

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID46533
Project Name	AI Powered - Food Demand Forecaster
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	Prerequisites	USN-1	Collect required data.	3	High	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-1		USN-2	Split dataset into train and test set.	4	Medium	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-1		USN-3	Pre-process the data.	3	Medium	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-2	Model Building	USN-4	Compile the model	1	Low	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-2		USN-5	Add required neural network layers.	4	High	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-2		USN-6	Initialise the model	1	Low	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D
Sprint-2		USN-7	Import the required libraries.	2	Medium	Fathima Farveen.M, Jeneera.J, Abinaya.k, Sathiya.D

Sprint-2		USN-8	Deploy the model in IBM cloud.	2	Medium	Fathima Farveen.M, Jeneera.J,Abinaya.k,Sathiya.D
Sprint-3	Model Testing	USN-9	Import the packages and load the saved model	4	High	Fathima Farveen.M, Jeneera.J,Abinaya.k,Sathiya.D
Sprint-3		USN-10	Test the model	6	High	Fathima Farveen.M, Jeneera.J,Abinaya.k,Sathiya.D
Sprint-4	User Interface	USN-11	Integrate with model	5	Medium	Fathima Farveen.M, Jeneera.J,Abinaya.k,Sathiya.D
Sprint-4		USN-12	Build the user interface	5	High	Fathima Farveen.M, Jeneera.J,Abinaya.k,Sathiya.D

#### 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	28 Oct 2022	04 Nov 2022	10	
Sprint-2	10	6 Days	28 Oct 2022	04 Nov 2022	10	
Sprint-3	10	6 Days	02 Nov 2022	09 Nov 2022		
Sprint-4	10	6 Days	02 Nov 2022	18 Nov 2022	5	

