

Project Planning Phase

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

Date	19 th November 2022
Team ID	PNT2022TMID14717
Project Name	Fertilizer 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	Data Collection	USN-1	Collecting dataset for pre-processing	10	High	Rasika M Sanjana K Tharani G Devadharshini S
Sprint-1		USN-2	Data pre-processing-Used to transform the data into useful format.	10	Medium	Rasika M Sanjana K Tharani G Devadharshini S
Sprint-2	Model Building	USN-3	Model building for fruit and vegetable disease prediction	10	High	Rasika M Sanjana K Tharani G Devadharshini S
Sprint-2		USN-4	Splitting the data into training and testing from the entire dataset.	10	Medium	Rasika M Sanjana K Tharani G

						Devadharshini S
Sprint-3	Training and Testing	USN-5	Training the model and testing the performance of the model	20	Medium	Rasika M Sanjana K Tharani G Devadharshini S
Sprint-4	Implementation of Web page	USN-6	Implementing the web page for collecting the data from user	10	High	Rasika M Sanjana K Tharani G Devadharshini S
Sprint-4		USN-6	Deploying the model using IBM Cloud and IBM Watson Studio	10	Medium	Rasika M Sanjana K Tharani G Devadharshini S

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	03 NOV 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Sprint 1 Average Velocity: Average
Velocity = $20/2 = 10$

Sprint 2 Average Velocity: Average
Velocity = $20/2 = 10$

Sprint 3 Average Velocity: Average
Velocity = $20/1 = 20$

Sprint 4 Average Velocity: Average
Velocity = $20/2 = 10$

Burndown Chart:

