

## Project Planning Phase

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

Date	27 October 2023
Team ID	592199
Project Name	Disease Prediction Using Machine Learning
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)** product

backlog and sprint schedule:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Symptom Input	USN-1	As a user, I can enter the number of symptoms on the web page	1	High	Thiran
Sprint-1	Symptom Prediction	USN-2	As a user, I can submit the symptoms on the web page	1	High	Geethika

Sprint-2	History Tracking	USN-3	As a user, I can view a history of my past symptom submissions	2	Medium	Chandrasekhar
Sprint-3	Report Generation	USN-4	As a web user, I can generate a report of my symptom history	3	Low	Shohib
Sprint-1	Symptom Monitoring	USN-5	As a customer care executive, I can view the number of symptoms entered by a user	1	High	Thiran
Sprint-2	System Analytics	USN-6	As an administrator, I can monitor the number of symptoms submitted by users	2	Medium	Geethika
Sprint-2	Symptom Prediction Access	USN-7	As a customer care executive, I can access the output page with predicted symptoms	1	High	Chandrasekhar
Sprint-2	User Management	USN-8	As an administrator, I can deactivate a user account	3	Low	Shohib

### 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	3	8 Days	24 Oct 2023	29 Oct 2023	3	29 Oct 2023
Sprint-2	10	11 Days	31 Oct 2023	05 Nov 2023	10	05 Nov 2023
Sprint-3	7	9 Days	07 Nov 2023	12 Nov 2023	7	12 Nov 2023

#### Velocity:

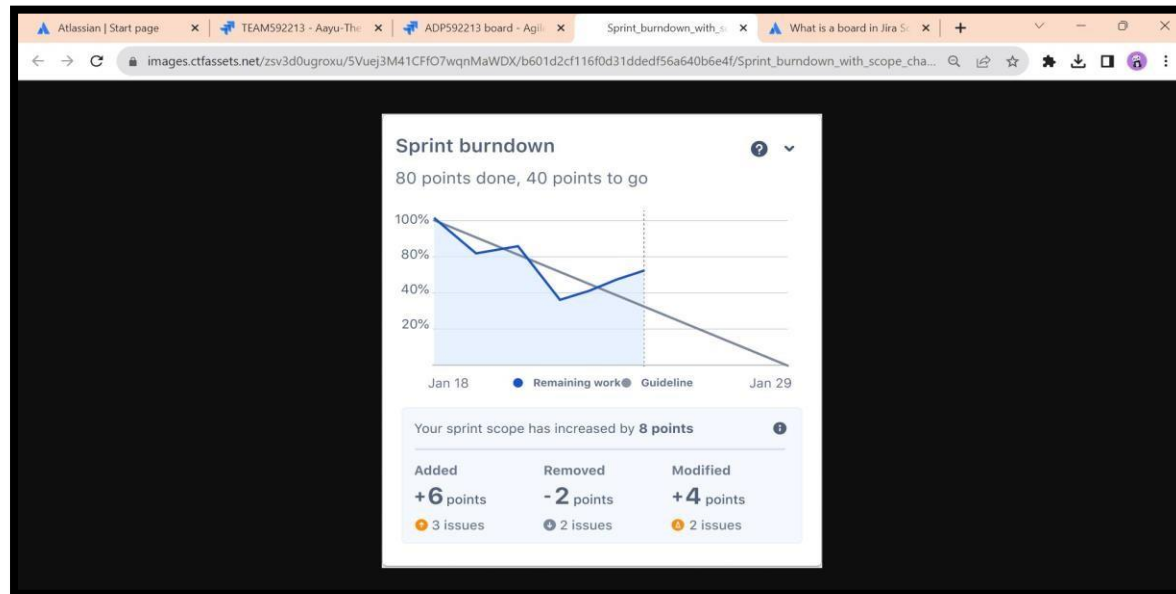
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

$$AV = 28/20=1.4$$

## Burndown Chart:

A burndown 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.



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

Sprint Process:

Issues for attention

All

Stuck

Blocked

Flagged

11 issues are stuck, depend on other issues or are flagged in your current sprint.

IN PROGRESS

Payments are getting dropped on the webst...

Blocked by 5 issues

IN REVIEW

Spike: Service proxy Egress - Permanent iss...

