

## Project Planning Phase Milestones & Activities

Date	01 November 2022
Team ID	PNT2022TMID01737
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	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
		Create IBM Cloud account	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
		Install IBM Cloud CLI	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
		Docker CLI Installation	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
		Create an account in Sendgrid	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
		Create an account in Nutrition API	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
2.	<b>Implementation of Web Application</b>	Create UI to interact with application	Jaisri V Ponpriya V
		Create IBM DB2 and Connect with Python	Poojahaarini L B Jayashree P
		Integrate Nutrition API	Ponpriya V Poojahaarini L B

3.	<b>Integrating SendGrid Service</b>	SendGrid integration with Python code	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
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4.	<b>Deployment of App in IBM Cloud</b>	Containerize the app	Jaisri V Jayashree P
		Upload Image to IBM Container Registry	Jaisri V Ponpriya V
		Deploy in Kubernetes Cluster	Jaisri V Ponpriya V PoojaHarini L B Jayashree P
5.	<b>Ideation Phase</b>	Literature Survey On The Selected Project & Information Gathering	Jaisri V Poojahanini L B
		Prepare Empathy Map	Ponpriya V Jaisri V
		Ideation	Poojahanini L B Jayashree P
6.	<b>Project Design Phase - I</b>	Proposed Solution	Jaisri V Jayashree P
		Problem Solution Fit	Ponpriya V Poojahanini L B
		Solution Architecture	Ponpriya V Jayashree P
7.	<b>Project Design Phase - II</b>	Customer Journey	Jaisri V Poojahanini L B
		Functional requirement	Jaisri V Ponpriya V
		Data Flow Diagrams	Poojahanini L B Jayashree P
		Technology Architecture	Ponpriya V Poojahanini L B
8.	<b>Project Planning Phase</b>	Prepare Milestones & Activity List	Jaisri V Jayashree P

		Sprint Delivery Plan	Ponpriya V Jayashree P
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9.	<b>Project Development Phase</b>	Project Development – Delivery of Sprint – 1	Jaisri V Ponpriya V
		Project Development – Delivery of Sprint – 2	Ponpriya V Poojaharini L B
		Project Development – Delivery of Sprint – 3	Poojaharini L B Jayashree P
		Project Development – Delivery of Sprint - 4	Jaisri V Jayashree P