

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID48701
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	Rishwana Burveen S, Sasmitha Parveen K, Shiny Reshma J
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Rishwana Burveen S, Sasmitha Parveen K
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Shiny Reshma J, Soundharya S
Sprint-1		USN-4	As a user, I can register for the application through Google	2	Medium	Shiny Reshma J, Soundharya S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Rishwana Burveen S, Sasmitha Parveen K
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	Rishwana Burveen S, Sasmitha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Parveen K, Shiny Reshma J, Soundharya S
Sprint-2	User entry	USN-7	As a User, I can enter my personal details for analysis	3	High	Rishwana Burveen S, Sasmitha Parveen K, Shiny Reshma J, Soundharya S
Sprint-2		USN-8	As a User, I can entry my medical records & symptoms	3	High	Rishwana Burveen S, Sasmitha Parveen K, Shiny Reshma J, Soundharya S
Sprint-3	User profile	USN-9	As a user, I can update the health details of users.	5	High	Rishwana Burveen S, Sasmitha Parveen K, , Soundharya S
Sprint-3	Helpdesk	USN-10	As a user, I can post my queries & view the frequently asked question (FAQ)	5	High	Rishwana Burveen S, Shiny Reshma J
Sprint-3		USN-11	As an admin, I can view the user queries	3	High	Rishwana Burveen S, Soundharya S
Sprint-4	Rating	USN-12	As a user, I can rate the app and give feedback	2	Low	Shiny Reshma J, Soundharya S
Sprint-4	User profile	USN-13	As an admin, I can update the health details of users.	5	High	Rishwana Burveen S, Sasmitha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Parveen K
Sprint-4		USN-14	As an admin, I can add or delete users.	3	High	Rishwana Burveen S, Shiny Reshma J
Sprint-4		USN-15	As an admin, I can manage the user details.	3	High	Sasmitha Parveen K, Soundharya 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	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 'VPHDWID'. The browser's 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 notification at the bottom of the sidebar states 'You're in a team-managed project' with a 'Learn more' link.

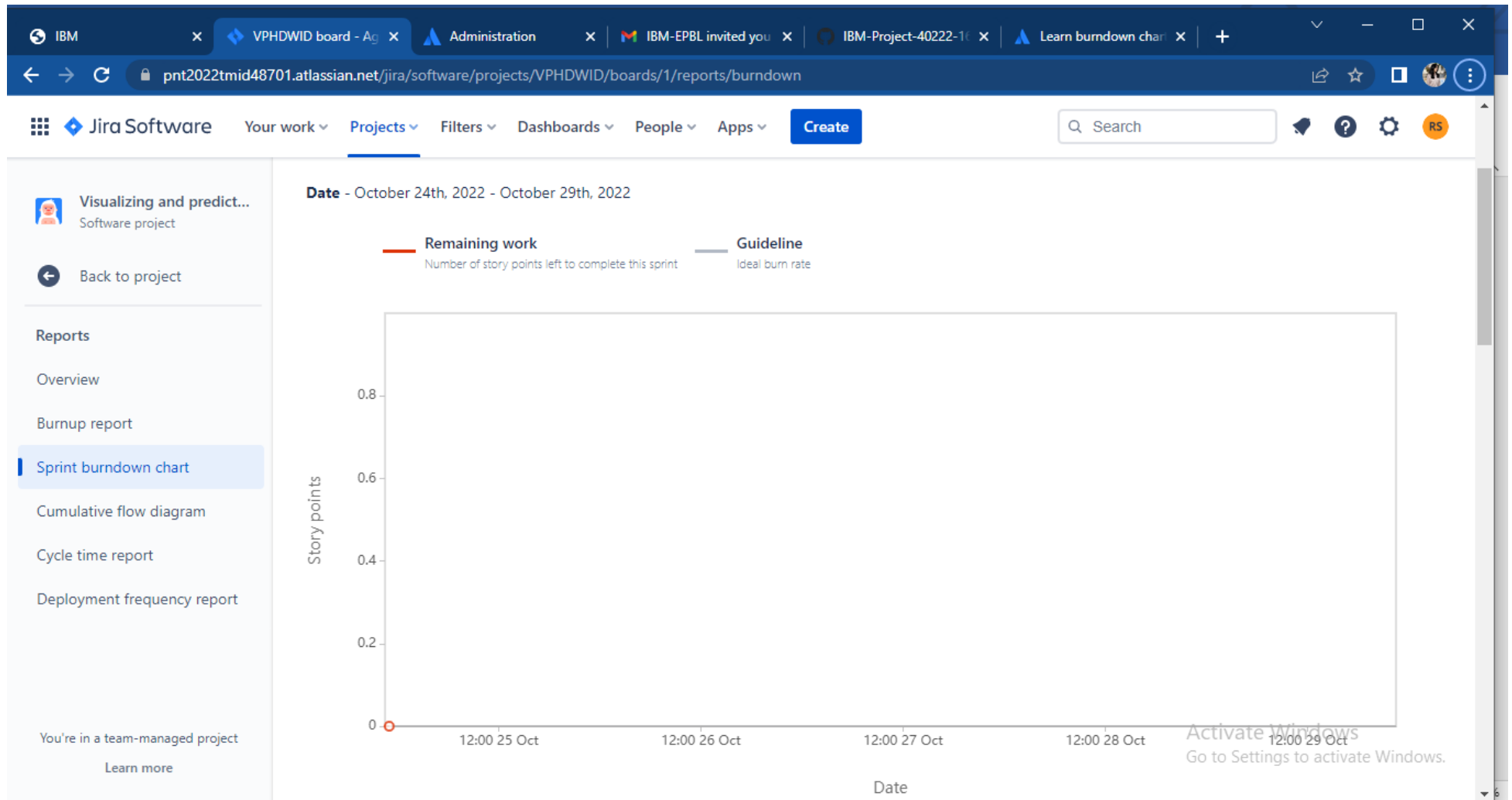
The main content area shows a banner for 'Does your team need more from Jira? Get a free trial of our Standard plan.' Below this, the breadcrumb 'Projects / Visualizing and predicting heart disease with an interactive dashboard' leads to the 'VPHDWID Sprint 1' board. The board has a '5 days remaining' timer and a 'Complete sprint' button. It features a search bar, filters for 'RS', 'SP', and 'SR', and a 'GROUP BY' dropdown set to 'None'. An 'Insights' button is also available.

The board is organized into three columns: 'TO DO 4 ISSUES', 'IN PROGRESS', and 'DONE'. The 'TO DO' column contains two issues:

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

The 'IN PROGRESS' and 'DONE' columns are currently empty. A 'Quickstart' button is located in the bottom right corner of the board area. An 'Activate Windows' watermark is visible at the bottom of the screen.

Report Burndown chart :



Report Burnup chart :

