United Way Program and Agency Database

Configuration Instructions

Step 1 Configure the database

Make sure you are in the `unitedway` directory first.

Using an existing database

If you already have an MySQL database ready, set up a database within it for this application and specify the configuration in `unitedairway/settings.py` :

```
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'DATABASE NAME',
        'USER': 'USERNAME FOR THE SQL DATABASE',
        'PASSWORD': 'PASSWORD FOR THE SQL DATABASE',
        'HOST': 'DATABASE LOCATION URI',
        'PORT': 'DATABASE PORT',
    }
}
```

Setting up a local database

If you do not have an SQL database already, the application will need to use a local one.

Run the following command and enter the password that you saved from the **installation instructions** when prompted.

```
sudo mysql -p
```

In the mysql prompt, run the following command:

```
create database unitedWay;
```

Exit by typing `exit`

Then specify the configuration in `unitedairway/settings.py` :

```
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'root',
        'USER': 'unitedWay',
        'PASSWORD': 'PASSWORD FOR THE SQL DATABASE',
        'HOST': 'localhost',
        'PORT': '3306',
    }
}
```

Step 2 Configure the application

From the `unitedway` directory, run the following commands:

```
workon unitedWay
python manage.py migrate
python manage.py createsuperuser
```

The last command will create the admin user:

- username: **admin**
- email: **leave blank**
- password: **set password for the admin user**
- confirm: **confirm**

Allowed hosts:

If you are hosting this on a static IP address, make sure to add it to the `ALLOWED_HOSTS` list on `unitedairway/settings.py`

```
ALLOWED_HOSTS = ['127.0.0.1', 'localhost', 'YOUR_IP_ADDRESS]
```

Step 2 Run the application

To run the application for the first time, make sure you ran `workon unitedway` and then run the following

commands:

```
chmod +x ./run.sh
./run.sh
```

Then, every other time you want to run the application all you have to do is run the two commands within the `unitedway` directory:

```
workon unitedWay
./run.sh
```