Project Planning Phase
Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID43323
Project Name	Inventory Management System for Retailers

Activity List

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Duration (Start to End Date)	Status
SETTING UP APPLICATION ENVIRONMENT					
1	Create Flask Project	An application Framework written in Python	Nikhil, Priyanka	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	Abinesh, Prema, Sowmiya Priya	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM Cloud Account	Abinesh, Sowmiya Priya	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	Abinesh, Prema, Sowmiya Priya	24 Oct 2022 to 29 Oct 2022	Completed
5	Create Account in Sendgrid	Create account in SendGrid to send mails	Abinesh, Prema, Sowmiya Priya	31 Oct 2022 to 5 Nov 2022	Completed
IMPLEMENTING WEB APPLICATION					
6	Create UI to Interact with Application	Pages such as Registration, Login page Displaying items etc.	Nikhil, Priyanka	07 Nov 2022 to 12 Nov 2022	Completed

7	Create IBM Db2 and connect with Python	Create IBM Db2 service in IBM Cloud and connect with python code using DB.	Abinesh, Prema, Sowmiya Priya	07 Nov 2022 to 12 Nov 2022	Completed
INTEGRATING SENDGRID SERVICES					
8	SendGrid Integration with Python Code	To send emails from the applications we need to integrate the SendGrid Service.	Priyanka, Sowmiya Priya	07 Nov 2022 to 12 Nov 2022	Not Completed
DEPLOYMENT OF APP IN IBM CLOUD					
9	Containerize the App	Need to create Docker Image of the application and push into the IBM Container Registry	Nikhil, Prema, Sowmiya Priya	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image to IBM Container Registry	Upload the Image to IBM Container Registry	Abinesh, Prema, Priyanka	14 Nov 2022 to 19 Nov 2022	Not Completed
11	Deploy in Kubernetes Cluster	Once the image is uploaded the IBM Container registry deploy the image to IBM Kubernetes Cluster	Abinesh, Nikhil	14 Nov 2022 to 19 Nov 2022	Not Completed
IDEATION PHASE					
12	Literature Survey on the Selected Project and Information Gathering	Literature survey on selected project and gathering information by referring the project's related technical papers, research publications, etc.	Priyanka	28 Sep 2022	Completed
13	Prepare Empathy Map	Prepare empathy map canvas to capture the user's pains & gains and prepare the list of problem statements.	Priyanka	24 Sep 2022	Completed

14	Ideation	To list by the organizing brainstorm sessions and prioritize the top three ideas based on the feasibility and importance.	Priyanka	25 Sep 2022	Completed
PROJECT DESIGN PHASE - I					
15	Proposed Solution	To prepare the proposed solution documents, which includes the novelty, feasibility of ideas, business model, social impact, scalability of the solution, etc.	Priyanka	23 Sep 2022	Completed
16	Problem Solution Fit	Preparing the problem solution fit document.	Priyanka	30 Sep 2022	Completed
17	Solution Architecture	To prepare the solution architecture document	Priyanka	28 Sep 2022	Completed
PROJECT DESIGN PHASE - II					
18	Customer Journey	Prepare the customers journey map help the customers understand the user interaction and experiences with the application from the beginning to the end.	Priyanka	20 Oct 2022	Completed
19	Functional Requirement	Prepare the functional requirement document.	Priyanka	8 Oct 2022	Completed
20	Data Flow Diagrams	Draw the data flow diagrams and submit for the review	Priyanka	9 Oct 2022	Completed
21	Technology Architecture	Prepare technical architecture diagram.	Priyanka	10 Oct 2022	Completed
PROJECT PLANNING PHASE					
22	Prepare Milestone and Activity List	Prepare the milestones and activity of the project.	Priyanka	22 Oct 2022	Completed

23	Sprint Delivery Plan	Prepare the sprint delivery plan	Priyanka	22 Oct 2022	Completed
PROJECT DEVELOPMENT PHASE					
24	Delivery of Sprint-1	Develop and submit the developed code by testing it and having no errors.	Priyanka	24 Oct 2022 to 29 Oct 2022	In Progress
25	Delivery of Sprint-2	Develop and submit the developed code by testing it and having no errors.	Priyanka	31 Oct 2022 to 5 Nov 2022	In Progress
26	Delivery of Sprint-3	Develop and submit the developed code by testing it and having no errors.	Priyanka	7 Nov 2022 to 12 Nov 2022	In Progress
27	Delivery of Sprint-4	Develop and submit the developed code by testing it and having no errors.	Priyanka	14 Nov 2022 to 19 Nov 2022	In Progress