

Project Planning Phase

Project Planning (Milestones & Activity List)

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| Date | 30 October 2022 |
| Batch no | B3-3M5E |
| Project Name | Smart Fashion Recommender Application |

Remaining tasks (Milestones & Activities) to be completed

| Milestones | Activities | Description |
|--------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Development Phase | Delivery of Sprint – 1,2,3,4 | To develop the code and submit the developed code by testing it |
| Setting up App environment | Create IBM Cloud account | Signup for an IBM Cloud account |
| | Create flask project | Getting started with Flask to create project |
| | Install IBM Cloud CLI | Install IBM Command Line Interface |
| | Docker CLI Installation | Installing Docker CLI on laptop |
| | Create an account in sendgrid | Create an account in sendgrid. Use the service as email integration to our application for sending emails |
| Implementing web Application | Create UI to interact with Application | Create UI <ul style="list-style-type: none"> • Registration page • Login page • View products page • Add products page |
| | Create IBM DB2 & connect with python | Create IBM DB2 service in IBM 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 Kebernetes cluster |

Finished tasks (Milestones & Activities)

| Milestones | Activities | Description |
|-------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ideation Phase | Literature Survey | Literature survey on the selected project & information gathering |
| | Empathy Map | Prepare Empathy map to capture the user Pains & Gains, prepare list of problem statement |
| | Ideation | Organizing the brainstorming session and prioritise 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 & non functional requirement 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 sprint delivery plan |