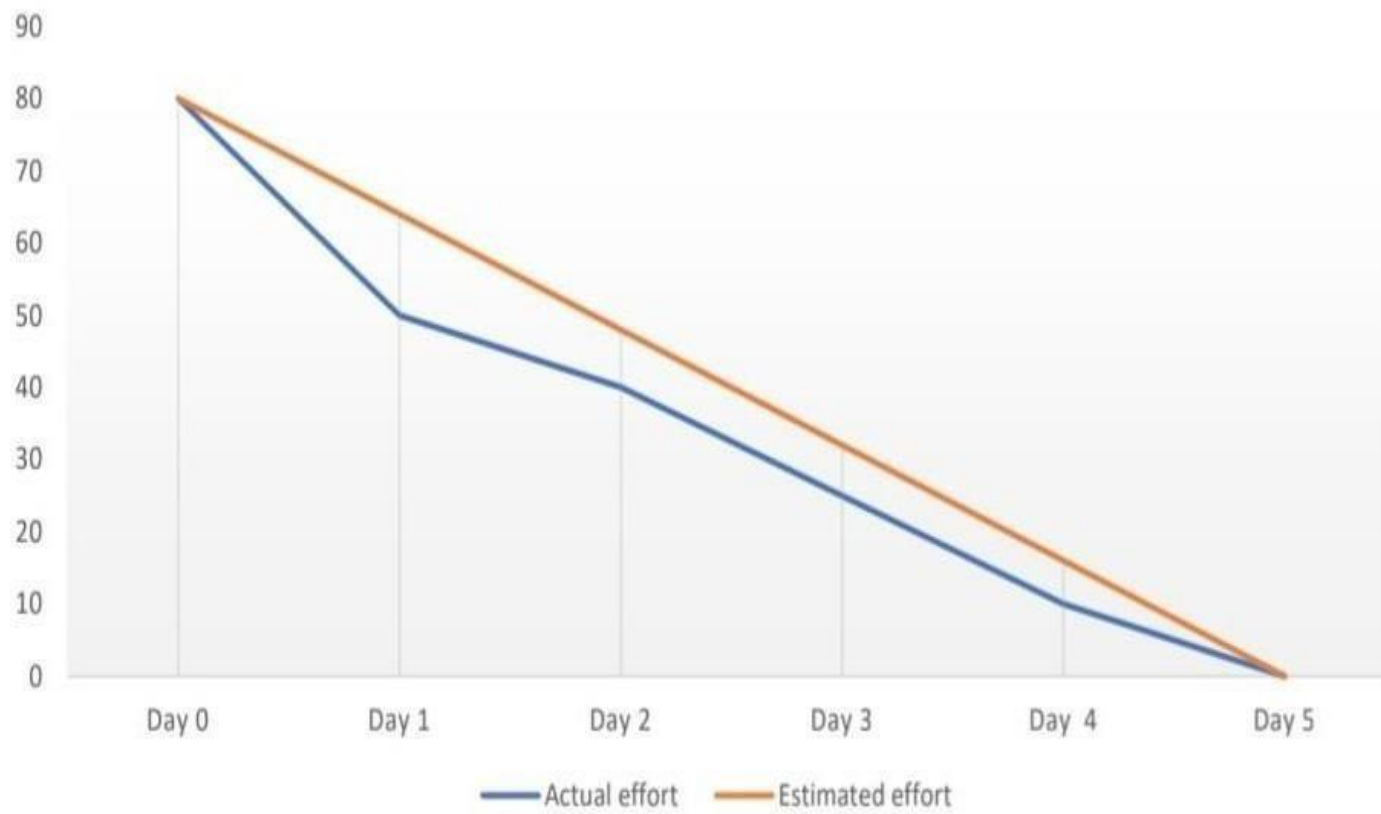
Imagine we have a 6-day sprint duration, and the velocity of the team is 13 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$\text{AV} = \text{Sprint duration} / \text{Velocity} = 13 / 6 = 2.16$$

**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



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

The screenshot displays the Jira Software interface for a project named 'VPHDWID'. The browser address bar shows the URL: `pnt2022tmid48701.atlassian.net/jira/software/projects/VPHDWID/boards/1`. The top navigation bar includes 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', and a 'Create' button. A search bar is also present.

On the left sidebar, the 'Board' option is selected under the 'PLANNING' section. Other options include 'Roadmap', 'Backlog', 'Reports', 'Code', and 'Project pages'. A message at the bottom of the sidebar states: 'You're in a team-managed project. Learn more'.

The main content area shows the 'VPHDWID Sprint 1' board. At the top, there's a banner: 'Does your team need more from Jira? Get a free trial of our Standard plan.' Below this, the breadcrumb 'Projects / Visualizing and predicting heart disease with an interactive dashboard' is visible. The board title 'VPHDWID Sprint 1' is followed by a lightning bolt icon, a star icon, a clock icon indicating '5 days remaining', and a 'Complete sprint' button. There are also three dots for more options.

