



Rajshahi University of Engineering & Technology

Course Title: Web Based Application Project

Course No: CSE 3100

Submitted to:

Shyla Afroge

Assistant Professor

Dept. of Computer
Science

RUET

Submitted by:

Shafia Afrin

Roll: 1503022

Dept.: CSE

Section: A

Date: 10/10/2018

Title:

Online Grocery Store: Bazar-Sodai

Abstract:

The goal of this project is to create an e-commerce website where customers can do grocery shopping from brands of their desire. Chaldal.com is a famous online grocery store. For some of our functionalities I have taken this website as reference.

Functions:

An e-commerce website is a really big project. It has thousands of possible features that can be added. Being a novice in this field I tried to implement the basic functions from root. They are:

Customer side

1. It has easy log-in and sign-in feature for customer
2. Customers can search for their desired items
3. Customers can search product according to their brand & category
4. Customers can add their product to cart
5. Customers can modify their cart – removing or adding items
6. Customers can pay through bikash

Admin Side:

1. Admin have to login to access the admin page
2. Admin can insert or delete product

Resources:

Code Editor: Brackets

Browser: Microsoft Edge and Google Chrome

Web-server: Xampp

Languages:

1. HTML
2. CSS
3. Bootstrap
4. PHP
5. JavaScript

PC specification:

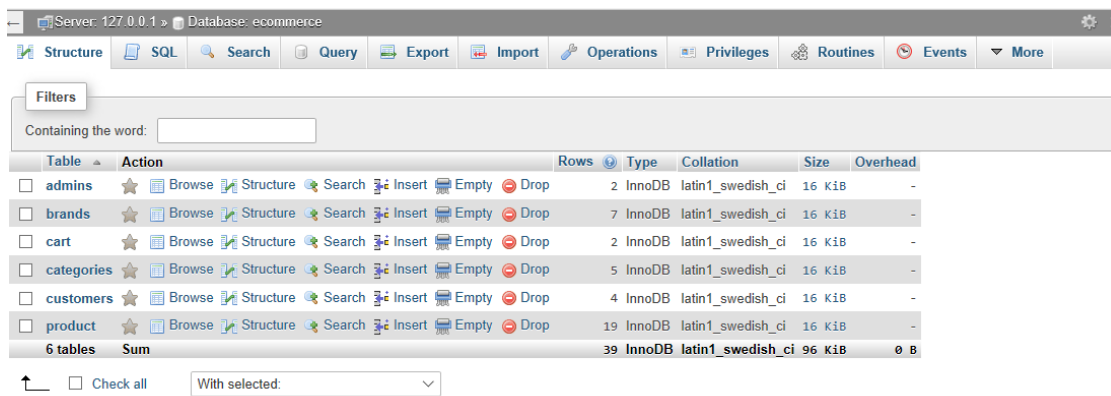
Intel Core i7-5500U CPU 2.40GHZ processor

RAM 4GB

64 bit operating system

Back-end Database:

In my local host for this project my data-base name was e-commerce. It has 6 tables.



