For The Application/

We building a one-side e-commerce web system (API) Using Django and Django RestFramework.

Discussing What the main features Included in the app:

For Company

* The Company can add Product and Category, Brands) (with API)
* The Company delete, editing also products using Django Admin (with API)
* The Company can see Orders
* The Company can make a Track for sending orders to the User

For User /

* The user can create an account in-app
* The user can place an order in the app
* The user can chat with Support
* The user can pay into app (version 2)

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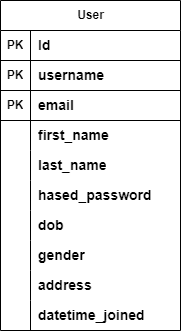
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# Sprint One

# ( Building Account Model with Authentication Features)

## User Model (ER)

Sample Image Desibe The User can contain:



This First Data can Needed To User can collect from User

## Authentication Features

#### **1. User Registration**

**As a** new user  
**I want to** register for an account  
**So that** I can access the e-commerce platform

* **Acceptance Criteria:**
  + The user can provide a name, email, and password.
  + The system will validate that the email is unique.
  + The system will validate the password and confirm password fields match.
  + The user receives a confirmation email upon successful registration.

#### **2. User Login**

**As a** registered user  
**I want to** log in to my account  
**So that** I can access my profile and make purchases

* **Acceptance Criteria:**
  + The user can log in using their email and password.
  + The system will validate the user's credentials.
  + The user receives a JWT token upon successful login.
  + The user can use the token to access authenticated endpoints.

#### **3. Edit User Profile**

**As a** registered user  
**I want to** update my profile information  
**So that** my account information is accurate and up-to-date

* **Acceptance Criteria:**
  + The user can update their phone number, date of birth, gender, address, and profile image.
  + The system will save the updated information to the user's profile.

#### **4. Change Password**

**As a** registered user  
**I want to** change my password  
**So that** I can ensure my account remains secure

* **Acceptance Criteria:**
  + The user can change their password by providing the old password and the new password.
  + The system will validate the old password.
  + The system will update the user's password if the old password is correct and the new passwords match.

### **User Flows**

#### **User Registration Flow**

1. **Navigate to the Registration Page**
   * The user accesses the registration page on the e-commerce platform.
2. **Fill in the Registration Form**
   * The user enters their name, email, and password, and confirms the password.
3. **Submit Registration Form**
   * The user submits the registration form.
4. **Validation and Confirmation**
   * The system validates the input fields.
   * The system checks if the email is unique.
   * The system confirms that the passwords match.
   * If validation passes, the system creates a new user account.
5. **Receive Confirmation Email**
   * The user receives a confirmation email upon successful registration.

#### **User Login Flow**

1. **Navigate to the Login Page**
   * The user accesses the login page on the e-commerce platform.
2. **Fill in the Login Form**
   * The user enters their email and password.
3. **Submit Login Form**
   * The user submits the login form.
4. **Validation and Authentication**
   * The system validates the user's credentials.
   * If the credentials are correct, the system generates a JWT token.
5. **Access Authenticated Endpoints**
   * The user uses the JWT token to access authenticated endpoints on the platform.

#### **Edit User Profile Flow**

1. **Navigate to the Profile Page**
   * The user accesses their profile page on the e-commerce platform.
2. **Fill in the Profile Form**
   * The user updates their phone number, date of birth, gender, address, and profile image.
3. **Submit Profile Form**
   * The user submits the profile form.
4. **Save Updates**
   * The system saves the updated information to the user's profile.

#### **Change Password Flow**

1. **Navigate to the Change Password Page**
   * The user accesses the change password page on the e-commerce platform.
2. **Fill in the Change Password Form**
   * The user enters their old password, and the new password, and confirms the new password.
3. **Submit Change Password Form**
   * The user submits the change password form.
4. **Validation and Update**
   * The system validates the old password.
   * The system confirms that the new passwords match.
   * If validation passes, the system updates the user's password.