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

Date	18 October 2022
Team ID	PNT2022TMID27540
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	1	High	Jerina A Emima S Dino J Seshathri N
Sprint- 1		USN-2	Data pre-processing-Used to transform the data into useful format.	1	Medium	Jerina A Emima S Dino J Seshathri N
Sprint- 2	Model Building	USN-3	Model building for fruit and vegetable disease prediction	1	High	Jerina A Emima S Dino J Seshathri N
Sprint- 2		USN-4	Splitting the data into training and testing from the entire dataset.	2	Medium	Jerina A Emima S Dino J Seshathri N
Sprint- 3	Training and Testing	USN-5	Training the model and testing the performance of the model	2	Medium	Jerina A Emima S Dino J Seshathri N
Sprint- 4	Implementation of Web page	USN-6	Implementing the web page for collecting the data from user	2	High	Jerina A Emima S Dino J Seshathri N
Sprint- 4		USN-7	Deploying the model using IBM Cloud and IBM Watson Studio	2	Medium	Jerina A Emima S Dino J Seshathri N

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	22 Oct 2022	27 Oct 2022	20	28 Oct 2022
Sprint- 2	20	6 Days	29 Oct 2022	03 Nov 2022	20	04 Nov 2022
Sprint- 3	20	6 Days	05 Nov 2022	10 Nov 2022	20	11 Nov 2022
Sprint- 4	20	6 Days	12 Nov2022	17 Nov 2022	20	18 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: