

MILESTONE & ACTIVITY LIST

Date	8 November 2022
Team ID	PNT2022TMID12465
Project Name	News Tracker Application
Maximum Marks	4 Marks

MILESTONE

Setting up Application Environment	M-01	To install and setup Flask in virtual environment	Yes
		Create IBM account to access IBM services(IBM DB2, chatbot, object storage)	Yes
		Install IBM Cloud CLI	Yes
		Install Docker and Docker CLI	Yes
		Create account in SendGrid and use it for transactions and emaildelivery.	Yes

Implementing Web Application	M-02	Create UI to interact with application - 1. Registration Page 2. Login Page 3. Dashboard	No
		Create IBM DB2 and connect with python.	Yes
Deployment of App in IBM Cloud	M-03	Create Docker image for Flask App, Upload image to container registry and deploy on Kubernetes	No
Ideation Phase	M-04	Prepare Literature Survey, Empathy Map and Ideation.	Yes
Project Design Phase-I	M-05	Prepare Proposed solution , problem-solution fit and Solution Architecture	Yes
Project Design Phase-II	M-06	Prepare Customer journey ,functional requirements,Data flow diagram and Technology Architecture	Yes
Project Planning Phase	M-07	Prepare Milestone list , Activity list and Sprint Delivery Plan	Yes
Project Development Phase	M-08	Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4	No

ACTIVITY LIST

ACTIVITY NUMBER	ACTIVITY	SUB ACTIVITY	ASSIGNED TO	STATUS
1.	SETTING UP APPLICATION ENVIRONMENT	1.1 To install and setupFlask in virtual environment 1.2 Create IBM accountto access IBM services(IBM DB2, chatbot,object storage) 1.3 Install IBM Cloud CLI 1.4 Install Docker andDocker CLI 1.5 Create account in SendGrid and use it fortransactions and email delivery.	All Members	Completed
2.	IMPLEMENTING WEB APPLICATION	2.1 Create UI tointeract with application - 2.1. 1. RegistrationPage 2.1.2 Login PageDashboard 2.2 Create IBM DB2and connect with python.	All Members	In Progress
3	DEPLOYMENT OFAPP IN IBM CLOUD	Create Docker image for FlaskApp, Upload image to containerregistry and deploy on Kubernetes	All Members	In Progress

4	IDEATION PHASE	4.1 LiteratureReview. 4.2 Empathy map. 4.3 Ideation.	All Members	Completed
5	PROJECT DESIGN PHASE – I	5.1 ProposedSolution 5.2 Problem SolutionFit. 5.3 Solution Architecture	All Members	Completed
6	PROJECT DESIGN PHASE - II	6.1 Customer journey. 6.2 Functional requirement. 6.3 Data flow Diagrams. 6.4 Technology Architecture.	All Members	Completed

7	PROJECT PLANNINGPHASE	7.1 Prepare milestonesand activitylists. 7.2 Sprint deliveryplan.	All Members	Completed
8	PROJECT DEVELOPMENT PHASE	8.1 Project development-Delivery ofSprint-1. 8.2 Project development-Delivery ofSprint-2. 8.3 Project development-Delivery ofSprint-3. 8.4 Project development-Delivery ofSprint-4.	All Members	In Progress