

The Cat Store Registration System



SCS 2208_2020

Rapid Application Development

Assignment 3: CI and Bootstrap Assignment (Individual)

2018/CS/196 (18001963)

Website Information

- Database name: myapp
- Hostname: localhost
- Username: root
- Password: <null>
- Database Driver: mysqli
- Code Igniter Version: 3.1.11
- Bootstrap Version: 4.5.0

Technologies Used

- Front-end: HTML and CSS
- Back-end: PHP and MySQL
- Frameworks: Bootstrap + CodeIgniter
- Libraries: jQuery

Work Process

CodeIgniter and Bootstrap were used to build this website. Database is connected in manual connection. All the main functions were built in the Registration.php which is inside controller folder. Home.php is the default controller. Html codes were written in the home_page.php which is inside view folder.

Home page:

The home page has the following interface which includes the navigation bar, introduction paragraph, image slider, containers and a footer.

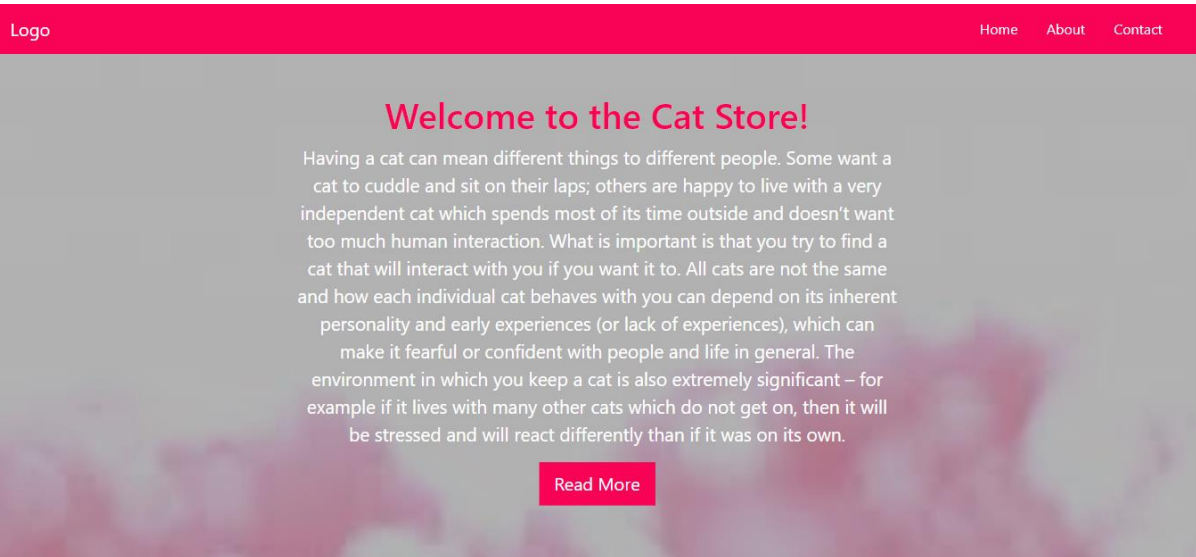


Figure 1: Home 'Welcome Message'

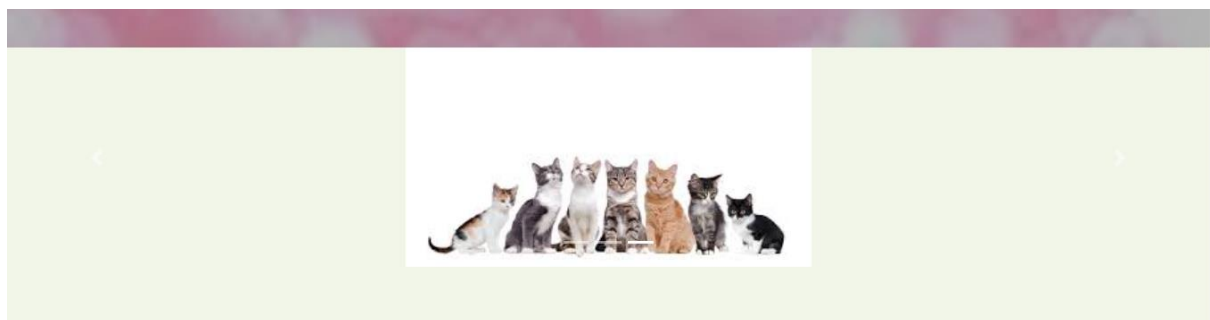


Figure 2: Home 'Slider'

