

PROJECT PLANNING PHASE

PREPARE MILESTONE AND ACTIVITY LIST

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| TEAM ID | PNT2022TMID52257 |
| PROJECT NAME | Smart Fashion Recommender Application |

Remaining Task:

| MILESTONES | ACTIVITY | DESCRIPTION |
|--------------------------------|--|---|
| Project development phase | Delivery of Sprint-1,2, 3, 4 | To develop the code and submit the develop the code after completion of testing |
| Setting-up app environment | Create IBM cloud account | Sign up IBM cloud account |
| | Create flask project | Getting started with the flask to create project |
| | Install IBM cloud cli | Install IBM command line interface (CLI) |
| | Docker CLI installation | Installing docker CLI |
| | Create an account in sendgrid | Create an account in sendgrid Use service as e-mail integration to the application for sending emails |
| Implementing web application | Create UI to interact with the application | Create UI <ul style="list-style-type: none"> ✓ registration page ✓ login page ✓ view products page ✓ add products page |
| | Create IBM DB2 and connect with the Python | Create IBM DB2 in IBM cloud and link with the Python |
| Integrating sendgrid service | Sendgrid integration with the Python | To send emails from the application we need to integrate the sendgrid services |
| Developing a chat bot | Building a chat bot and integrate with the application | Build the chat bot and integrate it to the flask application |
| Deployment of app in IBM cloud | Containerise the app | Create a docker image of the application in addition to push it to the IBM container registry |
| | Upload image to IBM container registry | Upload the image to IBM container registry |
| | Deploy in in kubernetes cluster | Once the image is uploaded to IBM container registry deploy the image toward IBM kubernetes cluster |

Completed Tasks:

| MILESTONES | ACTIVITY | DESCRIPTION |
|------------------------|------------------------------|---|
| Ideation phase | Literature survey | Literature survey on the selected project and information gathering |
| | Empathy map | Prepare empathy map to capture the user pains and gains, prepare a list of problem statement |
| | Ideation | Organising the brainstorming session and prioritise the top three ideas based on feasibility and importance |
| Project design phase 1 | 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 documents |
| | Solution architecture | Prepare solution architecture document |
| Project design phase 2 | Customer journey map | Prepare customer journey map to understand the user interactions and experience with the application |
| | Functional requirements | Prepare functional and non-functional necessity document |
| | Data flow diagram | Prepare data flow diagram and user stories |
| | Technology architecture | Draw technology architecture diagram |
| Project planning phase | Milestones and activity list | Prepare milestones and activity list of the project |
| | Sprint delivery plan | Prepare sprint delivery plan |