

## Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID16369
Project Name	AI Powered Nutrition analyzer for Fitness Enthusiastics

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Download Food Nutrition Dataset	2	Medium	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1	Data Preprocessing	USN-2	Importing The Dataset into Workspace	1	Low	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1		USN-3	Handling Missing Data	3	Medium	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1		USN-4	Feature Scaling	3	Low	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1		USN-5	Data Visualization	3	Medium	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1		USN-6	Splitting Data into Train and Test	4	High	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-1		USN-7	Creating A Dataset with Sliding Windows	4	High	GAYATHRI PRRIYA D,GAYATHRI N,POONTHAZHAI D,MONISHA S
Sprint-2	Model Building	USN-8	Importing The Model Building Libraries	1	Medium	GAYATHRI N
Sprint-2		USN-9	Initializing The Model	1	Medium	GAYATHRI N

Sprint-2		USN-10	Adding LSTM Layers	2	High	GAYATHRI N
Sprint-2		USN-11	Adding Output Layers	3	Medium	GAYATHRI N
Sprint-2		USN-12	Configure The Learning Process	4	High	GAYATHRI N
<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2		USN-13	Train The Model	2	Medium	GAYATHRI N
Sprint-2		USN-14	Model Evaluation	1	Medium	GAYATHRI N
Sprint-2		USN-15	Save The Model	2	Medium	GAYATHRI N
Sprint-2		USN-16	Test The Model	3	High	GAYATHRI N
Sprint-3	Application Building	USN-17	Create An HTML File	4	Medium	POONTHAZHAI D
Sprint-3		USN-18	Build Python Code	4	High	POONTHAZHAI D
Sprint-3		USN-19	Run The App in Local Browser	4	Medium	POONTHAZHAI D
Sprint-3		USN-20	Showcasing Prediction On UI	4	High	POONTHAZHAI D
Sprint-4	Train The Model On IBM	USN-21	Register For IBM Cloud	4	Medium	MONISHA S
Sprint-4		USN-22	Train The ML Model On IBM	8	High	MONISHA S
Sprint-4		USN-23	Integrate Flask with Scoring End Point	8	High	MONISHA S

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	03 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 Nov 2022



