

05/30/2016

Release Notes: weat v1.0

Features:

1. Signup & Account Management
 - a. Create new accounts (as a business user or a consumer)
 - b. Login/logout
 - c. Update personal account information
2. Menu Management
 - a. Create new menus, update, and delete them
 - b. Create categories within menus, update and delete them
 - c. Create meals or food items within menu categories, update and delete them
3. Business View of Orders
 - a. View orders as they come into a restaurant, mark them as canceled or completed
4. Data Analytics
 - a. View customer's data (e.g. email, name, age)
 - b. View graph of customer ordering
 - c. View graph of most popular ordered food items
5. Customer Ordering
 - a. Search for restaurants
 - b. Add items/meals to an order
 - c. Complete an order

Features not Included:

1. Image uploading: business users are not able to upload images of their restaurant or food items. Each item/restaurant will be given a default image.
There is a technical work around if you'd like a custom image:
 - a. For food items:
 - i. Add an image to the "/public/images/<restaurant name>" folder
(may have to create the folder)

- ii. Update the database (fooditems) and set the imgPath attribute to “/public/images/<restaurant name>/<image name>”
 - b. For a restaurant:
 - i. Add an image to the “/public/images” folder
 - ii. Update the database (restaurants) and set the imgPath attribute to “/public/images/<image name>”
2. No report downloads: the data analytics piece does not allow you to download reports in any format. There are currently no work-arounds.

How to run:

1. Install Node and NPM (<https://nodejs.org/en/>)
2. Open CMD line
3. Run <npm install -g bower> to install bower on your machine
4. Run <npm install -g nodemon> to install nodemon on your machine
5. Clone the github repository (instructions for cloning at <https://help.github.com/articles/cloning-a-repository/>).
6. Github repo can be found at <https://github.com/kpu23/weat>
7. Navigate to the checked out directory on the CMD line
8. Run <npm install>
9. Run <bower install>
10. Run <nodemon> to build the project (make sure you’re in project directory still)
11. Nodemon will recompile source files as they change and refresh the server
12. Navigate to localhost:3000 in your browser and the weat homepage should appear

Note 1: text between carrots (e.g. <text>) are verbatim CMD line commands

Note 2: without data, the website will have very little functionality. At the bottom of this document there are instructions to populate the database with test data.

Explanation of Basic Architecture:


Weat is a web-based online ordering system. It is based on the MEAN stack, meaning we run MongoDB, Express.js, front-end javascript (knockout.js), and Node.js. MongoDB is the

database, Express.js is a back-end javascript framework for communication with the server, knockout.js is a front-end javascript framework (that we are using instead of Angular, the “A” in “MEAN”), and Node.js runs a server and includes package management capabilities.

Database Script:

To run this database script:

1. Open the command line
2. Type <mongo> to enter mongo shell
3. Type <use weat> to access the correct db (this will create the db if it's the first time)
4. Open any text viewer file and locate the file “03-11_1_PopulateMongoDatabase.txt” in the root directory of the weat source code
5. Copy the entire script into the command line and run it
6. Type <show collections;> to verify the script ran successfully. The print out should look like:



```
> show collections;
fooditems
menucategories
menus
restaurants
system.indexes
>
```

7. Type <exit> to quit the mongo shell. You should now be able to use the website's full functionality.