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| detail of persons hands with scissors, markers, workingE-Commerce  Task-1 |

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# Requirements

## Functional Requirements

The application shall perform all the operations that are necessary for an e-commerce website. The application shall authenticate the user while signing in. The application shell display all of the products that are posted by the seller (Admin) and displays all of the products in a sequence such that products show in their respective categories. The application shall also maintain the stock of the product.

## Products Requirements

All the products posted on the application should contain the rates, category, stock, model, and brand. For advertisements, there should be a large display on the main page that will toggle some attractive images.

## User Entities

There will be two users on the application:

1. The Buyer

The Buyer will be able to log in or log out to the Application, and will be able to see all the products and their descriptions, rate, brand, and type of product. The user may add their favorite products to the cart.

1. The Seller or Admin

The Admin will be able to add the products, and can also change the carousel pictures. The admin will be able to see the list of orders sent by the buyers and check out.

## User Authentication

The application shall check the authentication of the user that pretends to purchase something. If the user is not authentic then the user may not be able to add the products to their cart.

## Application View

The application will contains the pages:

* Sign-in Page
* Sign-Up page
* Main Page
* Cart view
* Product Detail View
* Admin Product Post View

|  |
| --- |
| Views  1. Main Page   Logo  Login  Active Image  Caraousel |

Image

title

Image

title

Image

Title

Image

Title

Deal Offers

Footer

Containing Contact information

Cancel

1. Product Detail Page

Price

Description

Brand

Model

Images

Details

1. Order Page

Cancel

Confirm Order

1. Admin Add Post

Cancel

Post Product

1. Login Page

Login

Login Here

1. Sign up Page

Login

Sign Up here