

**PROJECT:** JEWEL E-COMMERCE – Dynamic Web Project

**MAIN FILE:** index.jsp

**DESCRIPTION:**

- A shopping cart application
- Display Products
- Login or Register
- Display Products
- Cart
  - Add items to cart
  - Edit items in cart
  - Delete items from cart
- Checkout Cart
- View past checkouts
- Reset password
- Update user details and password

**OTHERS:**

- Admin
  - Manage Users – Edit and Delete users
  - Manage Products – Add, Edit and Delete products
- Mail function – to fill Credentials.java
  - Reset password
  - Account registered
  - After deposit
  - After transfer

**DATABASE:**

```
CREATE DATABASE jewel;
```

```
// user table
```

```
CREATE TABLE user (id int NOT NULL AUTO_INCREMENT, name varchar(255) NOT NULL, email varchar(255) NOT NULL, username varchar(255) NOT NULL, password varchar(255) NOT NULL, cardno varchar(255) NOT NULL, cardtype varchar(255) NOT NULL, role varchar(255) default 'member', PRIMARY KEY(id));
```

// product table

```
CREATE TABLE product(id int NOT NULL AUTO_INCREMENT, name  
varchar(255) NOT NULL, img varchar(255) NOT NULL, type varchar(255)  
NOT NULL, price float NOT NULL, PRIMARY KEY(id));
```

// cart table

```
CREATE TABLE cart( id int NOT NULL AUTO_INCREMENT, user_id int,  
product_id int, qty int, PRIMARY KEY(id), FOREIGN KEY(user_id)  
REFERENCES user(id), FOREIGN KEY(product_id) REFERENCES  
product(id));
```

// checkout table

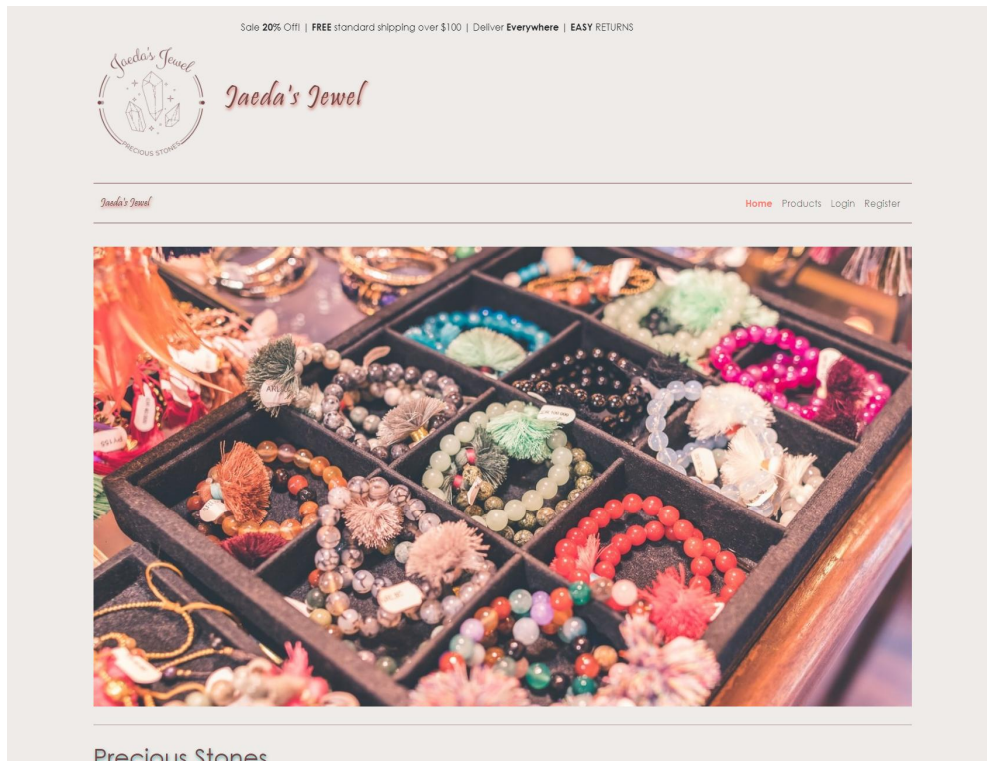
```
CREATE TABLE checkout( id int NOT NULL AUTO_INCREMENT, user_id int,  
total float, date timestamp NOT NULL, PRIMARY KEY(id), FOREIGN  
KEY(user_id) REFERENCES user(id));
```