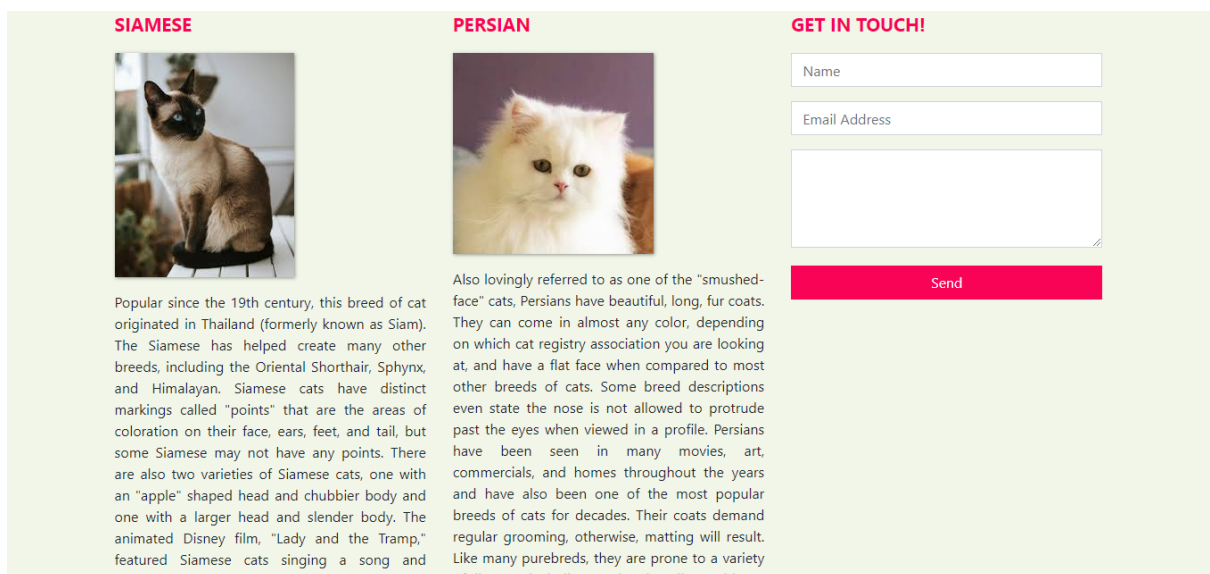


Figure 3: Home 'Containers'

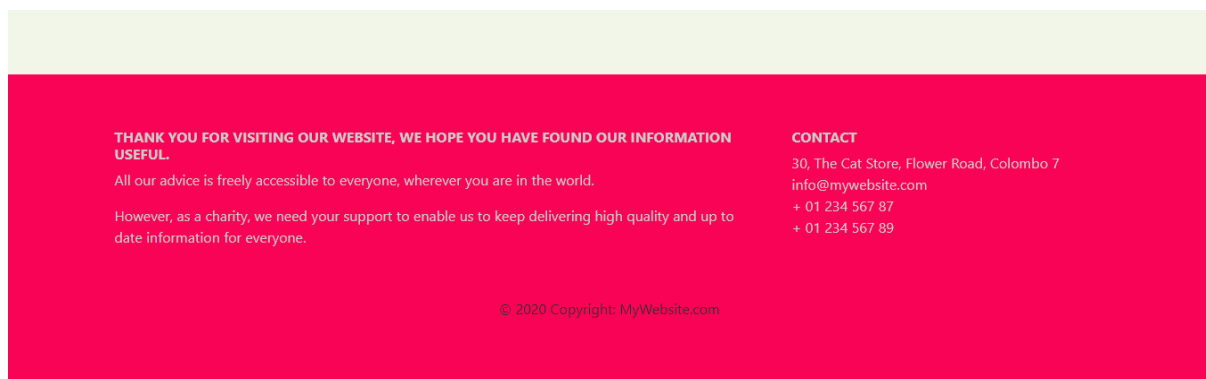


Figure 4: Home 'Footer'

Insert user details:

There will be another interface to enter user details to the system which insert the given details in the connected database (myapp). The user interface was created as following.

Figure 5: Insert User Details Interface

Display user details:

There is another interface that displays the users who has been registered to the system. The display user interface was designed as following.

Id	Name	Email	Mobile	Delete	Update
7	Kamal	kamalK@gmail.com	721234567	Delete	Update
8	Nimal	nimalN@gmail.com	731234567	Delete	Update
9	Sunil	sunilS@gmail.com	741234567	Delete	Update
10	Amal	amalA@gmail.com	731234567	Delete	Update

Figure 6: Display User Details Interface

Delete user:

By clicking on the delete button of the particular user row, that user details can be deleted from the system as well as from the database. For instance if we click on the delete button in the user id 7 in the above figure (figure 6), the above table will be changed into the following one.

Id	Name	Email	Mobile	Delete	Update
8	Nimal	nimalN@gmail.com	731234567	Delete	Update
9	Sunil	sunilS@gmail.com	741234567	Delete	Update
10	Amal	amalA@gmail.com	731234567	Delete	Update

Figure 7: After Deleting User id= 7 user

Update user:

By clicking on the update button of the particular user row, the user details which were given before can be changed or updated in the interface as well as in the system database. For instance if we click on the update button in the user id 8 in the above figure (figure 6), the following interface will be displayed.

Name	<input type="text" value="Nimal"/>
Email	<input type="text" value="nimalN@gmail.com"/>
Mobile Number	<input type="text" value="731234567"/>
<input type="button" value="update data"/>	

Figure 8: Update User Interface

And if you change the mobile number into 731222222 it will be updated in the table and displayed as following.

Id	Name	Email	Mobile	Delete	Update
8	Nimal	nimalN@gmail.com	731222222	Delete	Update
9	Sunil	sunilS@gmail.com	741234567	Delete	Update
10	Amal	amalA@gmail.com	731234567	Delete	Update

Figure 9: After Updating User id=8 User

Problems Encountered

Mostly faced errors were syntax errors which were corrected by using error message's instructions.

The redirect function didn't work but found an error in the syntax and corrected it.

Found lot of troubles when connecting the database but by going through the instruction, could manage it.

Lesson Learnt

Learned bootstrap styling instance of creating custom CSS libraries.

Learned the basic structure of an MVC architecture system

Used to PHP in the Codeigniter.

Handle database using controller, views and model and routing works.