**Online Selling and Buying App**

|  |  |  |
| --- | --- | --- |
| **1** | **Name of the Project** | **Selling and Buying App** |
| **2** | **Objective/ Vision** | Build a system to sell and buy the  any products like olx system. direct from the owner. It will increase the reach of the seller world wide and customers can have variety of products online at a single place. |
| **3** | **Users of the System** | All Internet users |
| **4** | **Functional Requirements** | 1. User Should be able to register (different registration for admin and normal user) 2. User Should able to login.(different login for admin and normal user)      1. User Should able to Post the products. 2. User Should able to see the products posted by Admin. 3. User should able to add the products in cart. 4. User should able to see the order history. |
| **5** | **Non-functional requirements** | 1. App should be responsive to display consistently across multiple device screens. 2. Dockerize the whole application (create Docker file,   docker-compose.yml and get it executed through docker compose) 3. Use JWT token for Authentication. |
| **6** | **Tools and Technologies to be used** | 1. Middleware :  Asp.Dotnetcore API 2. Frond end    :  React 3. Data Store   : SqlServer |

### Architecture Diagram

Design the application ideally with a typical 3-tier architecture with a presentation layer (view), business tier and the data access tier (where you’d use ADO.Net/EF)

