PROJECT PLANNING PHASE

MILESTONES AND ACTIVITY LIST

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| Date | 14 November 2022 |
| Team id | PNT2022PMID25179 |
| Project name | Smart Fashion Recommender Application |
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| Milestones | Activities | Description | |
| Project Development Phase | Delivery of Sprint–1,2,3,4 | To develop the code and submit the developed code by test in git | |
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| Setting up App environment | Create IBM Cloud account | Signup for an IBM Cloud account. | |
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|  | Create flask project | Getting started with Flask to create project | |
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|  | Install IBM Cloud CLI | Install IBM Command Line Interface | |
|  |  |
|  | Docker CLI Installation | Installing Docker CLI on laptop | |
|  | Create an account in send grid | Create an account in send grid. | |
| Use the service as email | |
| Integration to our application for sending emails | |
| Implement web Application | Create UI to interact with Application |  | Create UI |
|  |  | Registration page |
|  |  |  | Login page |
|  |  |  | View products page |
|  |  |  | Add products page |
|  | Create IBMDB2 & connect with python. | Create IBMDB2 service in IBM. Cloud and connect with python cloud and connect with python code with DB. | |
| Integrating SendGrid service | SendGrid integration with python. | To send emails form the application we need to integrate the SendGrid service. | |
| Developing a chatbot | Building a chatbot and integrate to application. | Build the chatbot and integrate it to the flask application. | |
| Deployment of App in IBM Cloud. | Containerize the App. | Create a docker image of your application and push it to the IBM container registry. | |
|  | Upload image to IBM container registry. | Upload the image to IBM container registry. | |
|  | Deploy in Kubernetes cluster | Once the image is uploaded to IBM Container registry deploy the image to IBM Kubernetes cluster. | |

Finished tasks (Milestones & Activities)

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| Milestones | Activities | Description |
| Ideation Phase | Literature Survey | Literature survey on the selected project & information gathering. |
|  | Empathy Map | Capture the user Panis & Gains, prepare list of problem statement. |
|  | Ideation | Organizing the brain storming session and prioritize the top 3 ideas based on feasibility & Importance. |
| Project Design Phase I | Proposed Solution | Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, scalability of solution. |
|  | Problem Solution Fit | Prepare problem solution fit document. |
|  | Solution Architecture | Prepare solution architecture document. |
| Project Design Phase II | Customer Journey | Prepare customer journey map to understand the user interactions & experience with the application. |
|  | Functional Requirement | Prepare functional and Non – Functional document. |
|  | Data Flow Diagram | Prepare data flow diagram and user stories. |
|  | Technology architecture | Draw the technology architecture diagram |
| Project Planning Phase | Milestones & Activity List | Prepare milestones and activity list of the project. |
|  | Sprint Delivery Plan | Prepare print delivery plan |