

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID43181
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	C.Rajasekar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	C.Rajasekar
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	C.Rajasekar
Sprint-1		USN-4	As a user, I can register for the application through Google	2	Medium	C.Rajasekar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	C.Rajasekar
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	C.Rajasekar

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	C.Rajasekar
Sprint-2		USN-8	As a User, I can entry my medical records & symptoms	3	High	C.Rajasekar
Sprint-3	User profile	USN-9	As a user, I can update the health details of users.	5	High	M.Utchimakali
Sprint-3	Helpdesk	USN-10	As a user, I can post my queries & view the frequently asked question (FAQ)	5	High	M.Utchimakali
Sprint-3		USN-11	As an admin, I can view the user queries	3	High	M.Utchimakali
Sprint-4	Rating	USN-12	As a user, I can rate the app and give feedback	2	Low	M.Utchimakali
Sprint-4	User profile	USN-13	As an admin, I can update the health details of users.	5	High	M.Utchimakali

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	M.Utchimakali
Sprint-4		USN-15	As an admin, I can manage the user details.	3	High	M.Utchimakali

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

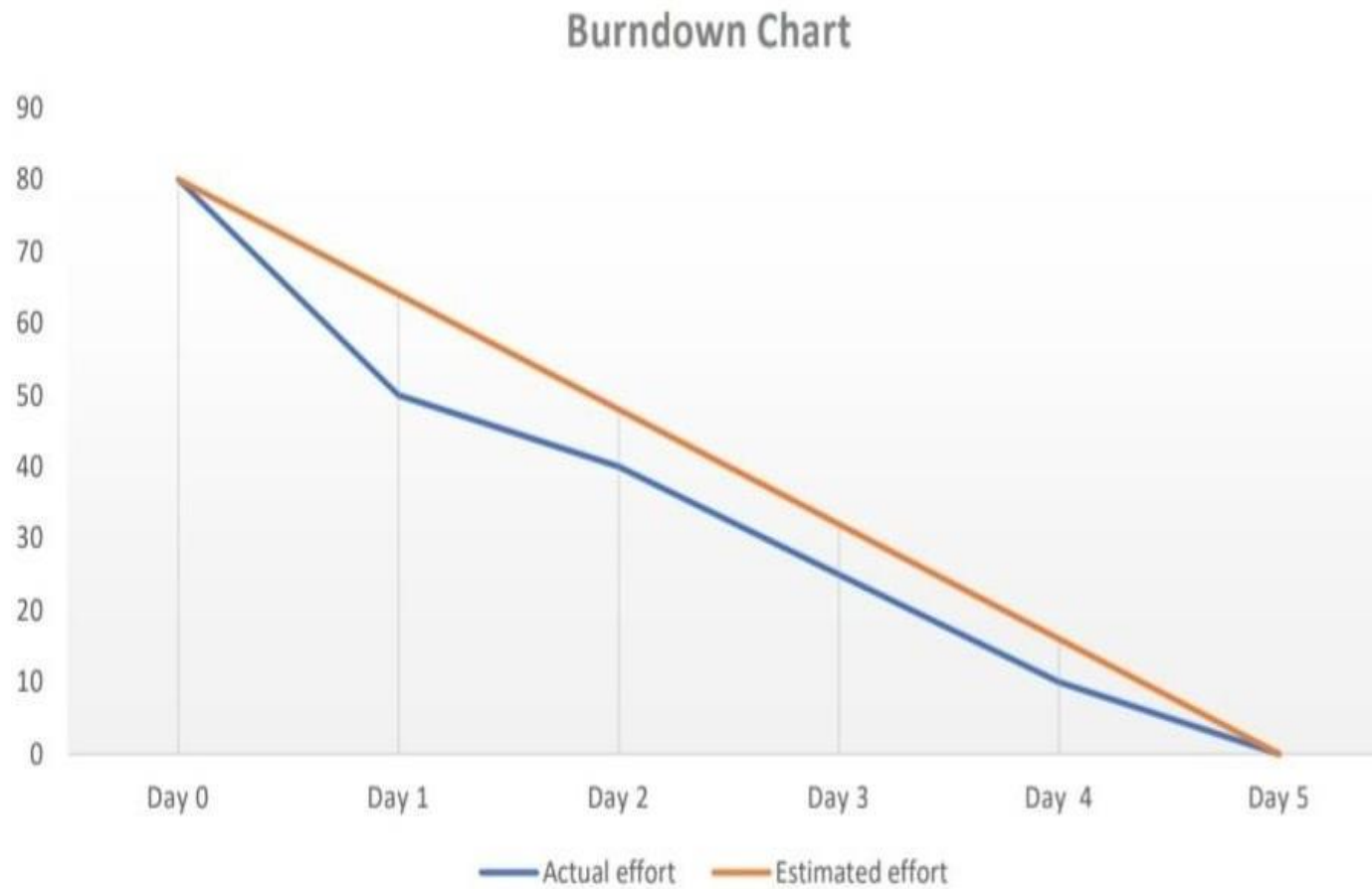
Velocity:

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)

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

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.



