

Project Planning Phase Milestones & Activities

Date	25 October 2022
Team ID	PNT2022TMID36392
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

S.No	Milestones	Activities	Team Members
1.	Setting up application Environment	Create Flask Project	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Create IBM Cloud account	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Install IBM Cloud CLI	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Docker CLI Installation	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Create an account in Sendgrid	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Create an account in Nutrition API	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
2.	Implementation of Web Application	Create UI to interact with application	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Create IBM DB2 and Connect with Python	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Integrate Nutrition API	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
3.	Integrating SendGrid Service	SendGrid integration with Python code	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P

4.	Deployment of App in IBM Cloud	Containerize the app	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Upload Image to IBM Container Registry	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Deploy in Kubernetes Cluster	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
5.	Ideation Phase	Literature Survey On The Selected Project & Information Gathering	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Prepare Empathy Map	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Ideation	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
6.	Project Design Phase -I	Proposed Solution	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Problem Solution Fit	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Solution Architecture	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
7.	Project Design Phase -II	Customer Journey	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Functional requirement	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Data Flow Diagrams	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P

		Technology Architecture	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
8.	Project Planning Phase	Prepare Milestones &Activity List	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Sprint Delivery Plan	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P

9.	Project Development Phase	Project Development –Delivery of Sprint – 1	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Project Development –Delivery of Sprint – 2	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Project Development –Delivery of Sprint – 3	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P
		Project Development –Delivery of Sprint - 4	Muthulakshmi B Sudharsan K Vignesh M Gokul Raj P

