

## Project Planning Phase Milestones & Activities

<b>Team Leader</b>	<b>Sakthi Priyanka.K</b>
Team Members	Inthirani.G
	Nanthini.M
	Sri varshini.B

S.No	Milestones	Activities	Team Members
1.	<b>Setting up application Environment</b>	Create Flask Project	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B
		Create IBM Cloud account	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B
		Install IBM Cloud CLI	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B
		Docker CLI Installation	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B
		Create an account in Sendgrid	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B

		Create an account in Nutrition API	Sakthipriyanka Inthirani.G Nanthini.M Sri varshini.B
2.	<b>Implementation of Web Application</b>	Create UI to interact with application	Sakthipriyanka Sri varshini.B
		Create IBM DB2 and Connect with Python	Inthirani.G Nanthini.M
		Integrate Nutrition API	Sakthipriyanka Sri varshini.B
3.	<b>Integrating SendGrid Service</b>	SendGrid integration with Python code	Inthirani.G Nanthini.M

4.	<b>Deployment of App in IBM Cloud</b>	Containerize the app	Sakthipriyanka Sri varshini.B
		Upload Image to IBM Container Registry	Inthirani.G Nanthini.M
		Deploy in Kubernetes Cluster	Sakthipriyanka Nanthini.M

5.	<b>Ideation Phase</b>	Literature Survey On The Selected Project & Information Gathering	Sakthipriyanka Inthirani.G
		Prepare Empathy Map	Sakthipriyanka Nanthini.M

		Ideation	Sakthipriyanka Inthirani.G
6.	<b>Project Design Phase - I</b>	Proposed Solution	Nanthini.M Sakthipriyanka
		Problem Solution Fit	Sakthipriyanka Inthirani.G
		Solution Architecture	Nanthini.M Sakthipriyanka
7.	<b>Project Design Phase - II</b>	Customer Journey	Sakthipriyanka Inthirani.G
		Functional requirement	Sakthipriyanka Inthirani.G

		Data Flow Diagrams	Nanthini.M Sakthipriyanka
		Technology Architecture	Sakthipriyanka Inthirani.G
8.	<b>Project Planning Phase</b>	Prepare Milestones & Activity List	Inthirani.G Nanthini.M
		Sprint Delivery Plan	Sakthipriyanka Sri varshini.B
9.	<b>Project Development Phase</b>	Project Development – Delivery of Sprint – 1	Inthirani.G Sri varshini.B
		Project Development – Delivery of Sprint – 2	Sakthipriyanka Nanthini.M
		Project Development – Delivery of Sprint – 3	Inthirani.G Nanthini.M
		Project Development – Delivery of Sprint - 4	Nanthini.M Sri varshini.B