Online Pizza Orders
Pizza Loca

Project Description:

Our project involves creating a website for Online Pizza Orders. We have named the website Pizza Loca.

The website allows the user to register as a member and each username has to be unique. We have used jQuery and AJAX for form validation and also sets specific rules for password strength.

The website provides a list of pizzas and can filter it according to Vegetarian and Non-Vegetarian pizzas. We have also implemented the search operation and we can filter the results according to Vegetarian and Non-Vegetarian. The listing also has a paging functionality.

On adding items and toppings we get a temporary page of the customer's selection and that can be added to the cart. As a design criterion, after the pizza is added to the cart you are redirected to the pizza listing page. When you check out, you can update or delete cart items and check order history.

The admin has the same look but can add pizzas, update pizzas and delete pizzas. He/She can add images. The delete implemented is soft delete.

Database design:

Our database for the website is named project. The database has been Normalized up to 3NF. We have used MySql for our database. The tables included on our website are:

- Admin- Table for the admin.
- Customer- Table for the customer details.
- Customer_order- Table for the orders of the customers.
- Items- Table for the pizzas.
- Toppings- Table for the toppings.

The Create statements of each database can give a good understanding of the database design. The Design for each table is as follows:

Admin:

```
CREATE TABLE `admin` (
 `admin_id` varchar(255) NOT NULL,
 `admin_password` varchar(255) NOT NULL
)
```

Customer:

```
CREATE TABLE `customer` (
 `customer_id` varchar(255) NOT NULL PRIMARY KEY,
 `password` varchar(255) NOT NULL,
 `firstname` varchar(255) NOT NULL,
 `lastname` varchar(255) NOT NULL,
 `email` varchar(255) NOT NULL,
 `phone` bigint(255) NOT NULL,
 `address_line1` varchar(255) NOT NULL,
 `address_line2` varchar(255) NOT NULL,
 `city` varchar(255) NOT NULL,
 `state` varchar(255) NOT NULL,
 `zipcode` int(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

Customer_order:

```
CREATE TABLE `customer_order` (
 `customer_id` varchar(255) NOT NULL,
 `crust` varchar(255) NOT NULL,
 `pizza` varchar(255) NOT NULL,
 `price` float NOT NULL,
 `quantity` int(255) NOT NULL,
 `toppings` varchar(255) NOT NULL,
 `size` varchar(255) NOT NULL,
 `History` int(255) NOT NULL,
 `order_id` int(11) NOT NULL
)
```

Items:

```
CREATE TABLE `items` (
 `item_name` varchar(255) NOT NULL,
```

```
 `item_imagename` varchar(255) NOT NULL,
 `item_type` varchar(255) NOT NULL,
 `isdeleted` int(255) NOT NULL,
 `Inventory` int(255) NOT NULL
)
```

Toppings:

```
CREATE TABLE `toppings` (
 `name` varchar(255) NOT NULL,
 `cost` float NOT NULL,
 `type` varchar(255) NOT NULL,
 `isdeleted` int(255) NOT NULL
)

ALTER TABLE `admin`
 ADD PRIMARY KEY (`admin_id`);


--
-- Indexes for table `customer`
--
ALTER TABLE `customer`
 ADD PRIMARY KEY (`Customer_ID`);


--
-- Indexes for table `customer_order`
--
ALTER TABLE `customer_order`
 ADD PRIMARY KEY (`order_id`),
 ADD KEY `customer_id` (`customer_id`),
 ADD KEY `Pizza` (`Pizza`);


--
-- Indexes for table `items`
--
ALTER TABLE `items`
 ADD PRIMARY KEY (`item_name`);


--
-- AUTO_INCREMENT for dumped tables
--

--
```

```
-- AUTO_INCREMENT for table `customer_order`
--
ALTER TABLE `customer_order`
  MODIFY `order_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=64;


