

## E-commerce Application on IBM Cloud Foundry

### Phase 2:

#### Problem Definition and Design Thinking:

In this part we need to understand the problem statement and create a document on what have we understood and how will we proceed ahead with solving the problem.

We think on a design and overall building of the application and present in form of a document.

#### Problem Definition:

The project is to build an artisanal e-commerce platform using IBM Cloud Foundry. The goal is to connect skilled artisans with a global audience, showcasing their handmade products and providing features like secure shopping carts, payment gateways, and an intuitive checkout process. This involves designing the e-commerce platform, implementing necessary features, and ensuring a seamless user experience. Also to ensure that both the seller and buyer are satisfied with the features and platform of this application.

#### Designing:

- First we plan the overall design of the application like position of the search bar, products, profile etc.
- First step is to design a login page for the application with privacy. It consists of email id and password.
- Next we design the elements that should be maintained in the user's profile like phone number, address that include pin code, city and state. It also consist of ordered products and cart.
- Next the home page of the application is designed. It is scrollable. The opening page consist of search bar and below it all the offers and live sale details will be displayed.
- When scrolling it down all other products options will be in display with trending products that is sold fast
- The product buying page consist of all payment methods that include EMI and cash on delivery with available card offers.
- It also consist of the date on which the product will be delivered with tracking.