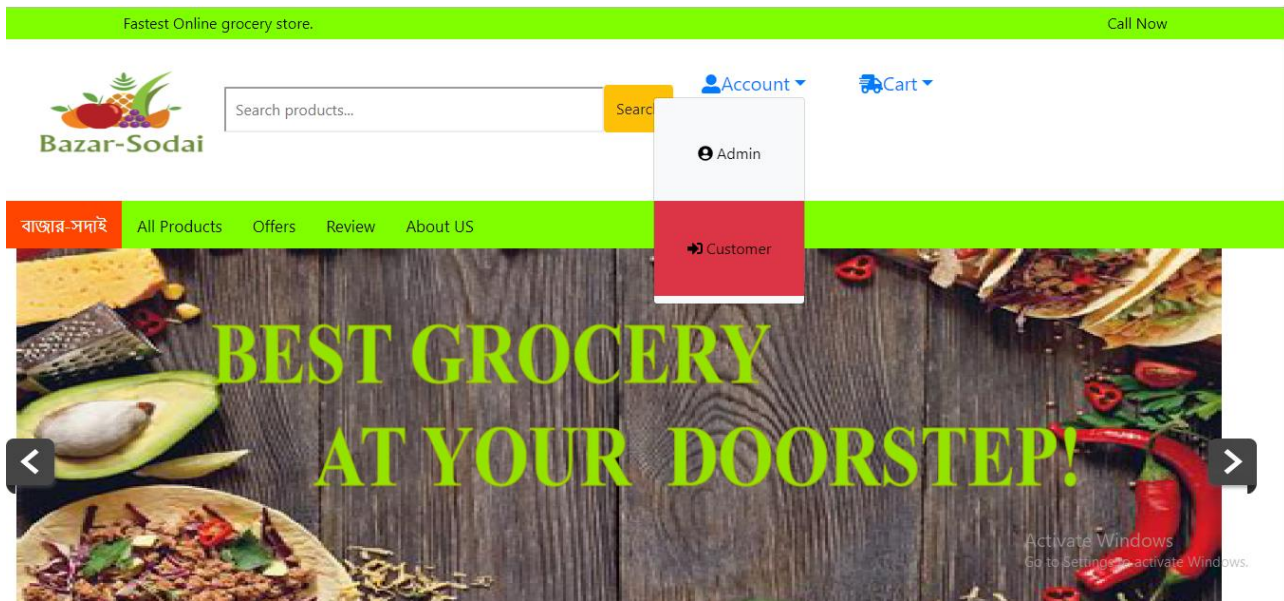
The screenshot shows the phpMyAdmin interface for a database named 'e-commerce' on a local server (127.0.0.1). The 'Structure' tab is selected, displaying a list of 6 tables. Each table row includes a checkbox, a star icon, a 'Browse' link, and a set of icons for 'Structure', 'Search', 'Insert', 'Empty', and 'Drop'. The table details are as follows:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admins	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> brands	★ Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> cart	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> categories	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> customers	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> product	★ Browse Structure Search Insert Empty Drop	19	InnoDB	latin1_swedish_ci	16 KiB	-
6 tables	Sum	39	InnoDB	latin1_swedish_ci	96 KiB	0 B

At the bottom, there is a 'Filters' section with a search box 'Containing the word:' and a 'Check all' checkbox.

Detailed Functionalities:

When anyone enters the website in the account dropdown option it asks whether he is an admin or customer.



If the person clicks on Admin it directs to admin login page.

The screenshot shows the Admin Login Form. It has a green header with "Admin Login Form". Below the header, there are two input fields: "Email" with the placeholder text "Enter Your mail id" and "Password" with the placeholder text "Enter Password". At the bottom of the form, there is a green button labeled "LOG IN".

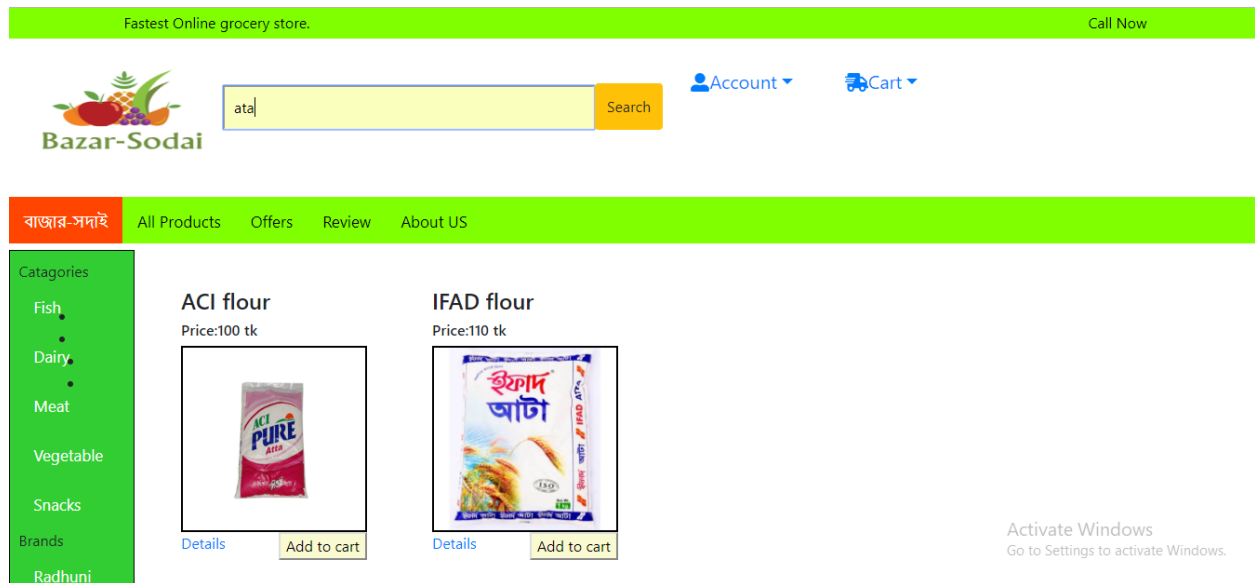
Admin can insert products.