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

The screenshot displays the Jira Software interface for a project named 'Visualizing and predicting heart disease with an interactive dashboard'. The main view is a Kanban board for 'VPHDWID Sprint 1', which is currently in progress and has 5 days remaining. The board is organized into three columns: 'TO DO 4 ISSUES', 'IN PROGRESS', and 'DONE'. The 'TO DO' column contains two issues: 'As a user, I can register for the application by entering my email, password, and confirming my password' (labeled 'REGISTRATION' and 'VPHDWID-1') and 'As a user, I will receive confirmation email once I have registered for the application'. The 'IN PROGRESS' and 'DONE' columns are currently empty. The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Reports, Code, and Project pages. The top navigation bar includes the Jira Software logo, project name, and various filters and dashboards. A 'Quickstart' button is visible in the bottom right corner.

IBM | VPHDWID board - Agile boe | Administration | IBM-EPBL invited you to IBM | IBM-Project-40222-1660626

pnt2022tmid48701.atlassian.net/jira/software/projects/VPHDWID/boards/1

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Visualizing and predict... Software project

PLANNING

- Roadmap
- Backlog
- Board
- Reports

DEVELOPMENT

- Code

Project pages

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Projects / Visualizing and predicting heart disease with an interactive dashboard

VPHDWID Sprint 1

5 days remaining | Complete sprint

GROUP BY: None | Insights

TO DO 4 ISSUES

- As a user, I can register for the application by entering my email, password, and confirming my password
- REGISTRATION
- VPHDWID-1

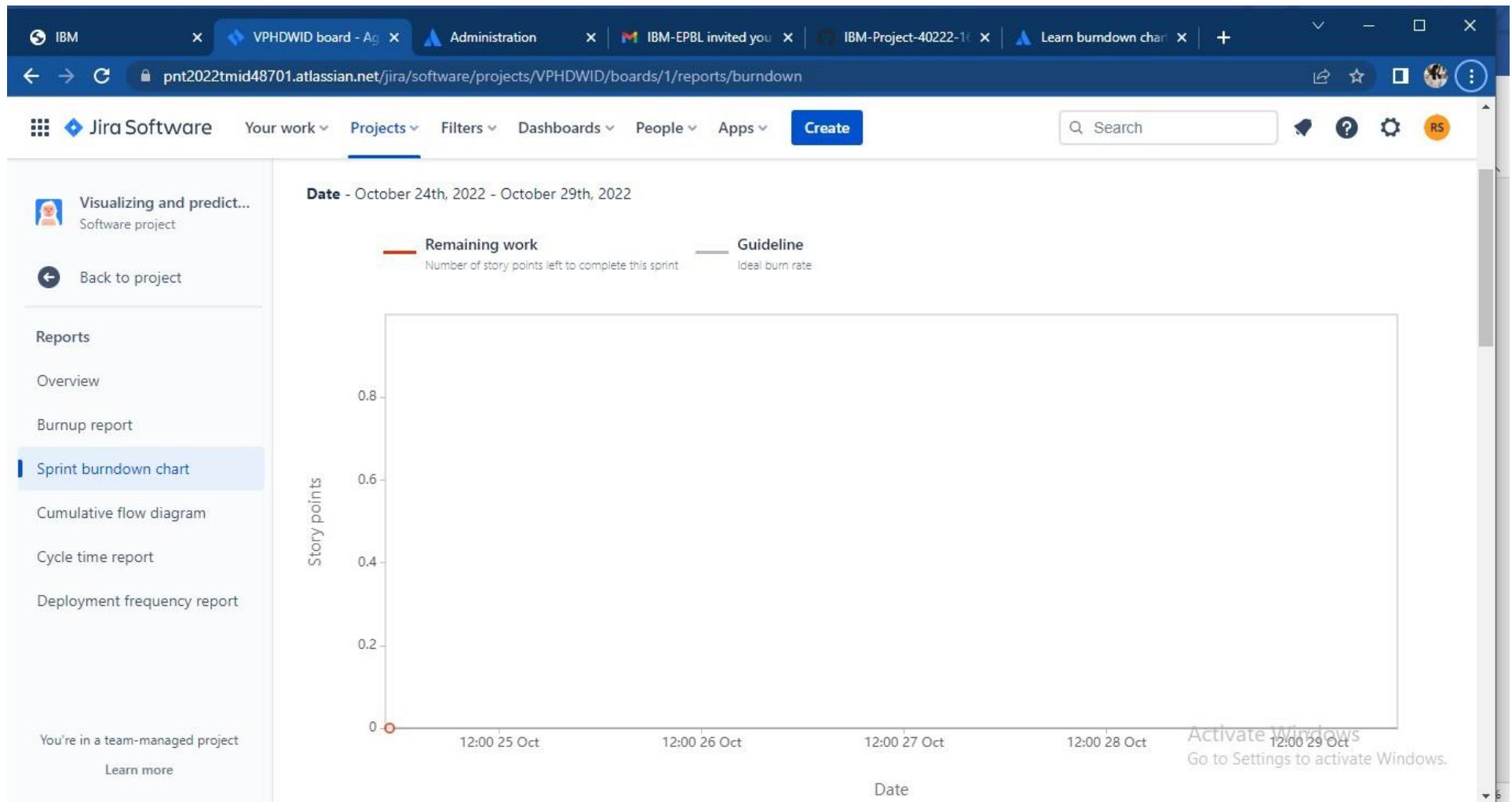
IN PROGRESS

DONE

Quickstart

Activate Windows

Report Burndown chart :



Report Burnup chart :

