

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID36381
Project Name	Fertilizer 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-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sanjay.R Jaya Kumar.S Rohith.N
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	JamesRaj.A Senthil Kumaran.V
Sprint-1		USN-3	As a user, I can register for the application through mobile number	1	Low	Sanjay.R
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jaya Kumar.S Rohith.N
Sprint-1		USN-5	As a Web user, I can register with a User ID on the System	2	High	JamesRaj.A Senthil Kumaran.V
Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	2	High	Sanjay.R Jaya Kumar.S Rohith.N

Sprint-3	Customer support	<u>USN-7</u>	As a Supporter, I can Understand exactly how customer use the product	1	Low	Sanjay.R
<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-3	Analyst	USN-8	As a Admin, I can Update many dataset about the Plant Diseases	2	High	Sanjay.R
Sprint-4	Prediction	USN-9	It uses AI to identify the Plants Disease within the Captured photos and Live View of Prediction	2	High	Sanjay.R Jaya Kumar.S Rohith.N Senthil Kumaran.V

**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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Sprint Delivery Progress:  
(Sprint Delivery Plan)

IBM Software project

PLANNING

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

IBM Software project

Backlog

Q

OR

Epic

IBM Sprint 1 Add date (5 issues)

IBM 3: FRSFDP\_1 As a user, I can register for the application by entering my email, password and confirming my password. REGISTRATION TO DO

IBM 4: FRSFDP\_2 As a user, I will receive confirmation mail once, I have register for the application. REGISTRATION TO DO

IBM 5: FRSFDP\_3 As a user, I can register for the application through Mobile number. REGISTRATION TO DO

IBM 6: FRSFDP\_4 As a user, I can register for the application through gmail. REGISTRATION TO DO

IBM 7: FRSFDP\_5 As a user, I can register with a user ID on the system. REGISTRATION TO DO

IBM Sprint 2 login Add date (1 issue)

login

IBM 9: FRSFDP\_6 As a user, I can log into the application by entering email and password. LOGIN TO DO

IBM Sprint 3 Add date (2 issues)

IBM 10: FRSFDP\_7 As a user, I can understand exactly how customer use the product. CUSTOMER SUPPORT TO DO

IBM 11: FRSFDP\_8 As a Admin, I can update many dataset about the plant diseases. ANALYST TO DO

IBM Sprint 4 Add date (1 issue)

IBM 12: FRSFDP\_9 As a user, I can predict the diseases about the plant using this application. PREDICTION TO DO

Backlog (0 issues)

Does your team need more from Jira? Get a free trial of our Standard plan.

Projects / IBM

Backlog

Q

OR

Epic

IBM Sprint 1 Add date (5 issues)

IBM 3: FRSFDP\_1 As a user, I can register for the application by entering my email, password and confirming my password. REGISTRATION TO DO

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Backlog (0 issues)

Your backlog is empty.

Left insights

FRSFDP\_4 As a user, I can register for the application through gmail.

To Do

Description

Add a description...

Pinned fields

Click on the pin icon to a field label to start pinning.