The screenshot shows the Admin Panel. At the top, there's a green header with the Bazar-Sodai logo and "Admin Panel". Below the header, there's a green sidebar with links: "Home", "Delete Products", and "Log Out". The main content area has a red message "You have successfully Logged In". Below this, there's a form titled "Insert New Product". The form has several input fields: "Product Name" (Cauli Flower), "Price" (25), "Category" (Vegetable), "Brand" (unbranded), "Quantity" (45), "Image" (Choose File), and "Keywords" (fulkopi,vegetable,caulif). There is an "Insert" button at the bottom of the form. A small "Activate Windows" watermark is visible in the bottom right corner.

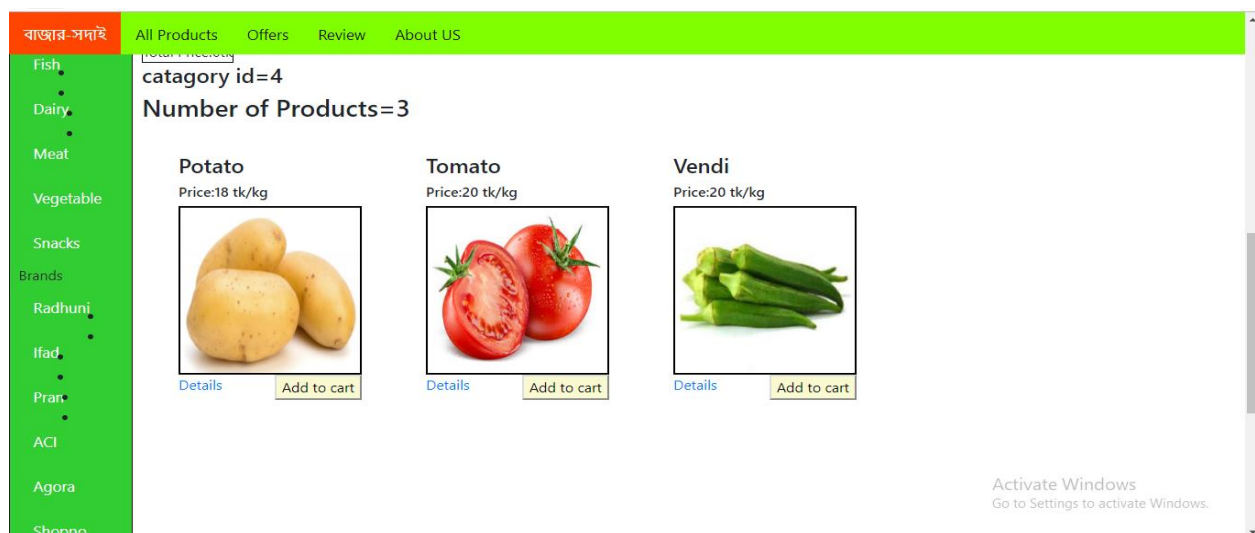
If admin logs out it goes again to login page.

If anyone clicks on customer page it stays in index.php page.

