

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID23868
Project Name	Project - Fertilizers Recommendation System For Disease Prediction
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-4	Home Page	USN-1	As a user, I can view the home page which has a description of the plant disease as well as options to sign up or log in.	2	Low	Nivetha Oviga Subhashree
Sprint-4	Sign Up Page	USN-2	As a user, I can register for the application by entering my name, phone number, email, password, and confirming my password.	2	High	Sandhya Thrisha SaiPreethi
Sprint-4	Authorization	USN-3	As a user, I will receive confirmation email once I have registered for the application.	2	High	Nivetha Oviga Subhashree
Sprint-4	Login	USN-4	As a user, I can log into the application by entering email & password.	2	High	Sandhya Thrisha SaiPreethi
Sprint-4	Dashboard	USN-5	As a user, I can upload images of the affected crop to the website in order to receive the plant disease.	2	High	Nivetha Oviga Subhashree

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-4	Results	USN-6	As a user, I can receive a disease in addition to recommendations on what I should do now.	2	High	Sandhya Thrisha SaiPreethi
Sprint-1	Data Collection	USN-7	I need to collect data (images of crops and with disease stages).	5	High	Nivetha Oviga Subhashree
Sprint-1	Data Pre-Processing	USN-8	I need to clean my data and prepare it for model building by doing pre-processing activities such as resizing etc.	8	High	Sandhya Thrisha SaiPreethi
Sprint-2	Model Building	USN-9	I need to build the model using Convolutional Neural Network (CNN).	13	High	Nivetha Oviga Subhashree
Sprint-3	Model Deployment	USN-10	I need to deploy the Machine Learning model that was built.	13	Medium	Sandhya Thrisha SaiPreethi
Sprint-4	Application Building	USN-11	I need to build the website for the application using HTML, CSS etc.	8	High	Nivetha Oviga Subhashree

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	13	6 Days	24 Oct 2022	29 Oct 2022	13	31 Oct 2022
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

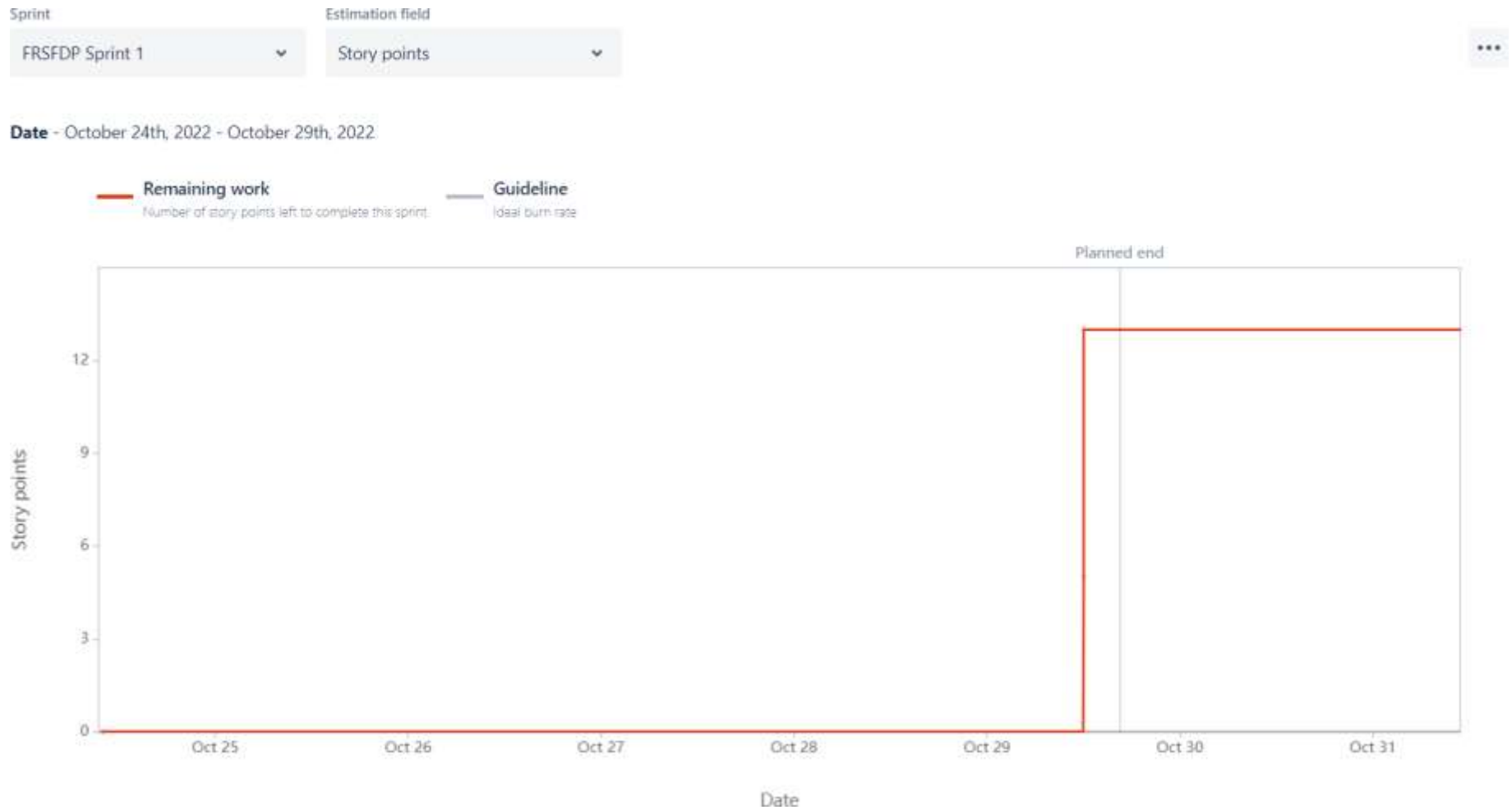
Projects / Fertilizers Recommendation System For Disease Prediction / Reports

Velocity report

[How to read this report](#)



## Burndown Chart:



**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/project-management/estimation>

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