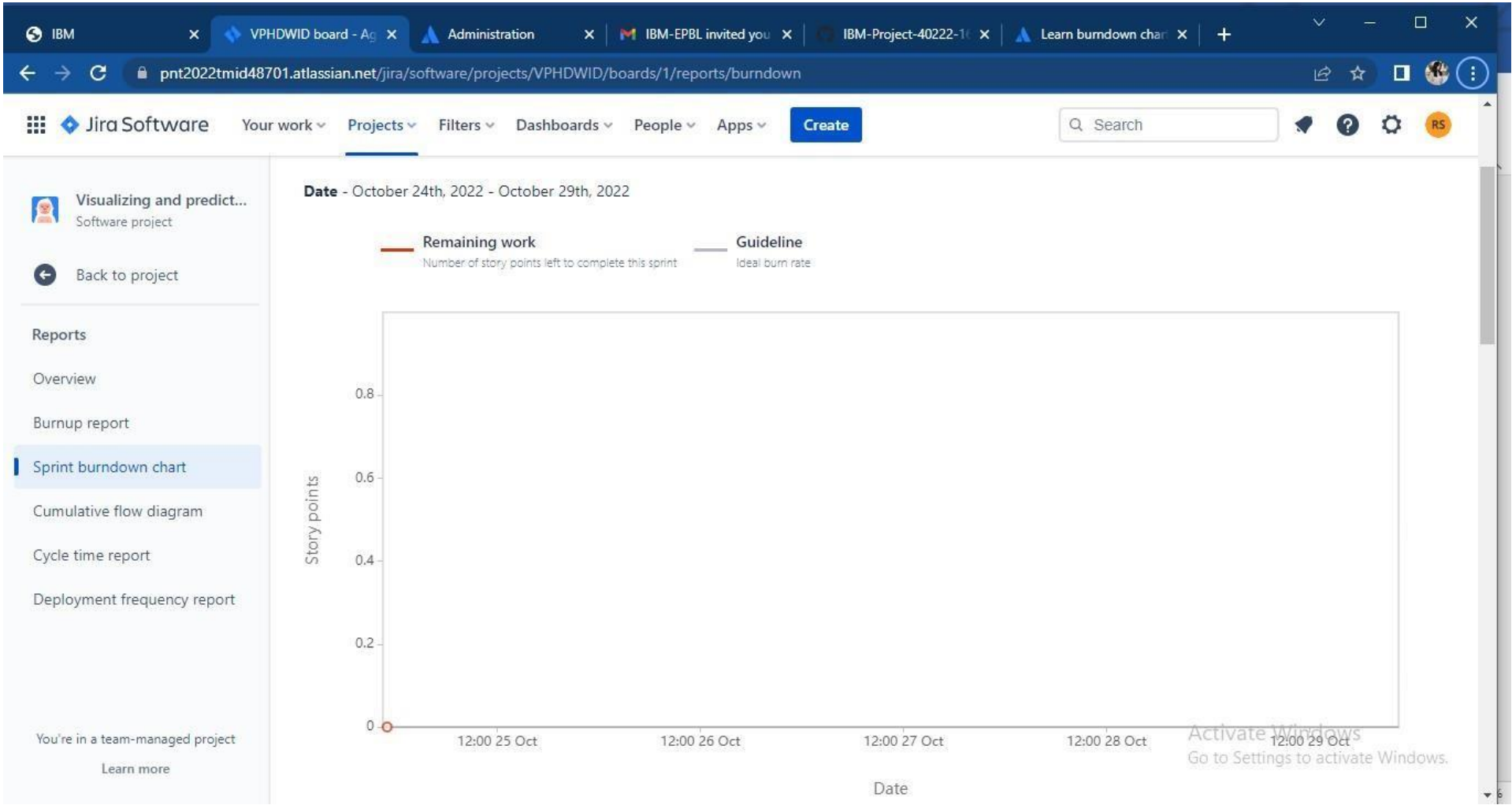
The board is organized into columns: 'TO DO 4 ISSUES', 'IN PROGRESS', and 'DONE ✓'. A search bar and filters (RS, SP, SR) are located above the columns. The 'GROUP BY' dropdown is set to 'None', and an 'Insights' button is available. A '+ ' button is present to the right of the 'DONE' column.

In the 'TO DO' column, there are two issues:

- Issue 1: 'As a user, I can register for the application by entering my email, password, and confirming my password'. It has a 'REGISTRATION' label and is associated with 'VPHDWID-1'.
- Issue 2: 'As a user, I will receive confirmation email once I have registered for the application'.

A 'Quickstart' button with a lightbulb icon and a close button (X) is located at the bottom right of the board area. An 'Activate Windows' watermark is visible in the bottom right corner of the screen.

Report Burndown chart :



## Report Burnup chart :