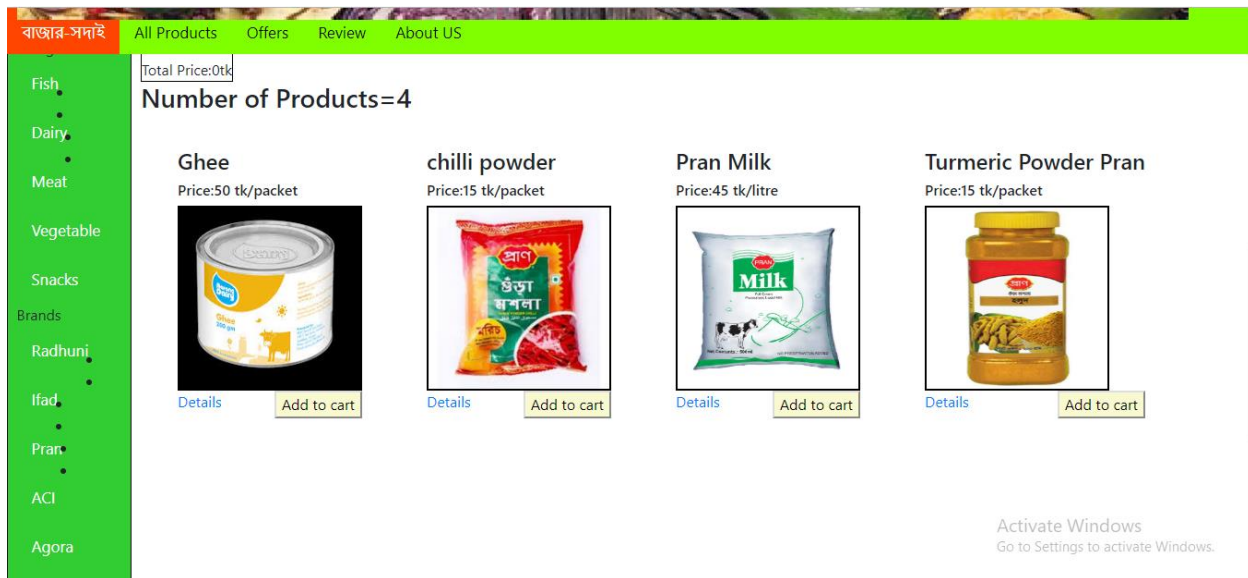
Customer can type anything on **Search box** and will show the result in result.php page.



It can also arrange product by brand and category which are mentioned in left side bar.



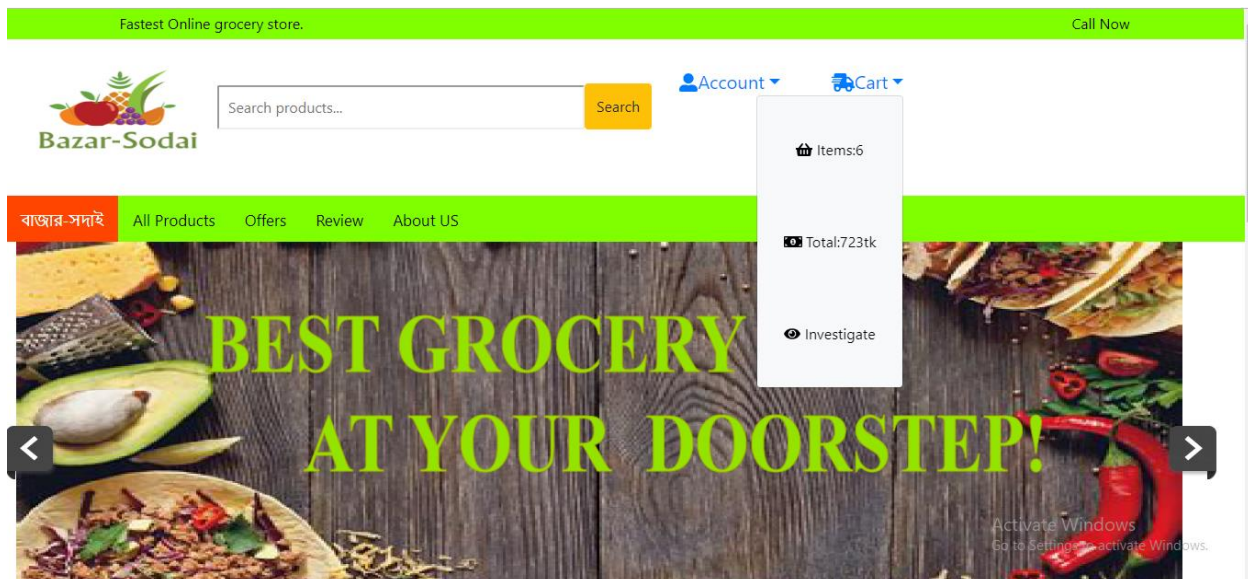
Here all the products from category 'vegetable' are arranged.