Stuck for 2d 2h

IN PROGRESS

Afterburner revision II design

Blocked by 4 issues

TO DO

Trip management frontend framework

Flagged

Prev

Next

Epic progress

This sprint is working towards 2 epics

BREW-13 FY22 Launch Plan

33% done

MACC-7 Quick wins

30% done

Sprint progress

9% done

Done

In progress

Not started

9%

53%

38%

## Board Section:

The screenshot displays the Jira Board interface for the project 'Aayu--The Disease Predictor'. The board is titled 'ADP592199 Sprint 1' and shows a Kanban-style workflow with three columns: 'TO DO 1', 'IN PROGRESS 2', and 'DONE 2'. The 'TO DO' column contains one task: 'As a web user, I want to generate a report of my symptom history' (TEAM592199-11). The 'IN PROGRESS' column contains two tasks: 'As a user, I want to submit the symptoms on the web page' (TEAM592199-9) and 'As a user, I want to view a history of my past symptom submissions' (TEAM592199-10). The 'DONE' column contains two tasks: 'As a user, I want to enter the number of symptoms on the web page' (TEAM592199-8) and 'As a user, I want to deactivate a user account and check' (TEAM592199-12). The interface includes a left sidebar with navigation options like 'Timeline', 'Backlog', 'Board', 'Add view', 'Code', 'Wiki', 'Add shortcut', and 'Project settings'. The top navigation bar shows the project name and a 'Create' button. The right side of the board has a 'Complete sprint' button and a '9 days remaining' indicator.

Atlassian | Start page x TEAM592213 - Aayu-The diseas x ADP592213 board - Agile board x What is a board in Jira Software? x +

592213.atlassian.net/jira/software/projects/TEAM592199/boards/1

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Aayu--The Disease Predictor  
Software project

You're on the Free plan  
UPGRADE

PLANNING  
Timeline  
Backlog  
Board  
Add view

DEVELOPMENT  
Code

Wiki  
Add shortcut  
Project settings

You're in a team-managed project  
Learn more

Projects / Aayu--The Disease Predictor  
ADP592199 Sprint 1

9 days remaining Complete sprint

GROUP BY: None Import work Insights View settings

TO DO 1

As a web user, I want to generate a report of my symptom history  
TEAM592199-11

IN PROGRESS 2

As a user, I want to submit the symptoms on the web page  
TEAM592199-9

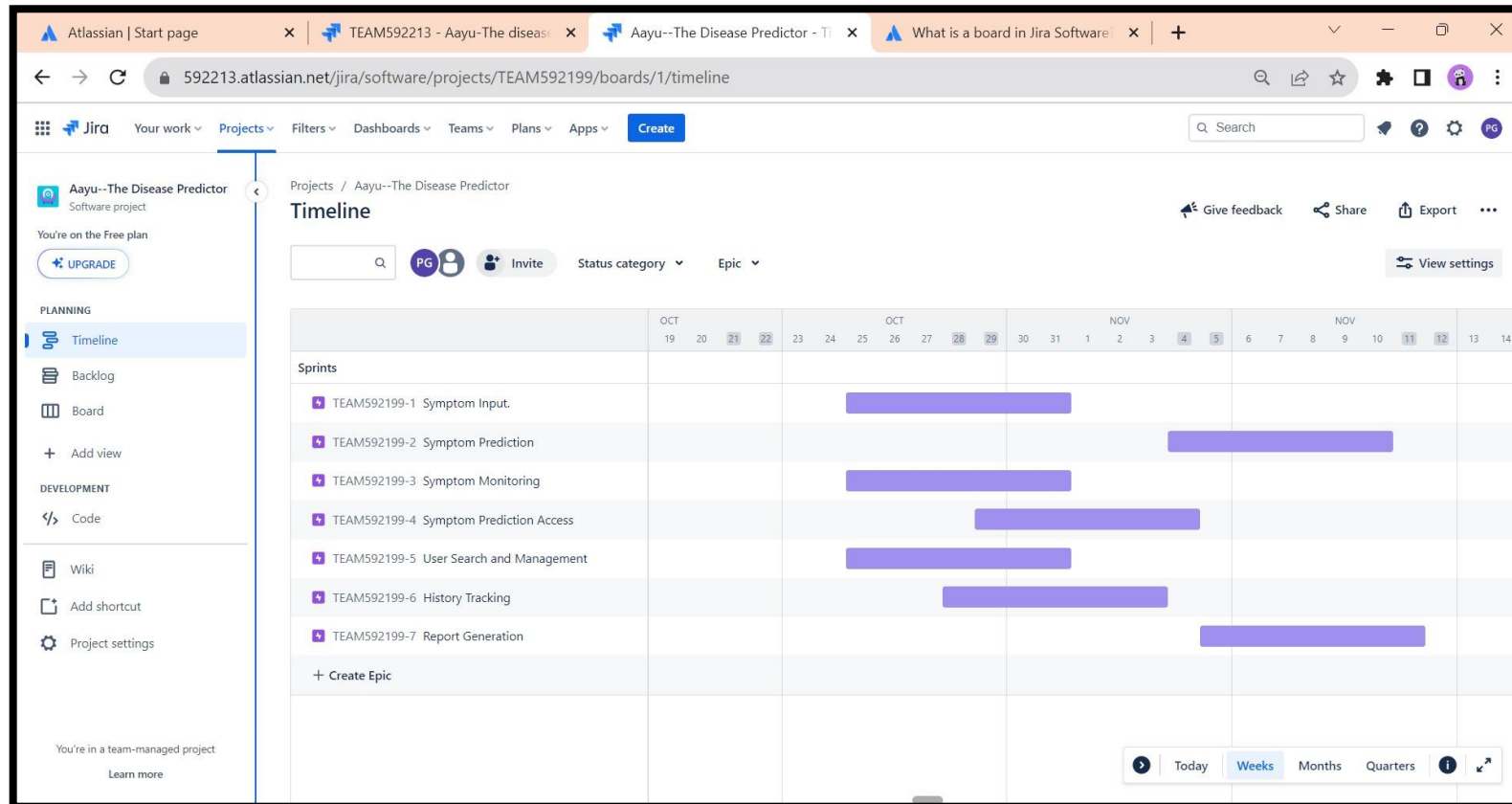
As a user, I want to view a history of my past symptom submissions  
TEAM592199-10

