

MILESTONE AND ACTIVITYLIST

Date	14 November 2022
TeamID	PNT2022TMID31164
ProjectName	NewsTrackerApplication
MaximumMarks	4Marks

MILESTONE

Setting upApplication Environment	M-01	To installandsetupFlaskinvirtualenvironment	Yes
		CreateIBMaccounttoaccessIBMServices(IBMDB2, chatbot,objectstorage)	Yes
		InstallIBMCloudCLI	Yes
		InstallDockerandDockerCLI	Yes

		Create account in SendGrid and use it for transactions and email delivery.	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

ACTIVITYLIST

ActivityNumber	Activity	SubActivity	AssignedTo	Status
1.	Setting upApplication Environment	1.1 ToinstallandsetupFlaskinvirtualenvironment 1.2 Create IBM accounttoaccessIBM services(IBM DB2, chatbot,objectstorage) 1.3 InstallIBMCloudCLI 1.4 InstallDockerandDocker CLI 1.5 Create account inSendGridanduseitfortransactions and emaildelivery.	AllMembers	Completed
2.	Implementing WebApplication	2.1 Create UI tointeract withapplication- 2.1. 1. RegistrationPage 2.1.2LoginPageDashboard 2.2CreateIBMDB2and connect withpython.	AllMembers	InProgress
3.	DeploymentofApp in IBMCloud	Create DockerimageforFlaskApp, Upload	AllMembers	InProgress

		imager to container registry and deploy on Kubernetes		
4.	IDEATION PHASE	4.1 Literature Review. 4.2 Empathy map. 4.3 Ideation.	All Members	Completed
5.	PROJECT DESIGN PHASE-I	5.1 Proposed Solution 5.2 Problem Solution Fit. 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 PLANNING PHASE	<p>7.1 Prepare milestones and activity lists.</p> <p>7.2 Sprint delivery plan.</p>	All Members	Completed
8.	PROJECT DEVELOPMENT PHASE	<p>8.1 Project development-Delivery of Sprint-1.</p> <p>8.2 Project development-Delivery of Sprint-2.</p> <p>8.3 Project development-Delivery of Sprint-3.</p> <p>8.4 Project development-Delivery of Sprint-4.</p>	All Members	In Progress