

## Project Planning Phase

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

|                      |  |
|----------------------|--|
| <b>Date</b>          | 17 NOVEMBER 2022   |
| <b>Team ID</b>       | PNT2022TMID29795   |
| <b>Project Name</b>  | Fertilizers Recommendation System for Disease Prediction |
| <b>Maximum Marks</b> | 8 Marks  |

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

| <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-1      | Image Processing.                                | USN-1                    | As a user, I can retrieve useful information about the images.                               | 1                   | Low             | Dinesh.R,<br>Darrioh lordson                      |
| Sprint-2      | Model Building for Fruit Disease Prediction.     | USN-2                    | As a user, I can able to predict fruit disease using this model.                             | 1                   | Medium          | Elango.G,<br>Jothi priya                          |
| Sprint-2      | Model Building for Vegetable Disease Prediction. | USN-3                    | As a user, I can able to predict vegetable disease using this model.                         | 2                   | Medium          | Kumaravel,<br>darrioh lordson                     |
| Sprint-3      | Application Building.                            | USN-4                    | As a user, I can see a web page for Fertilizers Recommendation System for Disease Prediction | 2                   | High            | Dinesh.R,elango.G<br>,darrioh lordson,jothi priya |
| Sprint-4      | Train The Model on IBM Cloud.                    | USN-5                    | As a user, I can save the information about Fertilizers and crops on IBM cloud               | 2                   | High            | Elango.G,Dinesh.R.                                |

**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 | 20                 | 6 Days   | 24 Oct 2022       | 29 Oct 2022               | 20  | 26 Oct 2022                  |
| Sprint-2 | 20                 | 6 Days   | 31 Oct 2022       | 05 Nov 2022               | 20  | 30 Oct 2022                  |
| Sprint-3 | 20                 | 6 Days   | 07 Nov 2022       | 12 Nov 2022               | 20  | 05 Nov 2022                  |
| Sprint-4 | 20                 | 6 Days   | 14 Nov 2022       | 19 Nov 2022               | 20  | 10 Nov 2022                  |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |

**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)

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

$$\text{Average Velocity (AV)} = 20/5 = 4$$





### 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.

### Status overview

View the progress of your project based on the status of each item. For more details, [go to the board view](#).



|   |             |           |
|---|-------------|-----------|
|    | Open        | 0         |
|    | To Do       | 0         |
|    | In Progress | 0         |
|   | In Review   | 0         |
|  | Cancelled   | 0         |
|  | Done        | 10        |
|  | Rejected    | 0         |
| <b>Total</b>  |             | <b>10</b> |

## Priority breakdown

Get a holistic view of how work is being prioritized within your project. To check if the team's focusing on the right work, [go to the list view](#).

