Go Local Staff App

TEAM#7

*Installation*

Team Members: Luis Castillo Wilfredo Gomez

Product Owner: Eduardo Garcia

Project Mentor: Masoud Sadjadi

**Application Requirements:**

* Operating system:
  + El Capitan Mac OS
* Development environment:
  + Xcode 7
  + MAMP
  + Ubuntu 14.04 LAMP server with Git , MSMTP, sendmail

**Configure MAMP MySQL Password**

* Change to the MAMP directory
  + cd /Applications/MAMP/Library/bin/
* Execute change password command
  + mysqladmin -u root -p password NEWPASSWORD
* Enter your new password

**Configure MAMP Error Checking Programs**

* Change to the following directory
  + cd /Applications/MAMP/bin
* Execute all the below commands to update new password
  + mysqlcheck --all-databases --check --check-upgrade -u root -pNEWPASSWORD --socket=/Applications/MAMP/tmp/mysql/mysql.sock
  + mysqlcheck --quick --check-upgrade -u root -pNEWPASSWORD --socket=/Applications/MAMP/tmp/mysql/mysql.sock mysql
  + mysqlcheck --all-databases --repair -u root -pNEWPASSWORD --socket=/Applications/MAMP/tmp/mysql/mysql.sock
  + mysqladmin -u root -pNEWPASSWORD --socket=/Applications/MAMP/tmp/mysql/mysql.sock shutdown
  + mysql\_upgrade -u root -pNEWPASSWORD --socket=/Applications/MAMP/tmp/mysql/mysql.sock --force
* Edit the file config.inc.php located in /Applications/MAMP/bin/phpMyAdmin



**Installing Server**

* Create a Ubuntu 14.04 LAMP Server
  + Once server is created, make sure to get recent updates:
    - sudo apt-get update
* Install dependencies:
  + Git
    - sudo apt-get install git
  + MSMTP
    - sudo apt-get install msmtp
  + sendmail
    - sudo apt-get install sendmail

**Expedite sendmail**

* Update hostname on hosts file
  1. Vi /etc/hosts
  2. Comment the line below
     + #127.0.0.1 localhost
  3. Create add the below line
     + 127.0.0.1 localhost.localdomain localhost golocalapp

**Configuring MSMTP**

* Create and edit a file name “.msmtprc”:
  + vi ~/.msmtprc
* Add the following to the file

account gmail

tls on

tls\_certcheck off

auth on

host smtp.gmail.com

port 587

user golocalpromos@gmail.com

from golocalpromos@gmail.com

password eddie2s7nc3

* Update the file permissions to be read only
  + chmod 600 ~/.msmtprc
* Copy file to etc directory
  + cp -p ~/.msmtprc /etc/.msmtp\_php
* Update file ownership
  + chown www-data:www-data /etc/.msmtp\_php

**Updating PHP with MSMTP**

* Update Apache2
  1. Edit the php file
     + Vi /etc/php5/apache2/php.ini
  2. Look for sendmail\_path and update sendmail\_path line to:
     + sendmail\_path ="/usr/bin/msmtp -C /etc/.msmtp\_php --logfile /var/log/msmtp.log -a gmail -t”
  3. Save file
* Update CLI
  1. Edit the php file
     + Vi /etc/php5/cli/php.ini
  2. Look for sendmail\_path and update sendmail\_path line to:
     + sendmail\_path ="/usr/bin/msmtp -C /etc/.msmtp\_php --logfile /var/log/msmtp.log -a gmail -t"
  3. Save file

**Troubleshooting MSMTP**

* *restart mail service:*
  + sudo service apache2 restart
* *restart web server:*
  + sudo service apache2 reload
* *restart sendmail:*
  + sudo service sendmail restart
* Checking Mail Logs:
  + regular log are located in the following directory:
    - /var/log/mail.log
  + error log are located in the following directory:
    - /var/log/mail.err
  + Dead letters are located in the following directory:
    - /var/lib/sendmail/dead.letter
* Gmail authentication failed error:
  + <https://support.google.com/mail/answer/14257?hl=en>

**Live Demo:**

<https://www.youtube.com/watch?v=kHxFaDq-BWE>