**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)

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

**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.

Sprint

FOODGENI Sprint 1

Estimation field

Story points



**Date** - October 28th, 2022 - November 4th, 2022



Sprint

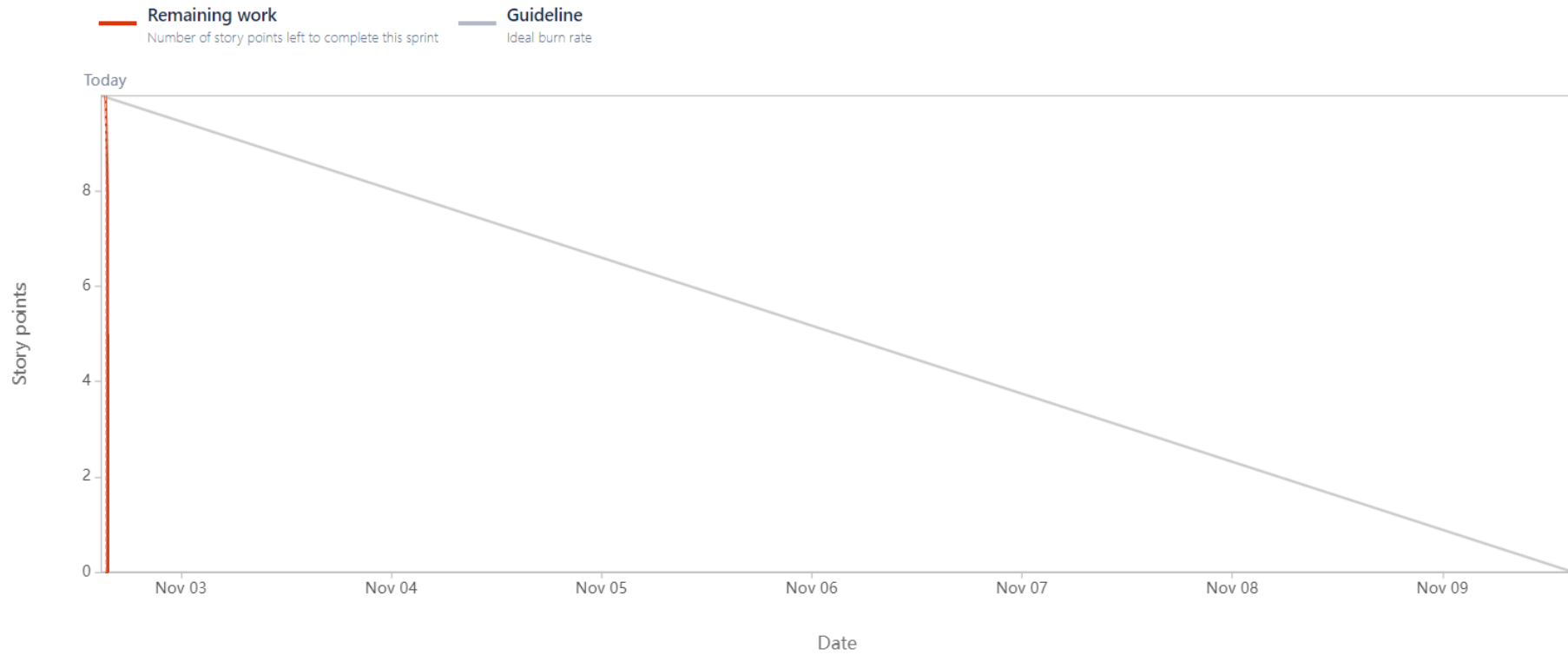
FOODGENI Sprint 2

Estimation field

Story points



**Date** - October 28th, 2022 - November 4th, 2022



Sprint

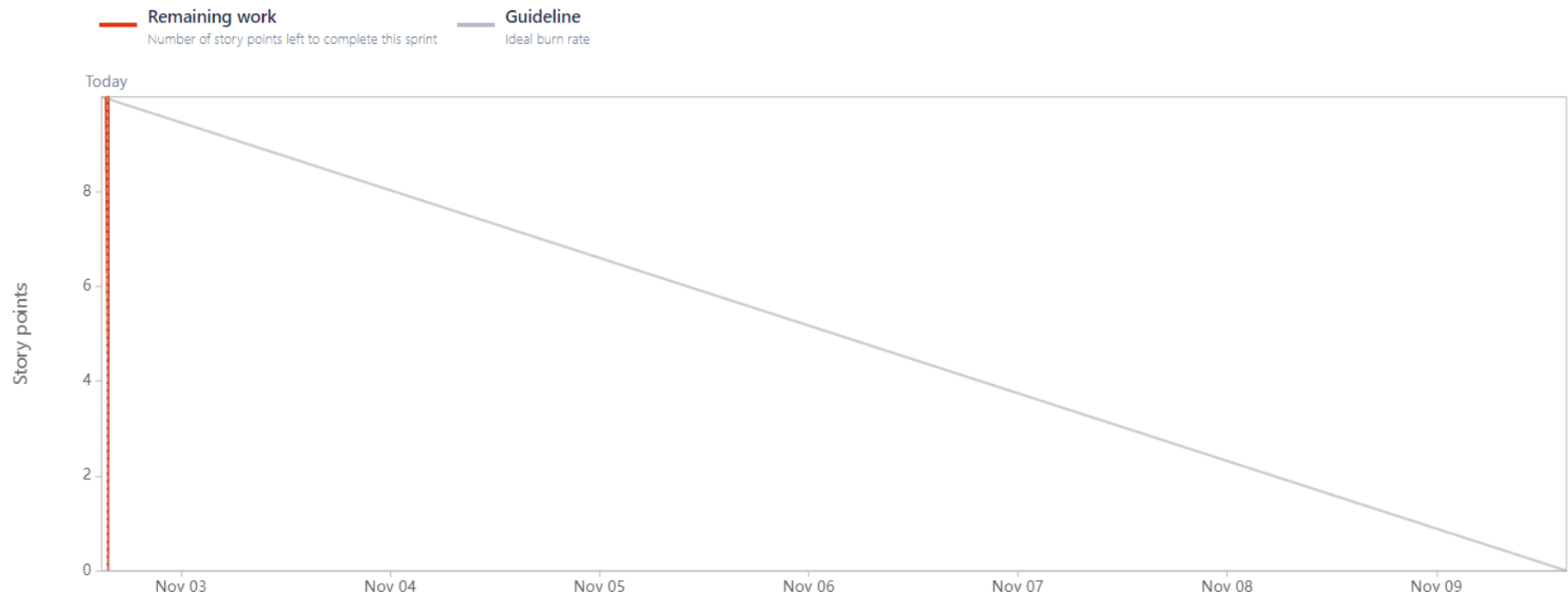
FOODGENI Sprint 3

Estimation field

Story points



**Date** - November 2nd, 2022 - November 9th, 2022



Sprint

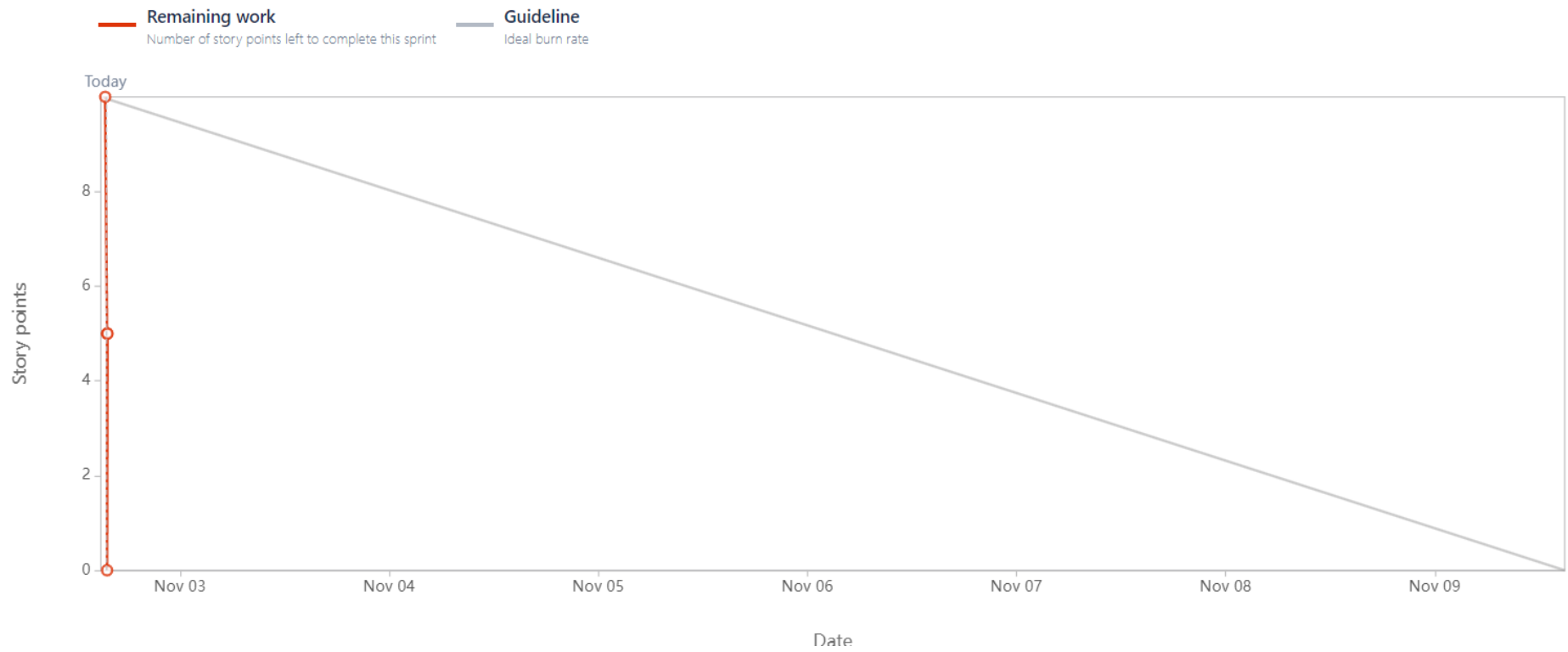