Details

Assignee

Unassigned

Assign to me

Labels

None

Sprint

IBM Sprint 1

Story point estimate

None

Reporter

Robith

Created yesterday

Updated yesterday

Configure

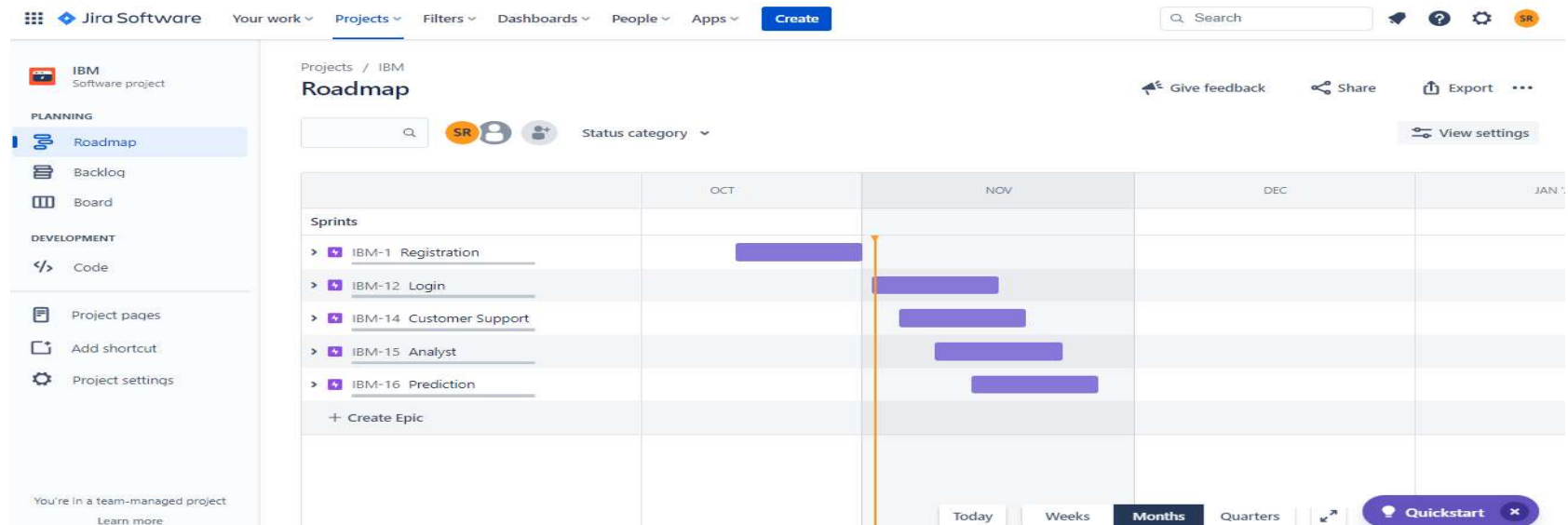
Activity

Show All Comments History Newest first 47

Add a comment

Pin top pins to comment

## (Roadmap)



### Velocity:

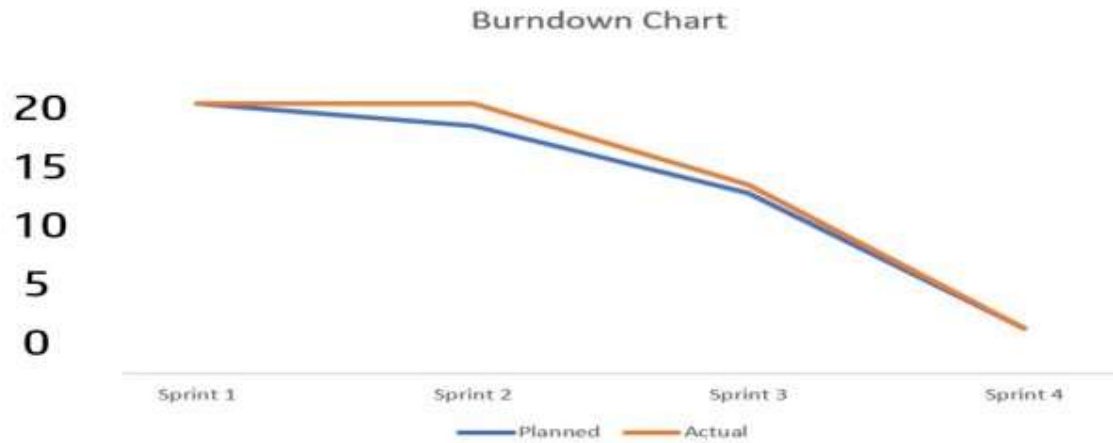
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}}$$

$$=06/10=0.6$$

### 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.



X- Axis: Story Points

Y-Axis: Sprints Stages