United Way Program and Agency Database

Installation Instructions

Prerequisites

The system was tested using Ubuntu 16.04.2 LTS but any popular distribution of Linux can be used.

Copy the `unitedway` directory from the thumb drive into a place that is easily accessible. The web application will be running from this directory.

An automated script to install all the packages via apt-get is in the `install-files` folder located in the `unitedway` directory. This script will only work on Ubuntu. To run it, first `cd` into the `unitedway` directory and run the following commands:

```
chmod +x install-files/install.sh
install-files/install.sh
```

Note: When running the installation script, it will prompt to enter a password for the MySQL root user. Enter one and remember what this password is as you will need it for later.

Step 1. Preparing the virtual environment

The best way to run the application is within a contained virtual environment using `virtualenvwrapper`. The required version of python for this project is 2.7 and `virtualenvwrapper` should install this by default.

First, install virtualenvwrapper using the following command: `pip install virtualenvwrapper`

Then edit your .bashrc by adding the following lines on to the end of the file located in your home folder. Its usually `~/.bashrc`

```
export WORKON_HOME=~/Envs
mkdir -p $WORKON_HOME
source ~/.local/bin/virtualenvwrapper.sh
```

After, run the following commands from the terminal:

```
source ~/.bashrc
mkvirtualenv unitedway
```

Note: Whenever you are running the application make sure to run the command `workon unitedway` first.

Step 2. Installing dependencies

First, make sure that you are in the virtual environment that you created in step 1 by running the command `workon unitedway`

`cd` into the unitedway folder and install the required `pip` packages by running the following command:

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