**NRI Web Development Challenge**

**Framework Used: Codeigniter MVC**

**PHP Version: 5.6.25**

**MySQL database Version: 5.7.14**

**Database script included as SQL file : nri\_auctions.sql**

**Design pattern: MVC**

*Please unzip the folder, create the database and change the database.php and config.php file as explained below, it should be working.*

*After changes are done, please run the url:*  <http://localhost/public/csvfile/>

*(I have used Wampserver, a Windows web development environment. It allows you to create web applications with Apache2, PHP and a MySQL database. Alongside, PhpMyAdmin allows you to manage easily your databases.*

*Downloaded from* [*http://www.wampserver.com/en/*](http://www.wampserver.com/en/)

*Installed it in D drive and created a folder as wamp64/www/public/csvfile, where I have done all the coding. After installing the CodeIgniter framework, it was giving error, I had to fix it by enabling short\_open\_tags in PHP settings.)*

***Steps:***

* Downloaded Codeigniter from: <https://codeigniter.com/download>
* In application/config/database.php – Provide database information

'hostname' => 'localhost',

'username' => 'root',

'password' => '',

'database' => 'NRI\_auctions',

**Please create database named as: NRI\_auctions** and import the **nri\_auctions.sql** file to create two tables used in the application: tbl\_csvfiles and tbl\_records. The primary key in tbl\_csvfiles acts a foreign key in tbl\_records as file\_id.

* In application/config/config.php – give the base\_url, it is given now $config['base\_url'] = 'http://localhost/public/csvfile/';

Please change it accordingly

* Created views in *application/views* folder: header, footer, home, record\_view
* Created controller in *application/controller* folder
* Created model in *application/model* folder
* Created library to read csv in *application/libararies/CSVReader.php*

***I have tried to create a nice code using MVC pattern and tried to save the records using relational database.***

***Please note*** that I have taken help of bootstrap tutorials and google styles to create the front-end as I don’t have any experience with creating templates from scratch but I do have knowledge of html and CSS that allows me to change the front end according to requirements.