Link:

http://ml-lab-4d78f073-aa49-4f0e-bce2-31e5254052c7.ukwest.cloudapp.azure.com:61753/

File in main location:

```
apache2 is already the newest version (2.4.38-3+deb10u4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ecm1417@ML-RefVm-769480:~$ sudo mv /home/ecm1417/web_app/* var/www/html
mv: target 'var/www/html' is not a directory
ecm1417@ML-RefVm-769480:~$ sudo mv /home/ecm1417/web_app/  /var/www/html
ecm1417@ML-RefVm-769480:~$ CD ..
-bash: CD: command not found
ecm1417@ML-RefVm-769480:~$ cd ..
ecm1417@ML-RefVm-769480:/home$ cd var
-bash: cd: var: No such file or directory
ecm1417@ML-RefVm-769480:/home$ cd /var
ecm1417@ML-RefVm-769480:/var$ cd www
ecm1417@ML-RefVm-769480:/var/www$ cd html
ecm1417@ML-RefVm-769480:/var/www/html$ ls
index.html  web_app
ecm1417@ML-RefVm-769480:/var/www/html$ cd web_app
ecm1417@ML-RefVm-769480:/var/www/html/web_app$ ls
addvisit.css    exeter.jpeg    marker_black.png    registration.php  settings.php
addvisit.html   home.css       marker_red.png      report.css        watermark.png
addvisit.php    home.php       overview.css        report.html
cross.png       index.php      overview.php        report.php
data.json       login.css      registration.css    settings.css
delete.php      login.html     registration.html   settings.html
ecm1417@ML-RefVm-769480:/var/www/html/web_app$
```

Apache2 Debian Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Debian systems. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Debian's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Debian tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Debian systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|       `--  ports.conf
|-- mods-enabled
|       |-- *.load
|       `-- *.conf
|-- conf-enabled
|       `-- *.conf
|-- sites-enabled
|       `-- *.conf
```

- apache2.conf is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- ports.conf is always included from the main configuration file. It is used to determine the

There is a slight problem as the command sudo mv index.html index.php did not change the page to the appropriate website as I restructured my files towards the end of the assignment.

Description:

HTML and CSS files were created to help oversee and view the layout and design. I mainly utilised these files to structure the pages and the look of them. In the beginning, I started by implementing a database.php file but decided to use the SQL database to store it in the pages. Additionally, cookies were utilised to store the username id, in the session. I also implemented Javascript and AJAX to send out the requests.

Sources Used:
https://stackoverflow.com/questions/11787685/php-sql-registration-form
https://codeshack.io/secure-registration-system-php-mysql/
https://www.w3schools.com/php/func_network_setcookie.asp
www.w3schools.com