

Project Planning Phase Milestones & Activities

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S.No	Milestones	Activities	Team Members
1.	Setting up application Environment	Create Flask Project	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Create IBM Cloud account	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Install IBM Cloud CLI	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Docker CLI Installation	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Create an account in Sendgrid	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Create an account in Nutrition API	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S

2.	Implementation of Web Application	Create UI to interact with application	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Create IBM DB2 and Connect with Python	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Integrate Nutrition API	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
3.	Integrating SendGrid Service	SendGrid integration with Python code	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S

4.	Deployment of App in IBM Cloud	Containerize the app	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Upload Image to IBM Container Registry	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Deploy in Kubernetes Cluster	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
5.	Ideation Phase	Literature Survey On The Selected Project & Information Gathering	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Prepare Empathy Map	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S

		Ideation	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
6.	Project Design Phase - I	Proposed Solution	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Problem Solution Fit	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Solution Architecture	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
7.	Project Design Phase - II	Customer Journey	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Functional requirement	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Data Flow Diagrams	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Technology Architecture	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
8.	Project Planning Phase	Prepare Milestones & Activity List	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S

		Sprint Delivery Plan	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
9.	Project Development Phase	Project Development – Delivery of Sprint – 1	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Project Development – Delivery of Sprint – 2	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Project Development – Delivery of Sprint – 3	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S
		Project Development – Delivery of Sprint - 4	B Hemasai T Kodandaramudu K ChennaKeshavaReddy HariPrakesh.S