

Initial Project Planning Template

Date	4 th June 2024
Team ID	SWTID1720109498
Project Name	Blueberry Yield Predictor
Maximum Marks	4 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preprocessing	BYPS-9	Loading the dataset	6	High	Sona Subramanian	4 th June 2024	5 th June 2024
Sprint-1	Data Collection and Preprocessing	BYPS-10	Preprocessing the Data	8	High	Sona Subramanian	5 th June 2024	12 th June 2024
Sprint-2	Model Building	BYPS-11	Training Model using Multiple Algorithms	8	High	Sai Veshwa B	13 th June 2024	26 th June 2024
Sprint-2	Model Building	BYPS-12	Testing the Model	9	High	Sai Veshwa B	27 th June 2024	1 st July 2024
Sprint-3	Performance Testing and Hyperparameter Tuning	BYPS-13	Hyperparameter Tuning	8	Medium	Kumar Abhishek	2 nd July 2024	5 th July 2024
Sprint-3	Performance Testing and Hyperparameter	BYPS-14	Testing model with evaluation metrics	7	High	Kumar Abhishek	6 th July 2024	8 th July 2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
	Tuning							
Sprint-4	Model Deployment	BYPS-15	Saving the best model	5	High	Dinari Ajay Kumar	9 th July 2024	11 th July 2024
Sprint-4	Model Deployment	BYPS-16	Integrating with web framework	9	High	Dinari Ajay Kumar	11 th July 2024	12 th July 2024

Screenshots of Jira:

Projects / Blueberry Yield Prediction SWTID1720109498

All sprints

Search

SS AD SV KA

Epic Sprint

TO DO 6

Saving the best model
MODEL DEPLOYMENT
BYPS-15 AD

Integrate with Web Framework
MODEL DEPLOYMENT
BYPS-16 AD

Training Model using Multiple Algorithms
MODEL BUILDING
BYPS-11 SV

Testing the Model
MODEL BUILDING
BYPS-12 SV

Hyperparameter Tuning
PERFORMANCE TESTING AND HYPERPAR...
BYPS-13 KA

Testing model with evaluation metrics
PERFORMANCE TESTING AND HYPERPAR...
BYPS-14 KA

+ Create issue

IN PROGRESS 2

Loading Dataset
DATA COLLECTION AND PREPROCESSING
BYPS-9 SS

Preprocessing Data
DATA COLLECTION AND PREPROCESSING
BYPS-10 SS

DONE ✓

TO DO 5

Saving the best model

MODEL DEPLOYMENT

BYPS-15

AD

Integrate with Web Framework

MODEL DEPLOYMENT

BYPS-16

AD

Testing the Model

MODEL BUILDING

BYPS-12

SV

Hyperparameter Tuning

PERFORMANCE TESTING AND HYPERPAR...

BYPS-13

KA

Testing model with evaluation metrics

PERFORMANCE TESTING AND HYPERPAR...

BYPS-14

KA

+ Create issue

IN PROGRESS 1

Training Model using Multiple Algorithms

MODEL BUILDING

BYPS-11

SV

+ Create issue

DONE 2 ✓

Loading Dataset

DATA COLLECTION AND PREPROCESSING

BYPS-9

SS

Preprocessing Data

DATA COLLECTION AND PREPROCESSING

BYPS-10

SS

TO DO 2

Saving the best model

MODEL DEPLOYMENT

BYPS-15

AD

Integrate with Web Framework

MODEL DEPLOYMENT

BYPS-16

AD

+ Create issue

IN PROGRESS 3

Testing the Model

MODEL BUILDING

BYPS-12

SV

Hyperparameter Tuning

PERFORMANCE TESTING AND HYPERPAR...

BYPS-13

KA

Testing model with evaluation metrics

PERFORMANCE TESTING AND HYPERPAR...

BYPS-14

KA

DONE 3 ✓

Loading Dataset

DATA COLLECTION AND PREPROCESSING

BYPS-9

SS

Preprocessing Data

DATA COLLECTION AND PREPROCESSING

BYPS-10

SS

Training Model using Multiple Algorithms

MODEL BUILDING

BYPS-11

SV

TO DO 1	IN PROGRESS 1	DONE 6
<p>Integrate with Web Framework</p> <p>MODEL DEPLOYMENT</p> <p>BYPS-16 AD</p> <p>+ Create issue</p>	<p>Saving the best model ✎ ⋮</p> <p>MODEL DEPLOYMENT</p> <p>BYPS-15 AD</p> <p>+ Create issue</p>	<p>Loading Dataset</p> <p>DATA COLLECTION AND PREPROCESSING</p> <p>BYPS-9 SS</p> <p>Preprocessing Data</p> <p>DATA COLLECTION AND PREPROCESSING</p> <p>BYPS-10 SS</p> <p>Training Model using Multiple Algorithms</p> <p>MODEL BUILDING</p> <p>BYPS-11 SV</p> <p>Testing the Model</p> <p>MODEL BUILDING</p> <p>BYPS-12 SV</p> <p>Hyperparameter Tuning</p> <p>PERFORMANCE TESTING AND HYPERPAR...</p> <p>BYPS-13 KA</p> <p>Testing model with evaluation metrics</p> <p>PERFORMANCE TESTING AND HYPERPAR...</p> <p>BYPS-14 KA</p>

TO DO	IN PROGRESS 1	DONE 7
<p>+ Create issue</p>	<p>Integrate with Web Framework</p> <p>MODEL DEPLOYMENT</p> <p>BYPS-16 AD</p>	<p>Loading Dataset</p> <p>DATA COLLECTION AND PREPROCESSING</p> <p>BYPS-9 SS</p> <p>Preprocessing Data</p> <p>DATA COLLECTION AND PREPROCESSING</p> <p>BYPS-10 SS</p> <p>Training Model using Multiple Algorithms</p> <p>MODEL BUILDING</p> <p>BYPS-11 SV</p> <p>Testing the Model</p> <p>MODEL BUILDING</p> <p>BYPS-12 SV</p> <p>Hyperparameter Tuning</p> <p>PERFORMANCE TESTING AND HYPERPAR...</p> <p>BYPS-13 KA</p> <p>Testing model with evaluation metrics</p> <p>PERFORMANCE TESTING AND HYPERPAR...</p> <p>BYPS-14 KA</p> <p>Saving the best model</p> <p>MODEL DEPLOYMENT</p> <p>BYPS-15 AD</p>

TO DO

+ Create issue

IN PROGRESS

DONE 8 ✓

Loading Dataset

DATA COLLECTION AND PREPROCESSING

EWPS-9 ✓ 95

Preprocessing Data

DATA COLLECTION AND PREPROCESSING

EWPS-10 ✓ 95

Training Model using Multiple Algorithms

MODEL BUILDING

EWPS-11 ✓ 99

Testing the Model

MODEL BUILDING

EWPS-12 ✓ 99

Hyperparameter Tuning

PERFORMANCE TESTING AND HYPERPAR...

EWPS-13 ✓ NA

Testing model with evaluation metrics

PERFORMANCE TESTING AND HYPERPAR...

EWPS-14 ✓ NA

Saving the best model

MODEL DEPLOYMENT

EWPS-15 ✓ 100

Integrate with Web Framework ...

MODEL DEPLOYMENT

EWPS-16 ✓ 100