

## Project Planning Phase Milestones & Activities

Date	23 October 2022
Team ID	PNT2022TMID48637
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

S.No	Milestones	Activities	Team Members
1.	<b>Setting up application Environment</b>	Create Flask Project	Santhosh Prakash M Akash T
		Create IBM Cloud account	Santhosh Prakash M
		Install IBM Cloud CLI	Santhosh Prakash M Muthu Kumar P
		Docker CLI Installation	Santhosh Prakash M Manoj Kumar T
		Create an account in Sendgrid	Santhosh Prakash M Akash T
		Create an account in Nutrition API	Santhosh Prakash M Muthu Kumar P
2.	<b>Implementation of Web Application</b>	Create UI to interact with application	Santhosh Prakash M Muthu Kumar P
		Create IBM DB2 and Connect with Python	Santhosh Prakash M Akash T
		Integrate Nutrition API	Santhosh Prakash M Manoj Kumar T
3.	<b>Integrating SendGrid Service</b>	SendGrid integration with Python code	Santhosh Prakash M

4.	<b>Deployment of App in IBM Cloud</b>	Containerize the app	Santhosh Prakash M
		Upload Image to IBM Container Registry	Santhosh Prakash M Akash T
		Deploy in Kubernetes Cluster	Santhosh Prakash M Muthu Kumar P
5.	<b>Ideation Phase</b>	Literature Survey On The Selected Project & Information Gathering	Santhosh Prakash M Akash T
		Prepare Empathy Map	Santhosh Prakash M
		Ideation	Santhosh Prakash M Akash T Manoj Kumar T Muthu Kumar P
6.	<b>Project Design Phase - I</b>	Proposed Solution	Santhosh Prakash M Akash T
		Problem Solution Fit	Santhosh Prakash M Muthu Kumar P
		Solution Architecture	Santhosh Prakash M Manoj Kumar T
7.	<b>Project Design Phase - II</b>	Customer Journey	Santhosh Prakash M Manoj Kumar T
		Functional requirement	Santhosh Prakash M Muthu Kumar P
		Data Flow Diagrams	Santhosh Prakash M
		Technology Architecture	Santhosh Prakash M Akash T
8.	<b>Project Planning Phase</b>	Prepare Milestones & Activity List	Santhosh Prakash M
		Sprint Delivery Plan	Santhosh Prakash M Akash T

9.	<b>Project Development Phase</b>	Project Development – Delivery of Sprint – 1	Santhosh Prakash M Akash T
		Project Development – Delivery of Sprint – 2	Santhosh Prakash M Muthu Kumar P
		Project Development – Delivery of Sprint – 3	Santhosh Prakash M Manoj Kumar T
		Project Development – Delivery of Sprint - 4	Santhosh Prakash M Akash T