Project Planning Phase
Milestones & Activities

Date	23 October 2022
Team ID	PNT2022TMID21435
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

S.No	Milestones	Activities	Team Members
1.	**Setting up application Environment**	Create Flask Project	Thilak Aswin T Soundharya Bharani P
		Create IBM Cloud account	Thilak Aswin T
		Install IBM Cloud CLI	Thilak Aswin T Sanjith N
		Docker CLI Installation	Thilak Aswin T Mohamed Faruk K
		Create an account in Sendgrid	Thilak Aswin T Soundharya Bharani P
		Create an account in Nutrition API	Thilak Aswin T Mohamed Faruk K
2.	**Implementation of Web Application**	Create UI to interact with application	Thilak Aswin T Mohamed Faruk K
		Create IBM DB2 and Connect with Python	Thilak Aswin T Soundharya Bharani P
		Integrate Nutrition API	Thilak Aswin T Sanjith N
3.	**Integrating SendGrid Service**	SendGrid integration with Python code	Thilak Aswin T

4.	Deployment of App in IBM Cloud	Containerize the app	Thilak Aswin T
		Upload Image to IBM Container Registry	Thilak Aswin T Soundharya Bharani P
		Deploy in Kubernetes Cluster	Thilak Aswin T Mohamed Faruk K
5.	Ideation Phase	Literature Survey On The Selected Project & Information Gathering	Thilak Aswin T Soundharya Bharani P
		Prepare Empathy Map	Thilak Aswin T
		Ideation	Thilak Aswin T Soundharya Bharani P Mohamed Faruk K Sanjith N
6.	Project Design Phase - I	Proposed Solution	Thilak Aswin T Soundharya Bharani P
		Problem Solution Fit	Thilak Aswin T Mohamed Faruk K
		Solution Architecture	Thilak Aswin T Sanjith N
7.	Project Design Phase - II	Customer Journey	Thilak Aswin T Sanjith N
		Functional requirement	Thilak Aswin T Mohammed Faruk K
		Data Flow Diagrams	Thilak Aswin T
		Technology Architecture	Thilak Aswin T Soundharya Bharani P
8.	Project Planning Phase	Prepare Milestones & Activity List	Soundharya Bharani P
		Sprint Delivery Plan	Thilak Aswin T

9.	**Project Development Phase**	Project Development – Delivery of Sprint – 1	Thilak Aswin T Soundharya Bharani P
		Project Development – Delivery of Sprint – 2	Thilak Aswin T Mohamed Faruk K Sanjith N Soundharya Bharani P
		Project Development – Delivery of Sprint – 3	Thilak Aswin T Mohamed Faruk K Sanjith N Soundharya Bharani P
		Project Development – Delivery of Sprint - 4	Thilak Aswin T Mohamed Faruk K Sanjith N Soundharya Bharani P