**Class Based Modeling**

**General Classification**:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Noun | General Classification | | | | | | | Remarks |
| External | Things | Events | Roles | Units | Places | Structure |
|  | E-commerce | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | sign-in page | **×** | ✓ | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | User | **×** | **×** | **×** | ✓ | **×** | **×** | **×** | ✓ |
|  | Consumers | **×** | **×** | **×** | ✓ | **×** | **×** | **×** | ✓ |
|  | Admin | **×** | **×** | **×** | ✓ | **×** | **×** | **×** | ✓ |
|  | Website | **×** | **×** | **×** | **×** | **×** | **×** | ✓ |  |
|  | **Home page** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | password | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Name | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Email Address | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Profile | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Search bar | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Product | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Product name | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Product Brand | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Popular Products | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Display | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Picture | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Other specifications | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | **Product page** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Title of the Product | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Description | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Price | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Quantity | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Number of Products | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Review of the Product | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Consumer’s cart | **×** | ✓ | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | **Shopping Cart** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | List of the Products | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Cart | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Subtotal | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | **Shipping Page** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Address | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | City | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Country | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | House | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Block | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Road Number | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Suggestion List | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | **Payment** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Bkash | ✓ | **×** | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Credit/DebitCard Number | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Cash | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Bkash Number | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Notification | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Account Number | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Amount | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | **Page** | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Information | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Shipping Information | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Payment Information | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Ordered Items Information | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Methods | **×** |  | **×** | **×** | **×** | **×** | ✓ |  |
|  | Other Details | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Ordered Items | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | List of the Items | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Order Details of the Product | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Module | **×** | ✓ | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Shipping Details | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Id | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Total cost | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Delivered Details | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Number | **×** | **×** | **×** | **×** | **×** | **×** | **×** |  |
|  | Responsibilities | **×** | **×** | **×** | **×** | ✓ | **×** | **×** | ✓ |
|  | Product Management | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Consumer Management | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Stocked Products | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |
|  | Placed Order | **×** | **×** | **×** | **×** | **×** | **×** | ✓ | ✓ |
|  | Image | **×** | ✓ | **×** | **×** | **×** | **×** | **×** | ✓ |

Potential Noun:

* E-commerce
* User
* sign-in page
* Consumers
* Admin
* Website
* Home page
* Profile
* Search bar
* Product
* Product name
* Product Brand
* Popular Products
* Display
* Picture
* Other specifications
* Product page
* Title of the Product
* Description
* Review of the Product
* Consumer’s cart
* Shopping Cart
* List of the Products
* Cart
* Shipping Page
* Suggestion List
* Payment
* Bkash
* Cash
* Notification
* Page
* Information
* Shipping Information
* Payment Information
* Ordered Items Information
* Methods
* Other Details
* Ordered Items
* List of the Items
* Order Details of the Product
* Module
* Shipping Details
* Delivered Details
* Responsibilities
* Product Management
* Consumer Management
* Stocked Products
* Placed Order
* Image