

MILESTONE & ACTIVITY LIST

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| Date | 28 October 2022 |
| Team ID | PNT2022TMID19523 |
| Project Name | News Tracker Application |
| Maximum Marks | 4 Marks |

MILESTONE

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|-------------------------------------------|------|------------------------------------------------------------------------------|-----|
| 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 email delivery. | Yes |

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| 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 |

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| 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 |

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| 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 |