

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID21470
Project Name	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-1	Dataset analysis and preprocessing of data (Fruits dataset)		Download the dataset and examine the dataset and preprocess the dataset given on fruits dataset	5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
	Dataset analysis and preprocessing of data (Vegetable dataset)		Download the dataset and examine the dataset and preprocess the dataset given on vegetable dataset	5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
Sprint-2	Model creation which can classify diseased fruit plants from given images.(Fruits dataset)		Create a model which can classify diseased fruit plants from given images.(Fruits dataset)	7.5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
	Model creation which can classify diseased fruit plants from given images.(Vegetables dataset)		Create a model which can classify diseased fruit plants from given images.(Fruits dataset)	7.5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
Sprint-3	Registration	USN-1	As a user, i can register my account by entering my username or email and password	2.5	Medium	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa






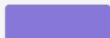


Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Login	USN-2	As a user, I can access my web portal by entering the login credentials	2.5	Medium	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
	Dashboard	USN-3	As a user, I can access the application and upload the images of crops and get my fertilizer recommended	5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
	Flask app creation		A base Flask web app must be created as an interface for the ML model	5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
Sprint-4	Recommended Fertilizer		As per the disease predicted the application should display the recommended fertilizer	5	High	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa
	Containerization/ Hosting of application		Containerize the application and create a docker image or host the application on IBM Cloud	5	Medium	Jayasheelan, Anandhalakshmi, Cathe, Reshmekaa

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	10	6 Days	24 Oct 2022	29 Oct 2022		2 Nov 2022
Sprint-2	15	6 Days	31 Oct 2022	05 Nov 2022		06 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022		13 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		20 Nov 2022

*****Burndown charts and velocity is yet to be updated (after completion of sprints)***


Roadmap:


		NOV	DEC	JAN '23
Sprints				
⚡ FRSFDP-1 Dataset exploration				
⚡ FRSFDP-2 1-2 Data preprocessing				
⚡ FRSFDP-3 2-1 Model creation - training				
⚡ FRSFDP-4 2-2 Model fitting and testing				
⚡ FRSFDP-5 3-1 Creating flask app				
⚡ FRSFDP-6 3-2 Registration page				
⚡ FRSFDP-7 3-3 Login page				
⚡ FRSFDP-8 3-4 Dashboard				
⚡ FRSFDP-9 4-1Fertilizer recommendation				
⚡ FRSFDP-10 4-1 Deploying of application				


Backlog:

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> **FRSFDP Sprint 1** 24 Oct – 29 Oct (0 issues)000Start sprint⋮

> **FRSFDP Sprint 2** 31 Oct – 5 Nov (0 issues)000Start sprint⋮


> **FRSFDP Sprint 3** 7 Nov – 12 Nov (0 issues)000Start sprint⋮

> **FRSFDP Sprint 4** 14 Nov – 19 Nov (0 issues)000Start sprint⋮

▼ **Backlog** (0 issues)000Create sprint

Your backlog is empty.

+ Create issue

 **Quickstart** ×

Backlog



Epic ▾

Insights

▼ **FRSFDP Sprint 1** 1 Nov – 1 Nov (3 issues)

Dataset analysis and preprocessing of data - fruits and vegetable dataset

0 0 0

Complete sprint



FRSFDP-11 Download dataset

TO DO ▾



FRSFDP-12 Dataset analysis

TO DO ▾



FRSFDP-13 Data preprocessing

TO DO ▾



+ Create issue

▼ **FRSFDP Sprint 2** 1 Nov – 5 Nov (3 issues)

Model creation which can classify diseased fruit plants from given images.(Fruits and vegetable dataset)

0 0 0

Complete sprint



FRSFDP-14 Fitting test data

TO DO ▾



FRSFDP-15 Model training

TO DO ▾



FRSFDP-16 Testing data and finding accuracy

TO DO ▾



+ Create issue



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▼ FRSFDP Sprint 3 1 Nov – 12 Nov (4 issues)

