SVC CMS PROJECT

SYSTEMS MANUAL

CMS COMPONENETS:

The content management system consists of two NodeJS applications, and a MySQL database. The back end web application is where content is submitted to the MySQL database for display on the front end application. The back end application allows articles, blog posts, and job postings to be submitted. The back end application also allows messages from end users of the front end application to be read. The front end application allows articles, blog posts, and job postings to be viewed. The MySQL database is where content to be displayed on both NodeJS applications is stored.

SYSTEM REQUIREMENTS:

Windows 7, 8, 10, Mac OSX, or Linux

NodeJS 8.11.1 (LTS)

INITIAL SETUP:

Back End Web Application:

1. Download the zip file containing the application from <https://github.com/nickmw11/cms-project>, or clone the repository to make future updates easier.
2. Extract the files to the desired location
3. In a terminal window (cmd, Git BASH, etc.) navigate to the directory the file “app.js” is located
4. Type “node app.js” into the terminal, and press enter

Front End Web Application:

1. Download the zip file containing the application from <https://github.com/nickmw11/cms-project-frontend>, or clone the repository to make future updates easier.
2. Extract the files to the desired location
3. In a terminal window (cmd, Git BASH, etc.) navigate to the directory the file “server.js” is located
4. Type “node server.js” into the terminal, and press enter

The two web applications required for users to utilize the content management system are now running, and can be accessed from a local machine through the browser using the default settings.

The back end application is located at: <http://localhost:3000/>

The front end application is located at: <http://localhost:3001/>

MySQL Database Information:

To sign into the database, please see the following credentials:

Website: phpmyadmin.co

Server: sql9.freesqldatabase.com

Username: sql9229224

Password: 6m2d4QZdzj

File list:

**Front end – Test Site**

server.js – This is the main server file. It contains all the top level routes.

**Configuration Files:**

database.js – contains a connection to the MySQL database

**Controller Files:**

These files deal with creating MySQL queries to insert and pull items in the database.

aboutController.js

articlesController.js

blogController.js

contactController.js

jobPostingsController.js

**Public Files:**

These files hold code containing ajax calls, which display the responses on the corresponding pages.

about.js

articles.js

blog.js

jobpostings.js

**Route Files:**

These files hold routes to each page and each sub route.

aboutRoute.js

articlesRoute.js

blogRoute.js

contactRoute.js

indexRoute.js

jobPostingsRoute.js

**View Files:**

These files contain HTML that is displayed to the user.

**Displays:**

These files hold templates to display items from the database.

aboutDisplay.ejs.

articleDisplay.ejs

blogDisplay.ejs

jobDisplay.ejs

**Pages:**

These files are the main pages in the project.

about.ejs

articles.ejs

blog.ejs

contact.ejs

index.ejs

jobpostings.ejs

thanks.ejs

**Partials:**

These files hold templates that are contained in each page of the site.

footer.ejs

head.ejs

header.ejs

**Back end – Content Management System**

app.js – This is the main server file. It contains all the top level routes.

**Configuration Files:**

database.js – contains a connection to the MySQL database

**Controller Files:**

These files deal with creating MySQL queries to insert, edit, select, and delete items in the database.

aboutController.js

articlesController.js

blogController.js

messagesController.js

jobPostingsController.js

**Public Files:**

These files hold code containing ajax calls, which display the responses on the corresponding pages.

about.js

articles.js

blog.js

customermessages.js

jobpostings.js

**Route Files:**

These files hold routes to each page and each sub route.

aboutRoute.js

articlesRoute.js

blogRoute.js

customermessagesRoute.js

indexRoute.js

jobPostingsRoute.js

**View Files:**

These files contain HTML that is displayed to the user.

**Displays:**

These files hold templates to display items from the database.

aboutDisplay.ejs.

articleDisplay.ejs

blogDisplay.ejs

jobDisplay.ejs

messagesDisplay.ejs

**Edit:**

These files contain the HTML pages for editing an item from the database

aboutEdit.ejs

articleEdit.ejs

blogEdit.ejs

jobEdit.ejs

**Pages:**

These files are the main pages in the project.

about.ejs

articles.ejs

blog.ejs

customermessages.ejs

index.ejs

error.ejs

jobpostings.ejs

**Partials:**

These files hold templates that are contained in each page of the site.

footer.ejs

head.ejs

header.ejs