- Amazon Website -

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- 1. User
- 2. Product
- 3. Order

User Model Validations

Items that should be validated: username, user email, password, mobile number, age.

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*Username:

@NotEmpty(message = "Name can't be empty!")

@Size(min= 7, max= 20, message = "Name length/number of letters must be in this range(7-20)")

@Pattern(regexp = "^[A-Za-z]+$", message = "Name must be letters only without numbers!")

Private String name;

*User Email:

@NotEmpty(message = "Email can't be empty!")

@Email(message = "Invalid email format!")

Private String email;

*Mobile number:

@NotEmpty(message = "Mobile number can't be empty!")

@Pattern(regexp = "^05\\d{8}$", message = "Mobile number must start with '05' and be 10 digits.")

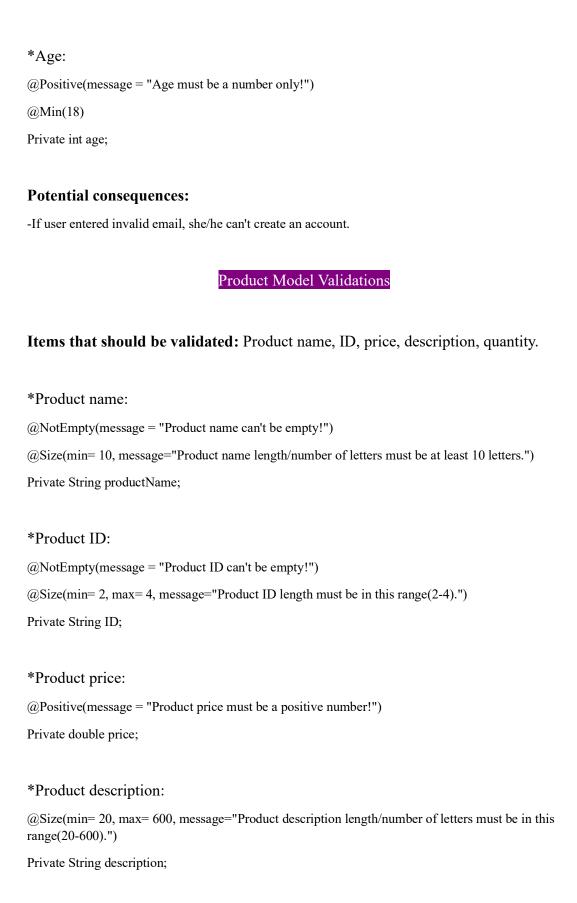
Private String mobileNumber;

*Password:
```

@Pattern(regexp = "^(?=.*[0-9])(?=.*[a-z])(?=.*[A-Z])(?=.*[!@#&()-[{}]:;',?/*~\$^+=<>]). {8,20}\$", message = "Password must contain at least one upper case, lower case, number, and special character.")

@NotEmpty(message = "Password can't be empty!")

Private String password;



*Product quantity:
@Positive(message= "Product quantity can't be negative number!")
Private int quantity;
Potential Consequences:
-If the product ID (unique value) allow to be empty, the same product maybe duplicated.
Order Model Validations
Items that should be validated: Order ID, user id, order price, status, shipping address.
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*O.1 ID.
*Order ID:
<pre>@NotEmpty(message = "Order number can't be empty!")</pre>
@Pattern(regexp= "^(?=.*[0-9])(?=.*[a-z])(?=.*[A-Z]).*\$", message= "Order ID must contain numbers, lower case, and upper case letters.")
@Size(min = 8, max = 8, message = "Order ID must be exactly 8 characters.")
Private String ID;
*User email:
@NotEmpty(message = "User email can't be empty!")
Private String userEmail;
*Order price:
@Positive(message = "Order total price must be positive number only!")
Private double order_price;
*Order status:
<pre>@NotEmpty(message = "Order status can't be empty!")</pre>
@Pattern(regexp ="^(Cancelled Pending Shipped Delivered)\$", message= "Order status must be \"Cancelled\" or \" Pending\" or \" Shipped\", or \" Delivered\" only!")

Private String status;

*Shipping address:

- @NotEmpty(message = "Shipping address can't be empty!")
- @Size(max= 100, message="Shipping address can't be more than 100 characters!")

Private String shippingAddress;