**CSE 312 - Report :**

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**What is Django?**

Our group decided to use the Django framework for our application. Django is a framework that uses Python. Django starts a project by providing all of the settings that are needed for an instance of Django, this includes adding files that enable database configuration, Django-specific options and application-specific settings. In our project, we tried our best not to alter them and did not use most of them. The ones that are used in our project are listed below.

How does Django work? Django works by using HTTP. Django runs a Python web server that listens for HTTP requests and then sends back HTTP responses. THe web server will handle the web request through WSGI which is called Web Server Gateway Interface. *More about this will be in the library explanations.*

Django automatically installs django-admin and other 4 files for us when we start a Django project, but the ones that we will be referring to in our report are :

**Objective 1 - betterMAL**

These reports are associated with Objective 1 allowing users to be able to register accounts and log into their account.

1. ***urls.py : ✓***
2. ***wsgi.py*** : ***✓***
3. ***settings.py*** : ***✓***

**Objective 4 - forum**

These reports are associated with Objective 4 allowing users to be able to share multimedia content that is stored and hosted on our server. Our team decided to make an anime forum that allows users to post pictures.

1. **0001\_initial.py *✓***
2. **Apps.py *✓***
3. **Forms.py**
4. **Models.py**
5. **Urls.py *✓***
6. **Views.py**

**Objective 2 - Online\_users**

These reports are associated with Objective 2 allowing users to see who is currently logged in.

1. **test\_middleware.py**
2. **test\_models.py**
3. **middleware.py**
4. **models.py**