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Building Register Model

I designed the majority of the register model. This includes the email requirement, second password verification, minimum password verification and user creation. The testing was completed manually by hand using both the local and live version of the website. The testing included trying to use the same username twice, trying to enter something other than an email, trying to enter a password of less than 8 characters, and trying to enter two different passwords.

`ecommerce/forms.py`
`class RegisterForm`

> This is a form that stores the user information required to register as a user. These include username, email, password, and password2.

`def clean_username`

> This is used to verify the username. It checks whether the username already exists and if so, throws an error message.

`def clean_email`

> This is used to verify the email address. It checks whether the email already exists and if so, throws an error message.

`def clean`

> This is used to verify the passwords. First it checks whether the password contains at least 8 characters for security purposes and then verifies that the password2 is the same as password.

`ecommerce/views.py`
`def register_page`

> This first checks to make sure the registration form is valid and if so, it assigns username, email, password, new_user. It also assigns a username and

password combination to be checked for authentication in other code. Additionally it logs the user in once account creation is verified.