0 0 0

Complete sprint

⋮

Creating base flask app Registration page Login page Dashboard

 FRSFDP-17 Registration page	TO DO ▾ 
 FRSFDP-18 Login page	TO DO ▾ 
 FRSFDP-19 Base flask application	TO DO ▾ 
 FRSFDP-20 Integrating application	TO DO ▾ 

+ Create issue







▼ FRSFDP Sprint 4 14 Nov – 19 Nov (3 issues)

0 0 0



Start sprint

⋮

As per the disease predicted the application should display the recommended fertilizer Containerize the application and create a docker image or host the application on IBM Cloud

 FRSFDP-21 Creating dashboard	TO DO ▾ 
 FRSFDP-22 Recommending fertilizer	TO DO ▾ 
 FRSFDP-23 Deploying application	TO DO ▾ 

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FRSFDP Sprint 1 Add

Backlog (0 issues)

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Edit sprint: FRSFDP Sprint 1

Sprint name *

FRSFDP Sprint 1

Duration

custom ▾

Start date

10/24/2022 12:30 AM ✕

End date

10/29/2022 12:30 AM ✕

Sprint goal

Dataset analysis and preprocessing of data - fruits and vegetable dataset

Update

Cancel

Insights

0 0 0 Start sprint ...

0 0 0 Create sprint

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FRSFDP Sprint 1 24 Oct

FRSFDP Sprint 2 31 Oct

Backlog (0 issues)

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Edit sprint: FRSFDP Sprint 2

Sprint name *

FRSFDP Sprint 2

Duration

custom ▾

Start date

10/31/2022 1:00 AM ✕

End date

11/5/2022 1:00 AM ✕

Sprint goal

Model creation which can classify diseased fruit plants from given images.(Fruits and vegetable dataset)

Update

Cancel

Insights

0 0 0 Start sprint ...

0 0 0 Start sprint ...

0 0 0 Create sprint

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FRSFDP Sprint 1 24 Oct

FRSFDP Sprint 2 31 Oct

FRSFDP Sprint 3 7 Nov
Creating base flask app Registrat...

FRSFDP Sprint 4 14 Nov

As per the disease predicted the application should display the recommended fertilizer Containerize the application and create a docker image or host the application on IBM Cloud

Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here.

+ Create issue

0 0 0 Start sprint ...

0 0 0 Start sprint ...

0 0 0 Start sprint ...

0 0 0 Start sprint ...

Quickstart

Edit sprint: FRSFDP Sprint 3

Sprint name *
FRSFDP Sprint 3

Duration
custom

Start date
11/7/2022 2:00 AM

End date
11/12/2022 2:00 AM

Sprint goal
Creating base flask app
Registration page
Login page
Dashboard

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Backlog (0 issues)

Your backlog is empty

Edit sprint: FRSFDP Sprint 4

Sprint name *

FRSFDP Sprint 4

Duration

custom

Start date

11/14/2022 1:30 AM

End date

11/19/2022 1:30 AM

Sprint goal

As per the disease predicted the application should display the recommended fertilizer
Containerize the application and create a docker image or host the application on IBM Cloud

Update

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Issues here.

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Sprint

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TO DO 7 ISSUES

Fitting test data

FRSFDP-14

Model training

FRSFDP-15

Testing data and finding accuracy

FRSFDP-16

Registration page

FRSFDP-17

Login page

FRSFDP-18

IN PROGRESS 1 ISSUE

Data preprocessing

FRSFDP-13

DONE 2 ISSUES

Download dataset


FRSFDP-11

Dataset analysis

FRSFDP-12


Complete sprint


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All sprints

⚡ ☆ **Complete sprint** ⋮

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TO DO 7 ISSUES

IN PROGRESS 1 ISSUE

DONE 2 ISSUES ✓



Testing data and finding accuracy

 FRSFDP-16

Registration page

 FRSFDP-17

Login page

 FRSFDP-18

Base flask application

 FRSFDP-19

Integrating application

 FRSFDP-20

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