All the products from brand ‘Pran’ are arranged by clicking on left-side link named Pran.


After getting all the desired products it’s time to add products to cart.

In the following screenshot it’s the primary state of cart after adding some random products to cart.



If anyone clicks on any of this links it goes to another page and enables customer to do further manipulation in cart.

Fastest Online grocery store.



[Account](#) [Cart](#)

বাজার-সদাই All Products Offers Review About US

Categories

- Fish
- Dairy
- Meat
- Vegetable
- Snacks
- Brands
- Radhuni

Cart Details

Remove	Product(s)	Quantity	Unit	Price
<input type="checkbox"/>	chilli powder	1	packet	15
<input type="checkbox"/>	Potato	1	kg	18
<input type="checkbox"/>	Beef Meat	1	kg	200
<input type="checkbox"/>	Turmeric Powder Pran	1	packet	15
<input type="checkbox"/>	Rui Mach	1	kg	400
<input type="checkbox"/>	Doreo	1	packet	75
Subtotal Price: 723tk				

Let's assume user wants to remove Doreo from items. He has to click the remove button beside Doreo and click on 'Remove Item' option.

Cart Details

Remove	Product(s)	Quantity	Unit	Price
<input type="checkbox"/>	chilli powder	1	packet	15
<input type="checkbox"/>	Potato	1	kg	18
<input type="checkbox"/>	Beef Meat	1	kg	200
<input type="checkbox"/>	Turmeric Powder Pran	1	packet	15
<input type="checkbox"/>	Rui Mach	1	kg	400
<input checked="" type="checkbox"/>	Doreo	1	packet	75
Subtotal Price: 723tk				

After performing it changes the total price and number of items.

Cart Details

Remove	Product(s)	Quantity	Unit	Price
<input type="checkbox"/>	chilli powder	1	packet	15
<input type="checkbox"/>	Potato	1	kg	18
<input type="checkbox"/>	Beef Meat	1	kg	200
<input type="checkbox"/>	Turmeric Powder Pran	1	packet	15
<input type="checkbox"/>	Rui Mach	1	kg	400
				Subtotal Price: 648tk
Remove Item		Change Quantity	Continue Shopping	Check-Out

We can also change the quantity here. If we change the quantity of rui mach 1kg to 2 kg it will change the subtotal price.

বাজার-সদাই
All Products
Offers
Review
About US

Categories
Fish
Dairy
Meat
Vegetable
Snacks

Cart Details

Remove	Product(s)	Quantity	Unit	Price
<input type="checkbox"/>	chilli powder	1	packet	15
<input type="checkbox"/>	Potato	1	kg	18
<input type="checkbox"/>	Beef Meat	1	kg	200
<input type="checkbox"/>	Turmeric Powder Pran	1	packet	15
<input type="checkbox"/>	Rui Mach	2	kg	800
				Subtotal Price: 1048tk
Remove Item		Change Quantity	Continue Shopping	Check-Out

If customer is now satisfied with his purchase he may 'Check Out' now. It will redirect him to Customer login page.

Login Please

Usermail

customer@gmail.com

Password

....

Login

NEW?REGISTER

If the customer doesn't have any account previously he may click in register link. It will redirect him to Customer Registration page.



Create Account


Customer Name	Razia
E-mail ID	sultanarazia@gmail.com
Password	12345
City	Select a City ▼
Area	oxyzenmor
Contact	019155878793
Address	thana Office, chittagong

Register

After customer login or customer registration the page will be directed to payment option page. From where customer can choose the method of payment.



Payment Options

 Cash On Delivery Via Bikash Credit Card

Future Work:

As mentioned earlier e-commerce projects are huge. It has lots of opportunities to extend the work further. This project can be further improved by –

1. Improving the security so that the data remains secured when it is uploaded in server.
2. Creating system such that admin can differentiate the orders of each customer by having their ip address.
3. Creating management mechanism so that admin knows which distributor is delivering item where and when.
4. Creating review and messaging system .