

Project Planning Phase

Sprint Delivery Plan

Date	14 November 2022
Team ID	PNT2022TMID42961
Project Name	Project - Fertilizers Recommendation System for Disease Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collecting dataset for pre-processing	10	High	<ul style="list-style-type: none">• Jeevananth T,• Duraipandi R,• Senthil Kumaran K,• Udhaya Kumar S,• Prabhakaran M.
Sprint-1		USN-2	Data pre-processing- Used to transform the data into useful format.	10	Medium	<ul style="list-style-type: none">• Jeevananth T,• Duraipandi R,• Senthil Kumaran K,• Udhaya Kumar S,• Prabhakaran M.
Sprint-2	Model Building	USN-3	Model building for fruit and vegetable disease prediction	10	High	<ul style="list-style-type: none">• Jeevananth T,• Duraipandi R,• Senthil Kumaran K,• Udhaya Kumar S,• Prabhakaran M.
		USN-4	Splitting the data into	10	Medium	<ul style="list-style-type: none">• Jeevananth T,

Sprint-2			training and testing from the entire dataset.			<ul style="list-style-type: none"> • Duraipandi R, • Senthil Kumaran K, • Udhaya Kumar S, • Prabhakaran M.
Sprint-3	Training and Testing	USN-5	Training the model and testing the performance of the model	20	Medium	<ul style="list-style-type: none"> • Jeevananth T, • Duraipandi R, • Senthil Kumaran K, • Udhaya Kumar S, • Prabhakaran M.
Sprint-4	Implementation of Web page	USN-6	Implementing the web page for collecting the data from user	10	High	<ul style="list-style-type: none"> • Jeevananth T, • Duraipandi R, • Senthil Kumaran K, • Udhaya Kumar S, • Prabhakaran M.
Sprint-4		USN-6	Deploying the model using IBM Cloud and IBM Watson Studio	10	Medium	<ul style="list-style-type: none"> • Jeevananth T, • Duraipandi R, • Senthil Kumaran K, • Udhaya Kumar S, • Prabhakaran M.

Project Tracker, Velocity & Burndown Chart:

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	03 NOV 2022
Sprint- 2	20	6 Days	31 Oct 2022	05 Nov 2022	20	10 NOV 2022

Sprint- 3	20	6 Days	07 Nov 2022	12 Nov 2022	20	17 NOV 2022
Sprint- 4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 NOV 2022

Velocity:

Sprint 1 Average Velocity:

$$\text{Average Velocity} = 20/2 = 10$$

Sprint 2 Average Velocity:

$$\text{Average Velocity} = 20/2 = 10$$

Sprint 3 Average Velocity:

$$\text{Average Velocity} = 20/1 = 20$$

Sprint 4 Average Velocity:

$$\text{Average Velocity} = 20/2 = 10$$

Burndown Chart:

