CRUD- CodeIgniter Module

**Citizen Management:**

Requirement:

Implement CRUD and List methods for a simple object (Citizens).

Citizen detail information

• name of citizen // max character 45

• date of birth // MySQL date format

• email // valid email

• mobile number

• address

• city

• pin code

• qualification

• Any additional Information you can think of

Other Functionalities

• Upload citizen photo // formats like jpeg, jpg, png

• Upload any of the following ID documents // formats like jpeg, jpg, png

o Aadhar

o PAN

o Ration Card

o Driving License

**Citizen List**

• Columns

o Name

o E-mail

o Mobile

o City

o Qualification

o Photo

o Primary ID document type (Aadhar /PAN /Ration Card /Driving License)

Ability to do a search within the list

• All field searchable (a single search option at the top of the list to search across the columns)

• Search results with pagination

• Ability to sort on ay columns

• Note:

o The two screens can be implemented using any of the UI frameworks

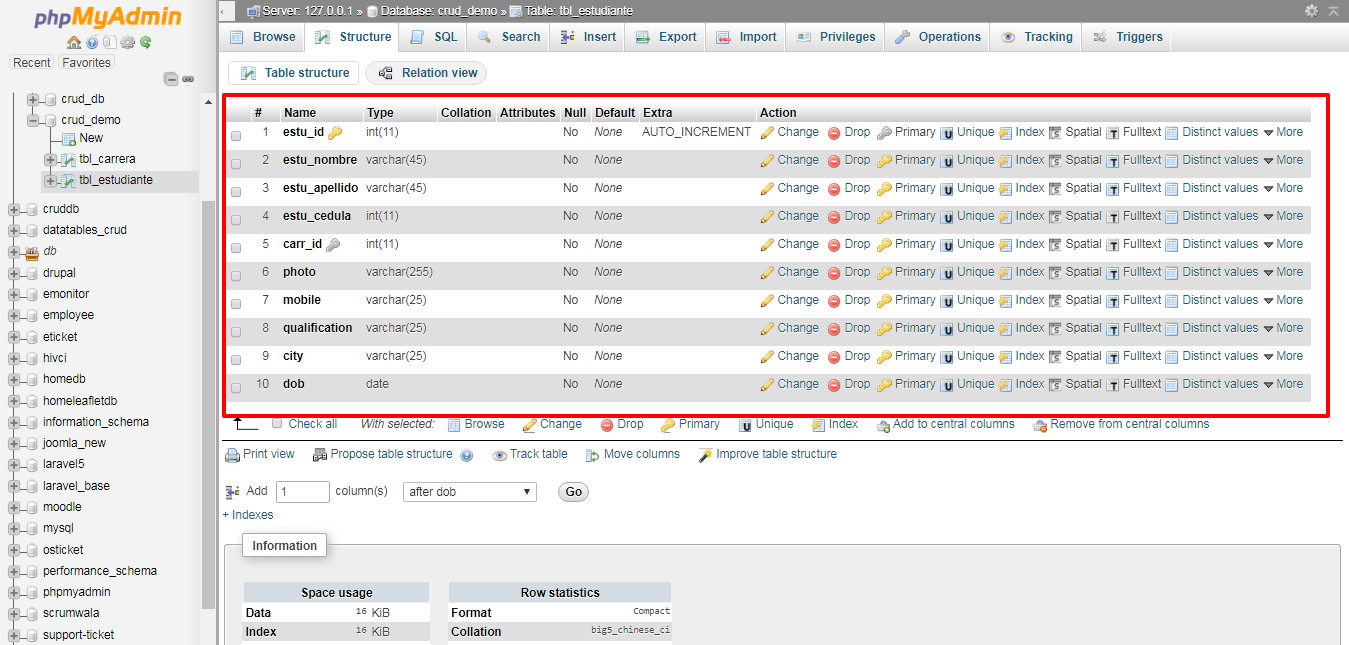
o Also implement all the important field validations

Data Dictionary:

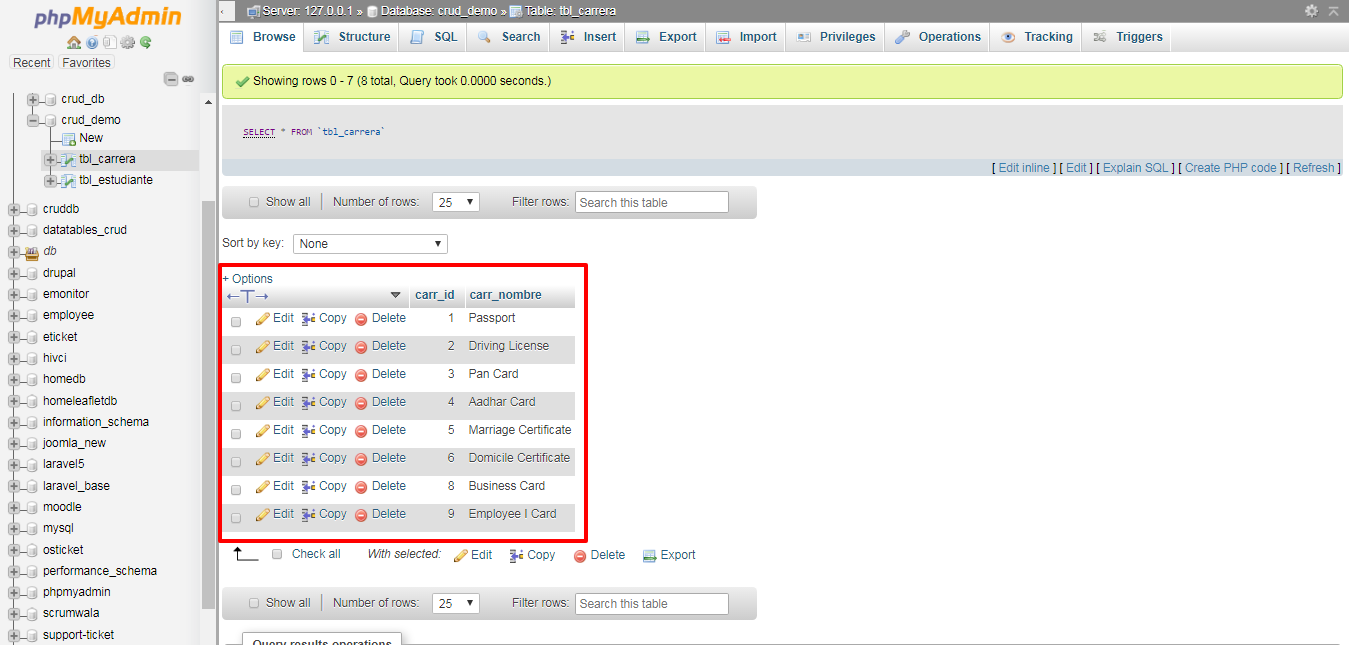
Includes two tables. Consider we are fetching details for a city name “[**estudiante**](http://localhost/phpmyadmin/sql.php?db=crud_demo&token=04f8578542a49b343d49910911becb9b&goto=db_structure.php&table=tbl_estudiante&pos=0) ” (dummy name given for now)

The data dictionary of two tables is as follows:

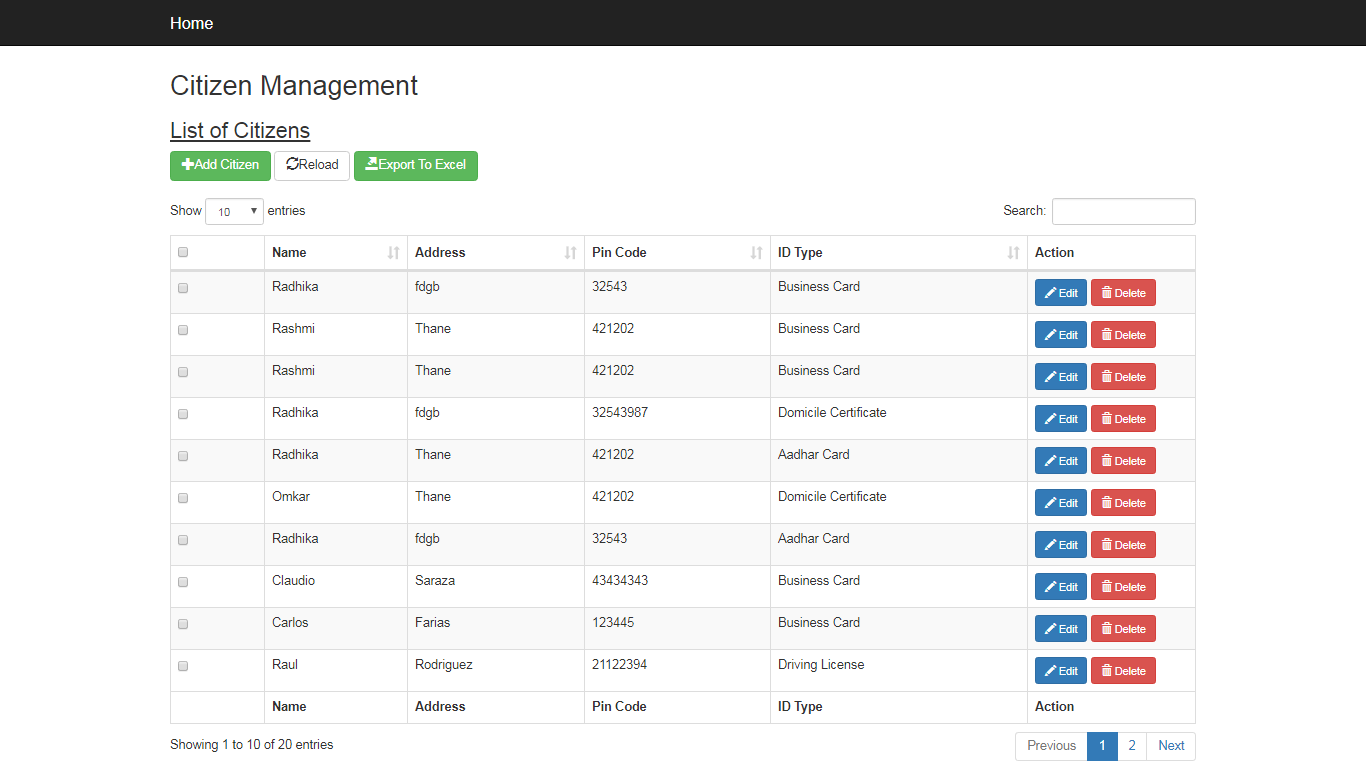
1. Main Table (which accepts citizen details)