--
-- Constraints for dumped tables
--


--
-- Constraints for table `customer_order`
--
ALTER TABLE `customer_order`
   ADD CONSTRAINT `customer_order_ibfk_1` FOREIGN KEY (`customer_id`) REFERENCES
`customer` (`Customer_ID`) ON DELETE NO ACTION,
   ADD CONSTRAINT `customer_order_ibfk_2` FOREIGN KEY (`Pizza`) REFERENCES `items`
(`item_name`) ON DELETE CASCADE ON UPDATE CASCADE;
COMMIT;
```

Languages:

For the website we used:
- HTML
- CSS
- Javascript
- Php
- Jquery
- Ajax
- SQL
- Bootstrap

Screenshots:

- Home Page- index.html
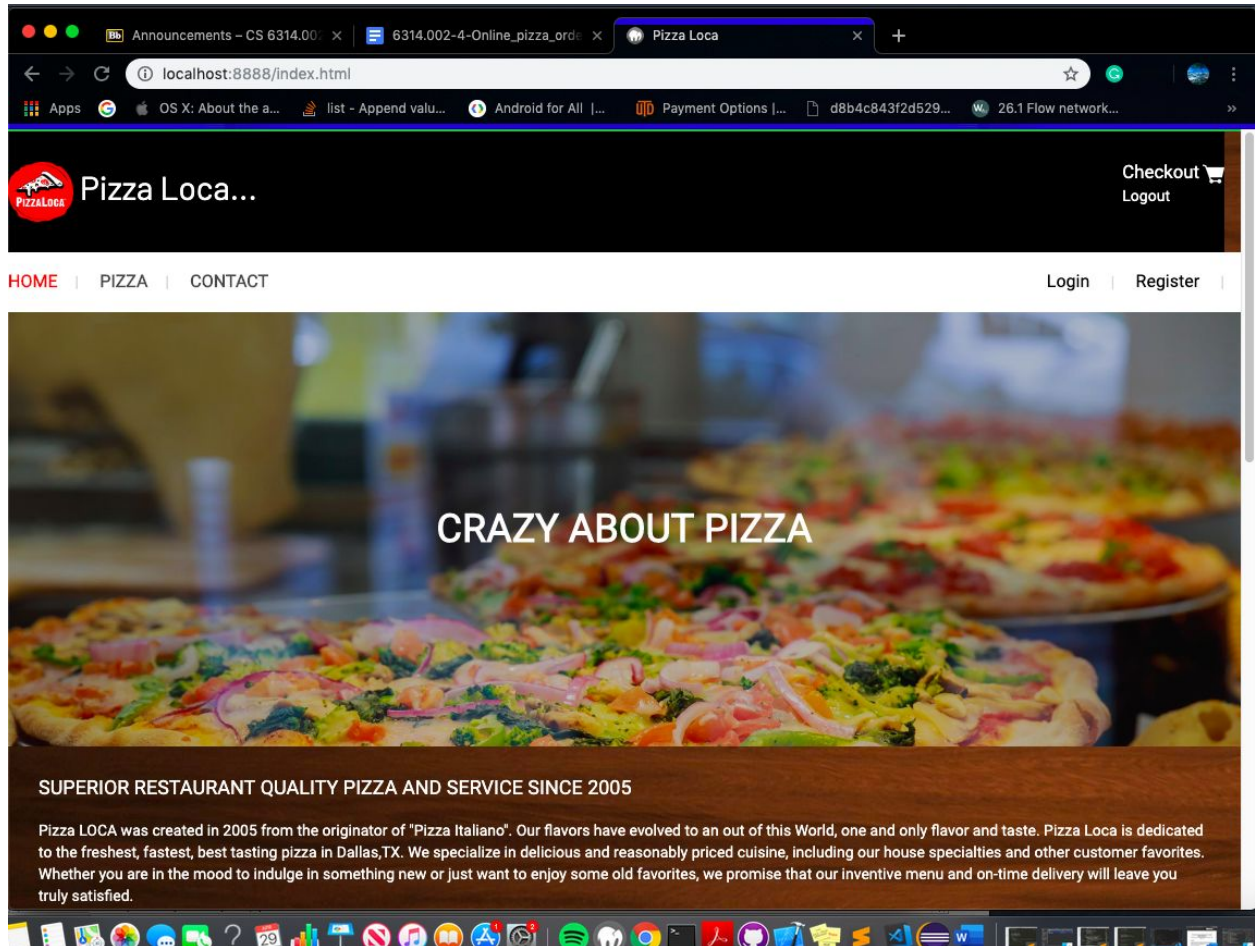
