

Developer's Setup Instructions

Instructions for Setting up Development Environment for Bloom

Create a Virtual Environment

Unix / Linux / macOS users

```
python3 -m venv env
```

Window users

```
py -m venv env
```

Activate the virtual environment and verify

Unix / Linux / macOS users

```
source env/bin/activate
```

Window users

```
.\env\Scripts\activate
```

Clone the GitHub Repository

```
git clone "https://github.com/hannahishimwe/WHIONSLargeGroupProject"
```

Change the directory

```
cd WHIONSLargeGroupProject
```

Install Requirements

```
pip install -r requirements.txt
```

Migrate Migrations

```
python3 manage.py migrate
```

Seed Database

```
python3 manage.py seed
```

Collect Static

```
python3 manage.py collectstatic
```

Run server

```
python3 manage.py runserver
```

Instructions for Deploying Bloom

- Deployment platform used Heroku: <https://dashboard.heroku.com/>
 - ON HEROKU:
 - Create an account
 - Create an app (name it, add a pipeline)

- Download and install the heroku CLI
- For Mac: brew tap heroku/brew && brew install heroku
- For Windows: the website lists an appropriate installer
- Make sure you are the owner of the repository and then connect your GitHub.
- Go to your app settings:
- On the Config Vars: reveal Config Vars:
- Enter all variables to do with email, CKEDITOR and media configuration in the settings.py file
- Go to resources:
- On the adds-on section add:
- Heroku data for redis.
- Heroku postgres for the database.
- Deploy the main branch
- ON TERMINAL:
 - Run heroku login -i
 - Enter your email used to sign up for heroku
 - Go to account settings and then get your API key
 - Use your API key as your password on the terminal
 - Run heroku ps:scale worker=1 --app whions-final (replace with name of app)
 - Run heroku ps:scale beat=1 --app whions-final (replace with name of app)
 - Run heroku ps:scale web=1 --app whions-final (replace with name of app)
 - To check all dynos are running, run heroku ps --app whions-final (replace with name of app)
 - To check the website health as its running run heroku logs —tail --app whions-final (replace with name of app)