

Project Planning Phase Milestones & Activities

Date	6 NOVEMBER 2022
Team Id	PNT2022TMID02938
Project Name	Nutrition Assistant Application

S.No	Milestones	Activities	Team Members
1.	Setting up application Environment	Create Flask Project	Manivannan M Pavithra M Mega M Karthick G
		Create IBM Cloud account	Manivannan M Pavithra M Mega M Karthick G
		Install IBM Cloud CLI	Manivannan M Pavithra M Mega M Karthick G
		Docker CLI Installation	Manivannan M Pavithra M Mega M Karthick G
		Create an account in Sendgrid	Manivannan M Pavithra M Mega M Karthick G

		Create an account in Nutrition API	Manivannan M Pavithra M Mega M Karthick G
2.	Implementation of Web Application	Create UI to interact with application	Manivannan M Pavithra M Mega M Karthick G
		Create IBM DB2 and Connect with Python	Manivannan M Pavithra M Mega M Karthick G
		Integrate Nutrition API	Manivannan M Pavithra M Mega M Karthick G
3.	Integrating SendGrid Service	SendGrid integration with Python code	Manivannan M Pavithra M Mega M Karthick G

4.	Deployment of App in IBM Cloud	Containerize the app	Manivannan M Pavithra M Mega M Karthick G
		Upload Image to IBM Container Registry	Manivannan M Pavithra M Mega M Karthick G
		Deploy in Kubernetes Cluster	Manivannan M Pavithra M

5.	Ideation Phase	Literature Survey On The Selected Project & Information Gathering	Pavithra M Mega M
		Prepare Empathy Map	Manivannan M Pavithra M Mega M Karthick G

		Ideation	Manivannan M Pavithra M Mega M Karthick G
6.	Project Design Phase -I	Proposed Solution	Manivannan M Pavithra M Mega M Karthick G
		Problem Solution Fit	Manivannan M Pavithra M
		Solution Architecture	Mega M Karthick G
7.	Project Design Phase - II	Customer Journey	Manivannan M Karthick G
		Functional requirement	Pavithra M Mega M

		Data Flow Diagrams	Manivannan M Pavithra M Mega M
		Technology Architecture	Pavithra M Mega M
8.	Project Planning Phase	Prepare Milestones & Activity List	Manivannan M Pavithra M Mega M Karthick G
		Sprint Delivery Plan	Manivannan M Pavithra M Mega M Karthick G
9.	Project Development Phase	Project Development – Delivery of Sprint – 1	Manivannan M Pavithra M Mega M Karthick G
		Project Development – Delivery of Sprint – 2	Manivannan M Pavithra M Mega M Karthick G
		Project Development – Delivery of Sprint – 3	Manivannan M Pavithra M Mega M Karthick G
		Project Development – Delivery of Sprint - 4	Manivannan M Pavithra M Mega M Karthick G