- Register page- register.html

- Login page
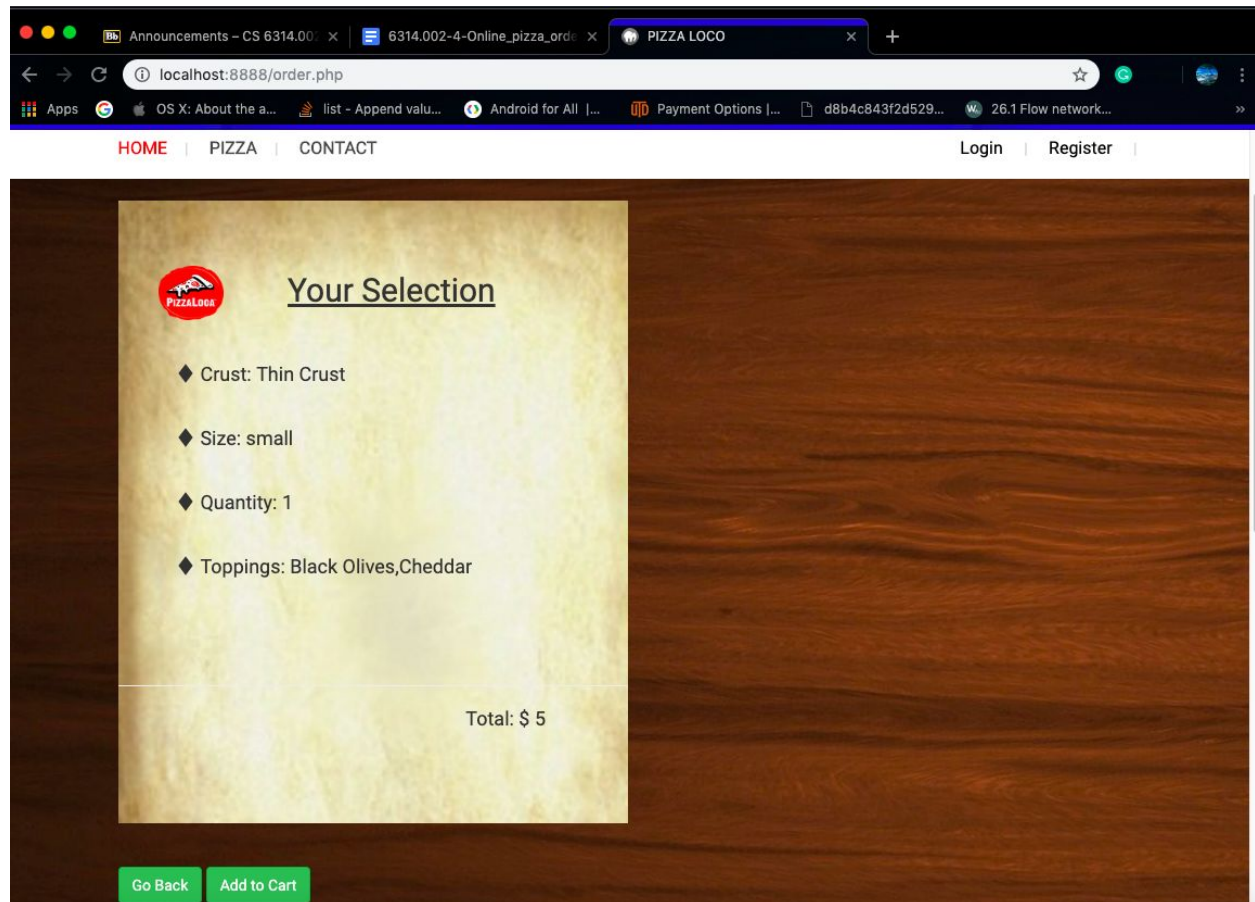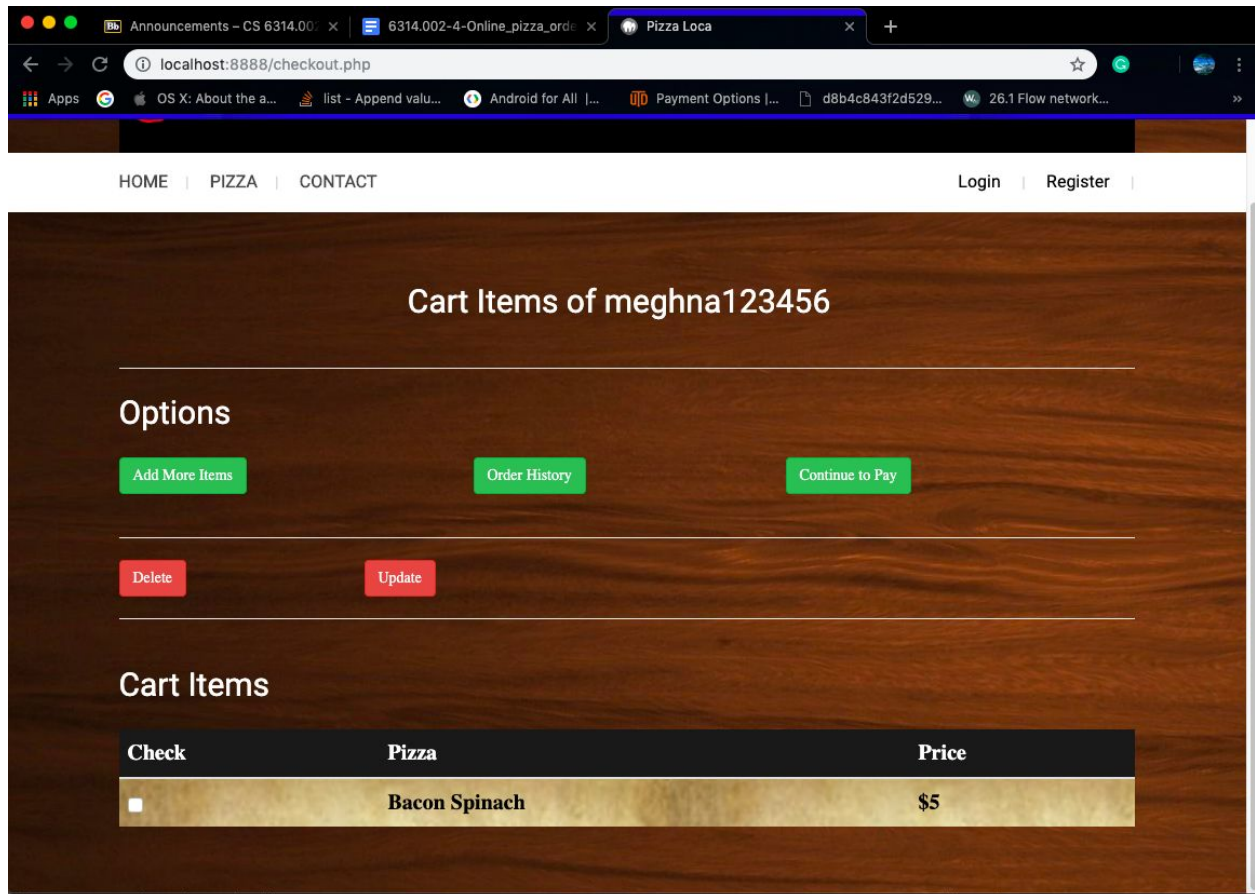
- Pizza Listing page with Pagination- pizza.php
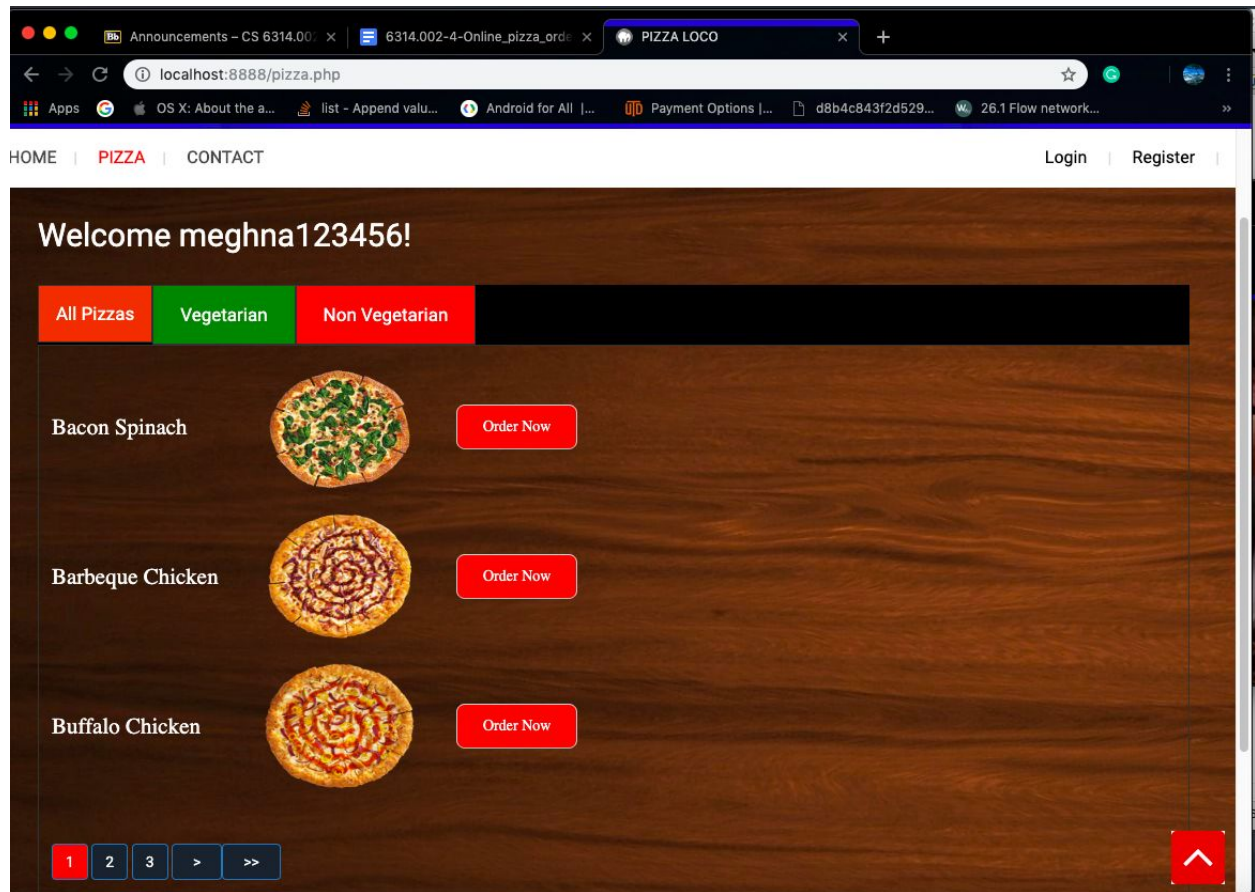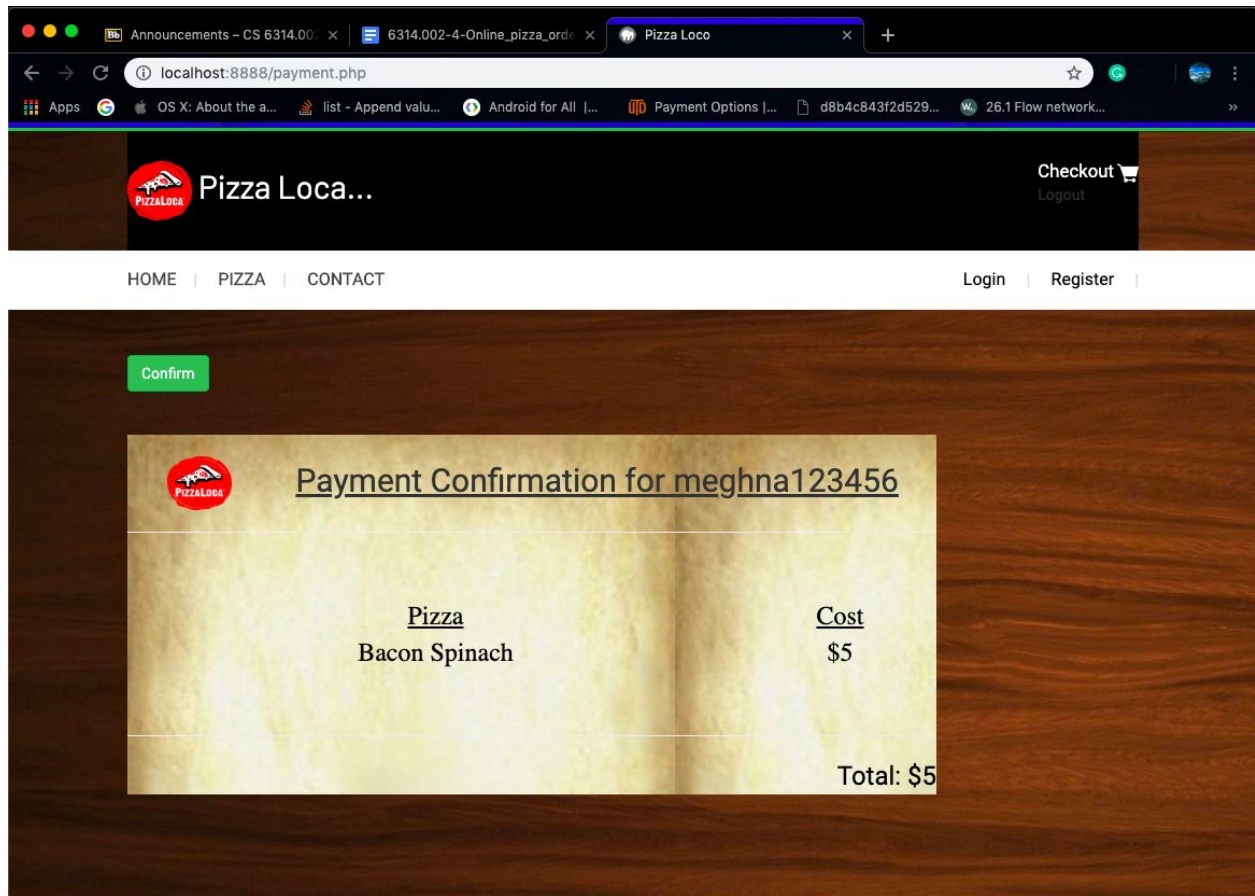
- Toppings page
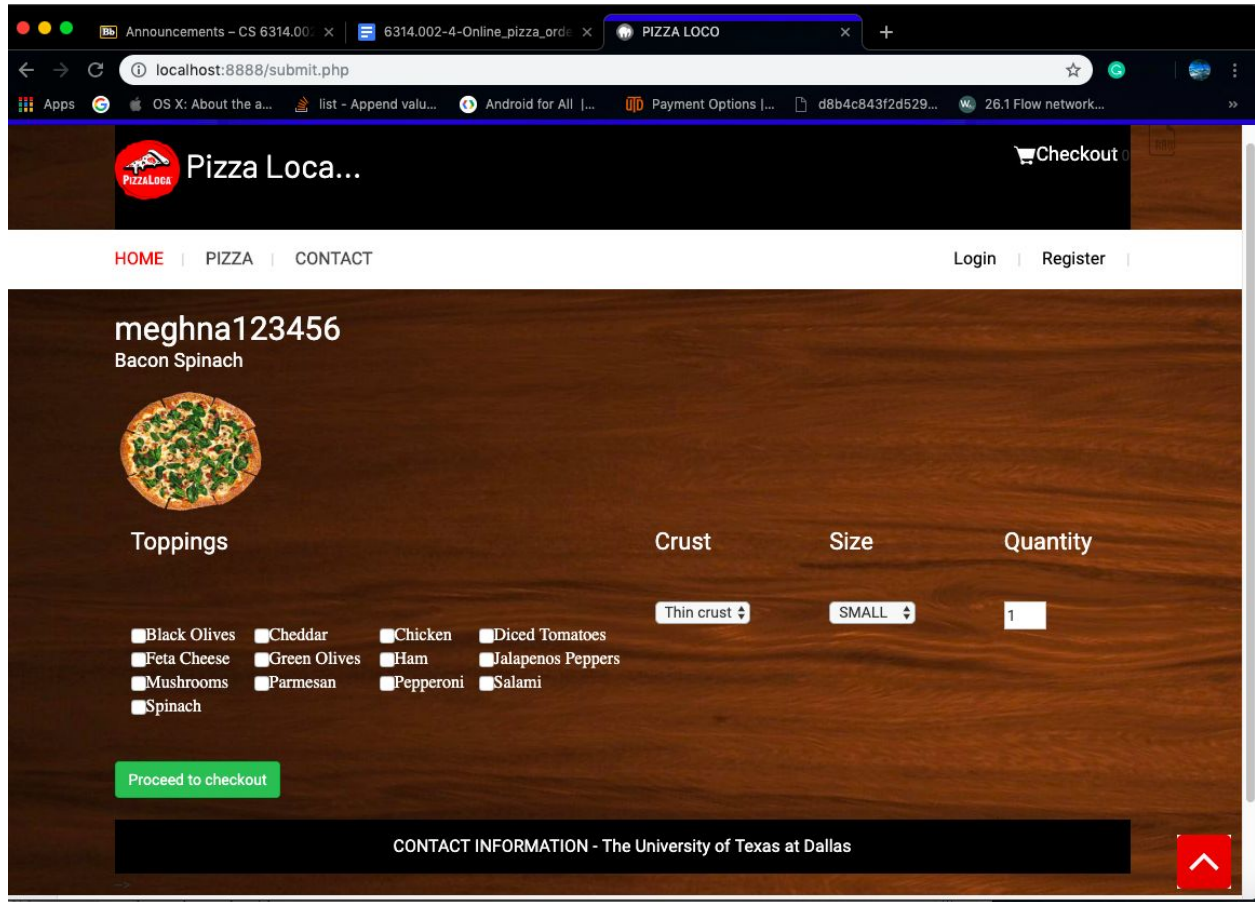