DONE 2

As a user, I want to enter the number of symptoms on the web page  
TEAM592199-8

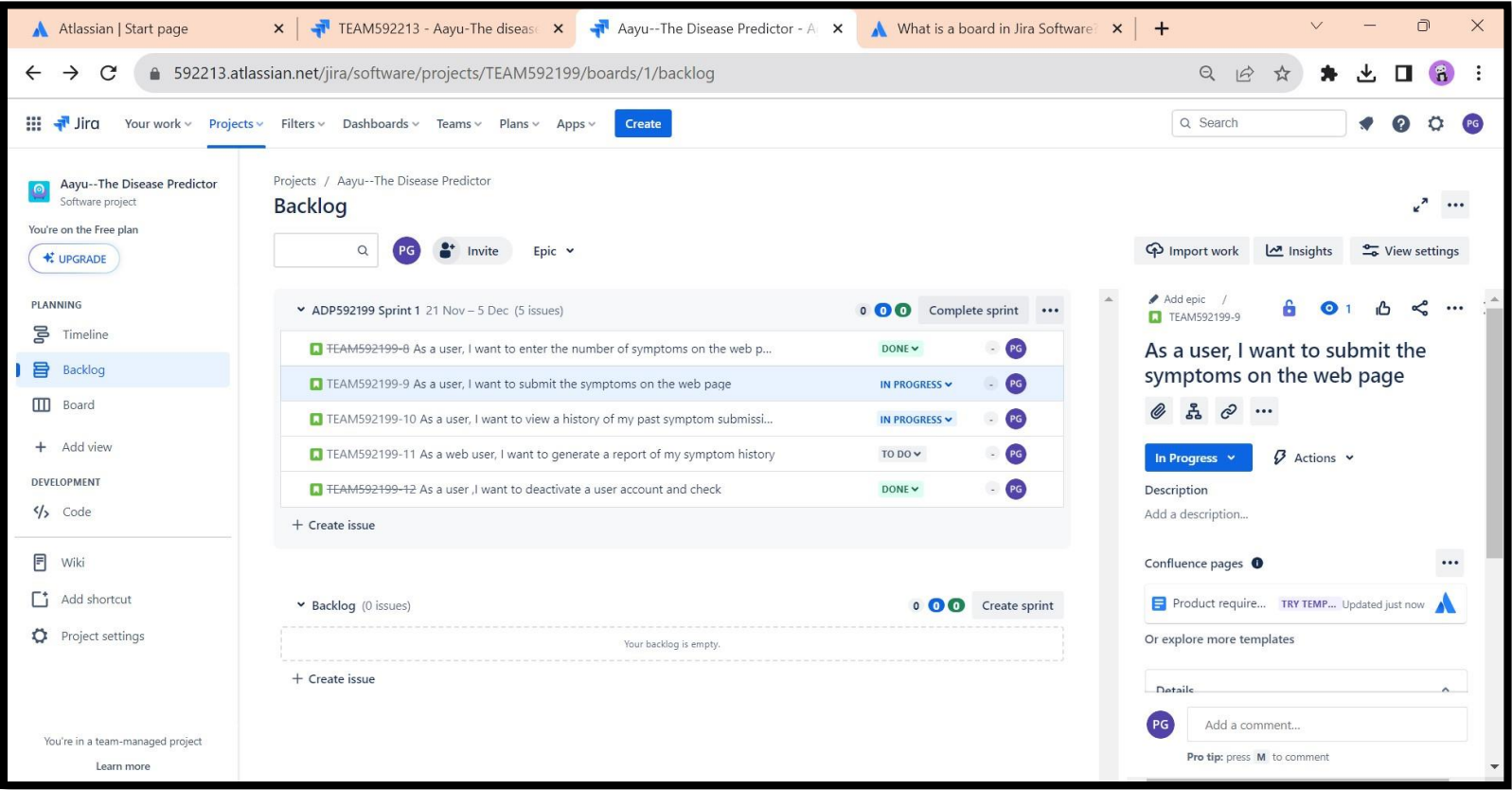
As a user, I want to deactivate a user account and check  
TEAM592199-12

## Timeline Section:





Backlog Section:



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/tutorials/burndown-charts>