

Trash Hunger in America - Setup

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This document assumes the user:

- has a working knowledge of copying files to a server with an FTP client.
- already knows how to change file and folder permissions.
- already has a file server setup.
- already has working PHP installation (preferably PHP 5.2 or greater).
- already has a working MySQL server installation with a database and a user/password already setup.
- is using a browser that supports javascript as the site makes use of jQuery and Ajax.
 - <https://jquery.com/browser-support/>

Setup:

1. Unzip the files onto your computer and into a location you will remember.
2. Open dbinfo.php in your favourite editor and change the value for \$servername, \$username, \$password, \$dbname to match your MySQL server and database configuration.
3. Use your favourite FTP client to copy files from the folder you unzipped to flip.engr.oregonstate.edu .
4. If required, change file and folder permissions to 775.
5. Access index.php in the location you copied the files to using the fully qualified domain name. E.g. "<http://web.engr.oregonstate.edu/~ammj/ProjectBWorking/index.php>"
6. From the menu at the top right, choose Unit Testing - Instructor and click setup databases.
7. Once the script completes, the site should be functional and ready for use.
8. For security, you should remove setup.php when finished.
 - a. Note for the instructor: the database unit test clears the tables. If you run the database unit test prior to viewing the pages on the site, setup.php will need to be re-run to re-fill the database with sample data.

Description of files:

1. receive.php - form for users who are in need of food to find distribution locations they can pick-up food from. This file reads from a demo database table.
2. donate.php
 - a. form for grocers to search for distribution locations where they can drop off food or schedule a pickup of a load of food.
 - b. As User Stories 6.3 and 6.4 were not chosen by the client, the distribution center information is read from an XML file named distributors.xml.
 - c. When a pickup is scheduled, the data:
 - i. is entered into the database in a table titled donations.

ii. is emailed to both the user and the distributor.

3. donateMail.php - sends email to grocer requesting pickup, distribution center pickup requested from, and adds entry into the database using donations.php class donations.
4. distribution.php - form for distributors to add a distribution location. As User Stories 6.3 and 6.4 were not chosen by the client, the form does not yet enter the information into the database.
5. server.php - email script to email users in the email list table - new items scheduled for pickup.
6. donations.php - contains class for MySQL statements for the donations table.