**Cloud Application Development**

**Project :** E-Commerce App

**Phase 1 :** Project Definition and Design Thinking

The project is to build an handcraft e-commerce app platform using IBM Cloud Foundry .The goal is to connect skilled handcraftors 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 plateform , Implementing necessary features, and ensuring a seamless user experience.

**Project Definition :**

Our project definition is to make a smooth communication between handcraftors and customers, It should be safe to everyone,safe payment gateway,User friendly , responsive and easy to use

**Design Thinking:**

1. **Platform Design :** Design the platform layout with sections for product categories,individual product pages,shopping cart,checkout,and payment.
2. **Product Showcase :** Create a database to store product information such as images,descriptions,prices,and categories.
3. **User Authentications :** Implement user registrations and authentication features to enable handcraftors and customers to access the platform.
4. **Shopping cart and checkout :** Design and develop the shopping cart functionality and a smooth checkout process.
5. **Payment integration :** Integration secure payment gateways to facilitate transactions.
6. **User Experience :** Focus on providing an intuitive and visually appealing user experience for both handcraftors and customers.