- Selection page

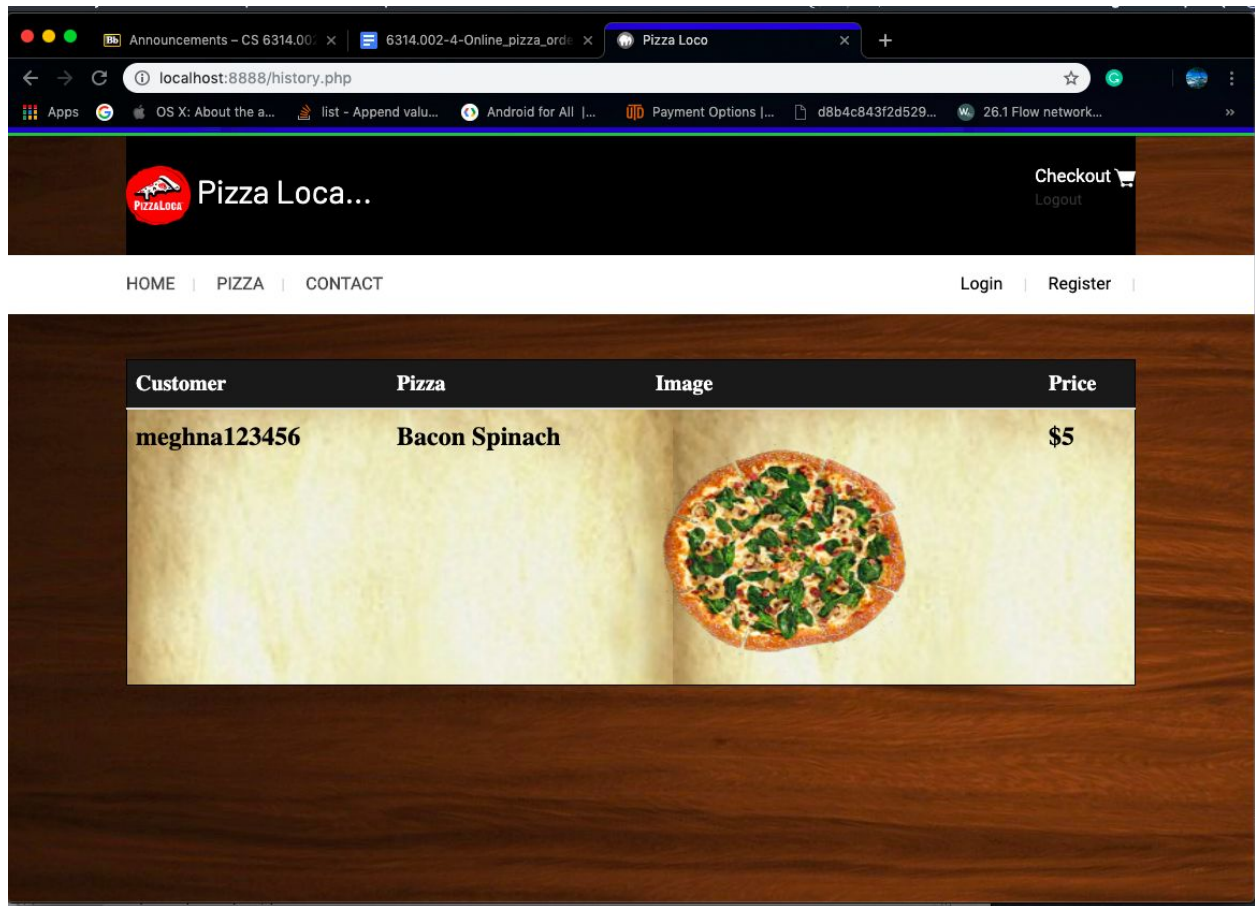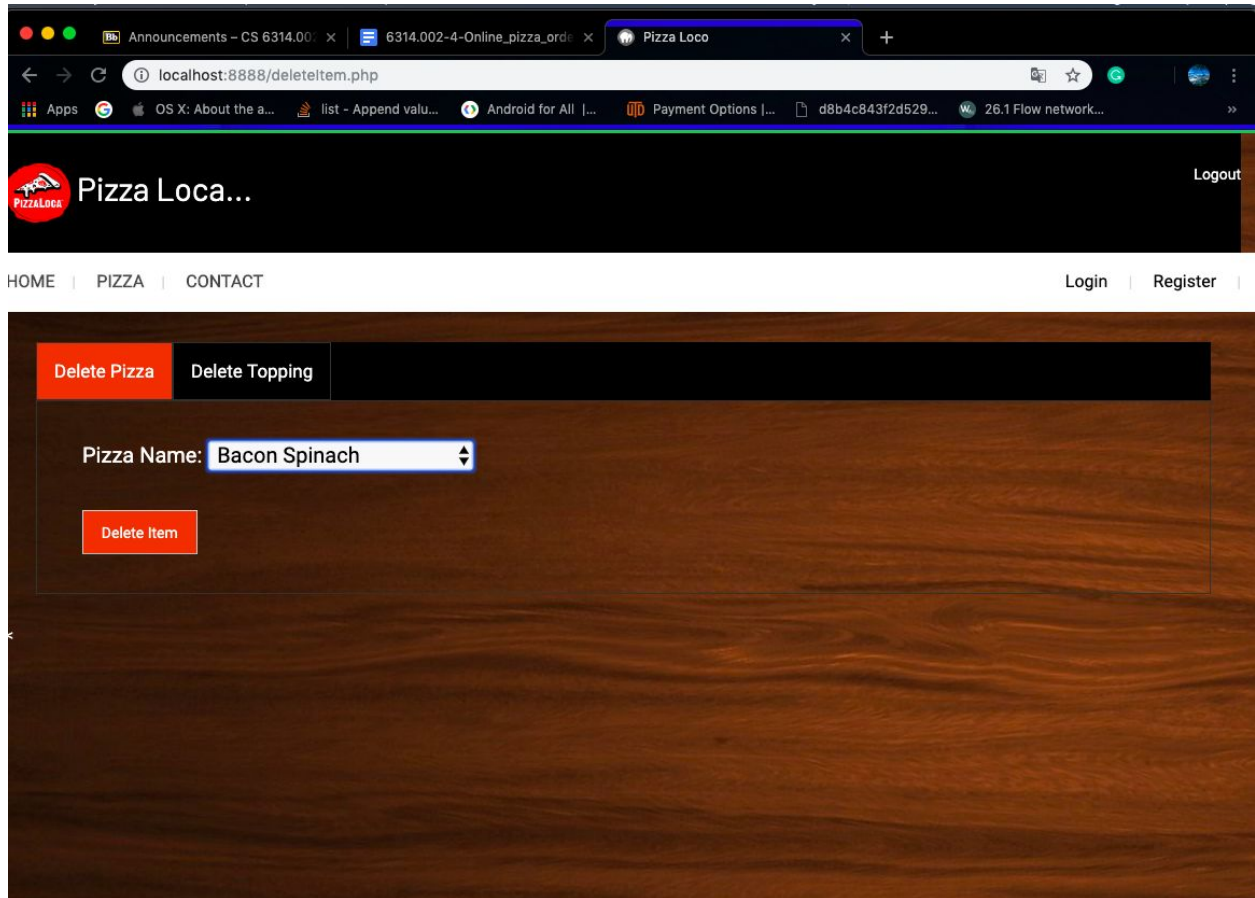- Checkout page

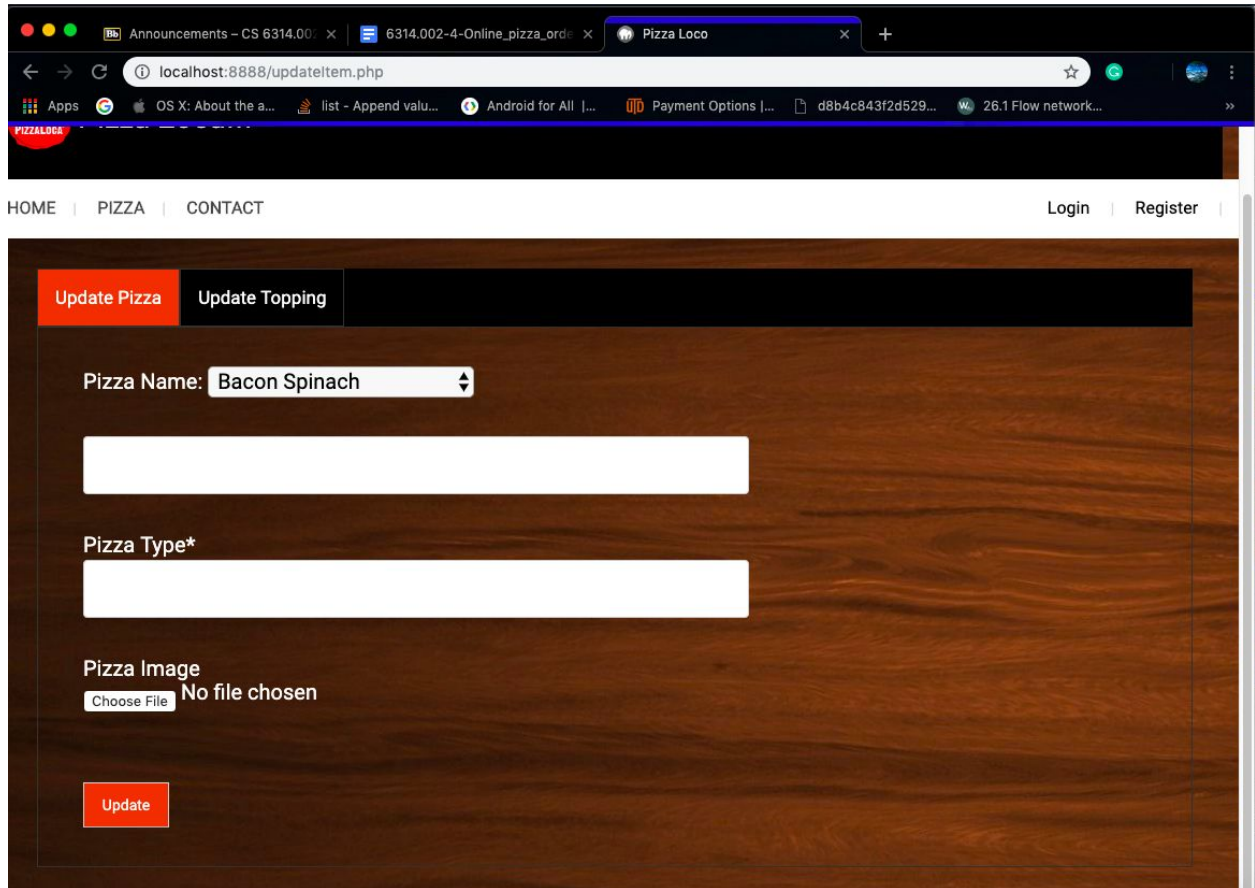- Confirmation Page

- Order history page

- Admin add item page

- Admin delete page

- Admin Update page

Team Members:

Jyotsna Prasad - jxp180016
Meghna Kurup - mxk180015
Tejas Ravi Rao - txr171830

Work Division:

Tejas Ravi Rao:
Database: Customer

Pages:
index.html - Home Page
register.html - User Sign Up/Register
register.php - Form Validation
validate.php
valid.php
validateRegister.js

validateLogin.js
login.html
login.php
newRegister.php
Logout.php
Contact.html
Footer.php
Header.php
loggedIn.js

Meghna Kurup:

Database: admin,items,toppings

Pages:
addItem.php
adminLogin.php
deleteItem.php
deleteItems.php
getUpdateData.php
Pizza.php (Pagination)
updateItem.php
updateNewItem.php
upload.php
addItem.js
deleteItem.js
updateItem.js
style.css

Jyotsna Prasad:

Database: customer_order,items,toppings

Addtocart.php
Checkout.php
end.php
history.php
Order.php
Payment.php
Pizza.php (Search,Filter)
removeFromCart.php
Search.php
Submit.php

Pizzaname.php
Order.js
Ordering.js
addtocart.js
search.js