Tony Khalilollahi

Building Product Model

I designed the majority of the Product model. This includes the Product object at the center of the project, and the forms that control their information. The testing was completed remotely.

`products/models.py`

`class Product`

This is the class that holds all the information that belongs to each individual product.

`class ProductForm`

This is the form that the user can fill out to either create a new product, or edit an existing one they own. The user can control "title", "price", "description", "image", "brand", and "type".

`products/views.py`

`class UserProductListView`

This class includes a view which is used to display the current user's profile, which includes their sold items, items they bought, and the items they have listed.

`def user_profile_list_view`

This function displays all items that another user has listed and that are available for purchase.

`class ProductCreateView`

This class and the accompanying view is used to create a new product with fields that must be filled out.

`class ProductDeleteView`

This class and the accompanying view is used to delete a product at the user's request.

`def product_inactive_view`

This function is used when a product has been bought. It marks the product as "inactive" which our program interprets as a purchased item. It also assigns that product to be "sold" to that user.