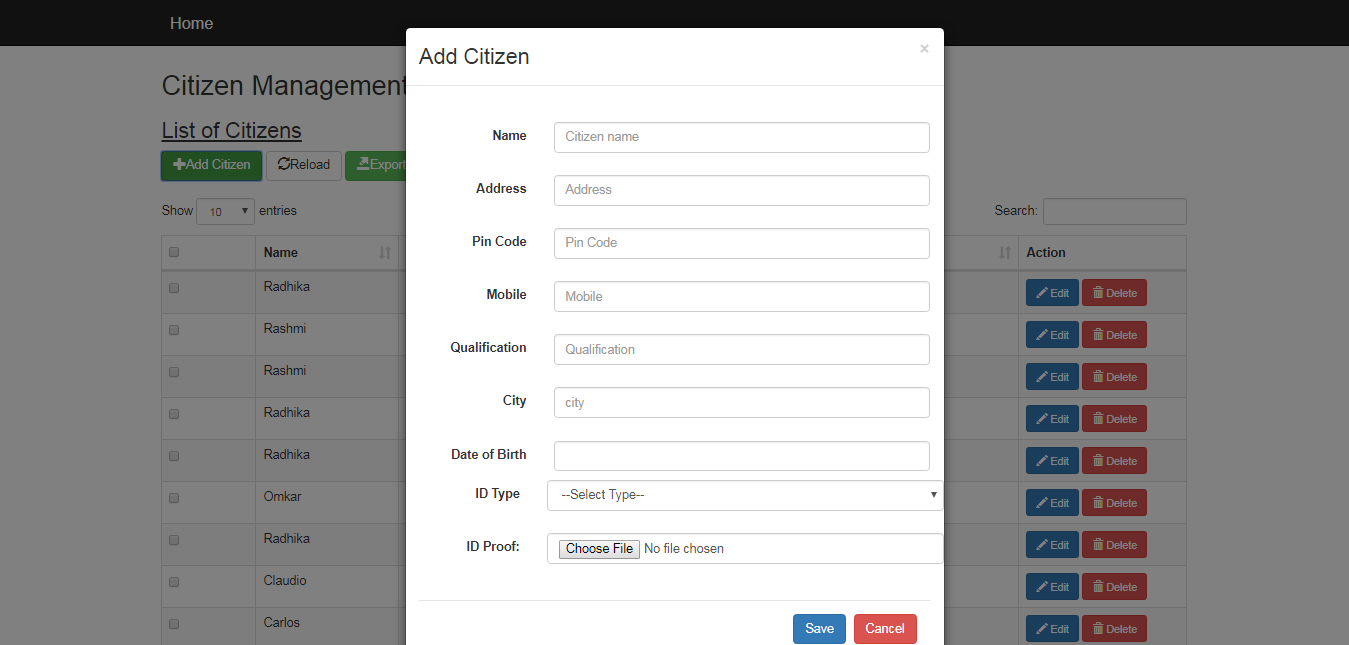
Child table which includes various ID Types of citizens



Main page:



Add Citizen Detail:



The CRUD module includes:

1. Adding new citizen

2. Editing the existing value

3. Deleting citizen details

4. Reload of table (Refresh)

5. Pagination

6. Sorting

7. Export functionality  
The export functionality of data table can be achieved with the click of following mentioned button:

