

Database  
relationships

## BROAD STROKES:

Django Built in User w/ many to many relationship with Order Model  
Supply Model contains items to fulfill order request assigned to user.  
User is assigned order, User then fills order using supply.

User can be assigned many orders, but order can only be assigned once(?)  
Order has two “names”, shipping code and product name.

User then fulfills order by querying supply, subtracting materials and checking order off

User authentication required to sign in and interact with both databases.  
If User is logged in, component displaying available orders with function to assign relationship.

OR

Built in messaging system from user to user or superuser to user to assign orders.  
Order db permissions maybe, All logged in users can see order table, must be assigned permission to receive order. Messaging system to either real time talk and assign or maybe some way of adding message database to user to see backlog.

Django potential docs for this.

1. [Creating models](#)
2. [Writing views](#)
3. [URL routing](#)
4. [Subclassing the User model](#)
5. [Working with templates](#)

1. <https://docs.djangoproject.com/en/4.2/ref/contrib/messages/>