FOODGENI Sprint 4

Estimation field

Story points



**Date** - November 2nd, 2022 - November 18th, 2022



2 sprints

4 days remaining Complete sprint

SS

Epic

Sprint 2

Clear filters

GROUP BY None  Insights

TO DO

IN PROGRESS 3 OF 3 ISSUES

Integrate with Model

USER INTERFACE

FOODGENIZ-13 5

Import the packages and load the saved model

MODEL TESTING

FOODGENIZ-10 4

Test the Model

MODEL TESTING

FOODGENIZ-11 6

DONE 1 OF 9 ISSUE

Build the User Interface

USER INTERFACE

FOODGENIZ-12 5



Sprint burndown BETA

0 points done, 20 points to go  Heads up

100%  
80%  
60%  
40%  
20%  
0%

Nov 2 Nov 9

Remaining work Guideline

Epic progress

This sprint is working towards 1 epic

FOODGENIZ-15 Model Testing

0% done

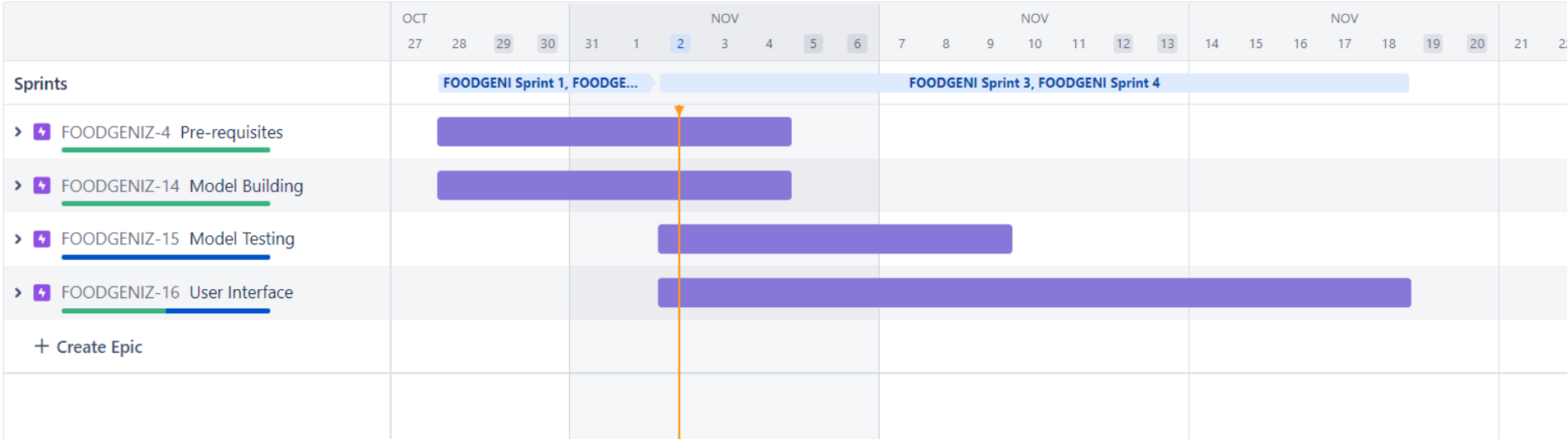


Roadmap

SS

Status category ▾

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Software project



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## Reports

Overview

Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Deployment frequency report

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## Cumulative flow diagram

[How to read this report](#)

Date filter

Past 6 Months

From date

10/20/2022

To date

11/22/2022



To Do



In Progress



Done