// checkoutDetails table

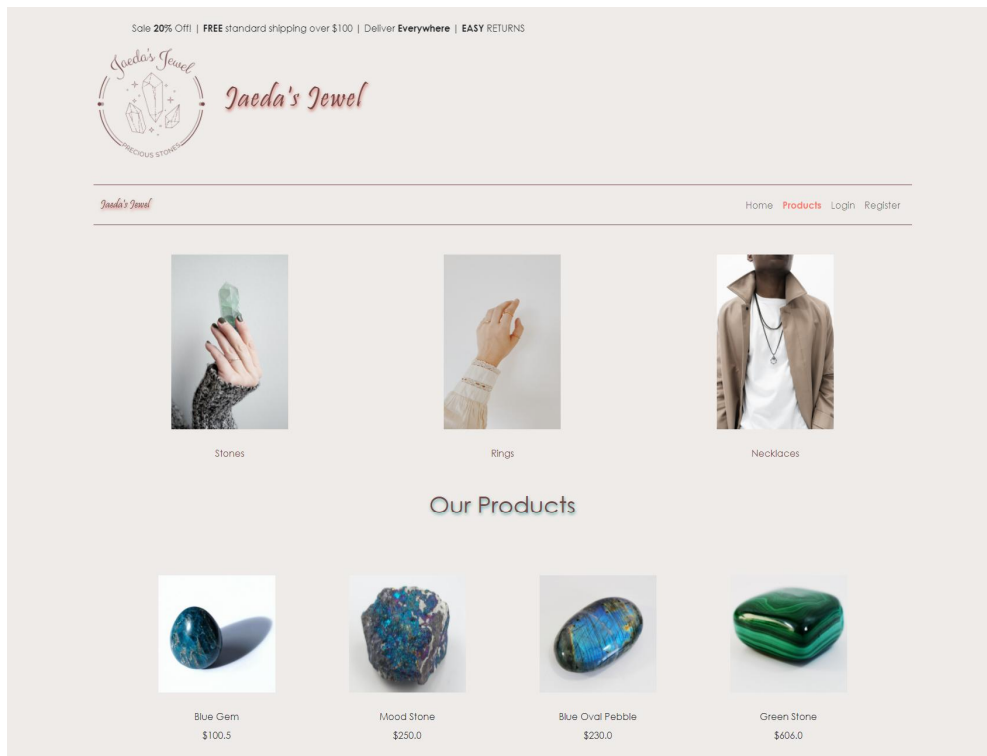
```
CREATE TABLE checkoutDetail( checkout_id int, user_id int,  
product_id int, qty int, price float, date timestamp NOT NULL,  
FOREIGN KEY(checkout_id) REFERENCES checkout(id), FOREIGN  
KEY(user_id) REFERENCES user(id), FOREIGN KEY(product_id) REFERENCES  
product(id) );
```

## SCREENSHOTS:

### Home Page –before login




### Product Page –before login (cannot add items)



## Login Page

*Saada's Jewel*
Home Products **Login** Register

### Login



Username

Password

**LOGIN**


I do not have an account

[Reset Password](#)

## Reset Password Page

*Saada's Jewel*
Home Products Login **Register**

### Reset Password



Enter OTP from Email

Enter New Password


Confirm New Password

**UPDATE**

## Register Page

*Saada's Jewel*
Home Products Login **Register**

### Register



Name

Email

Card Number

Card Type

Username

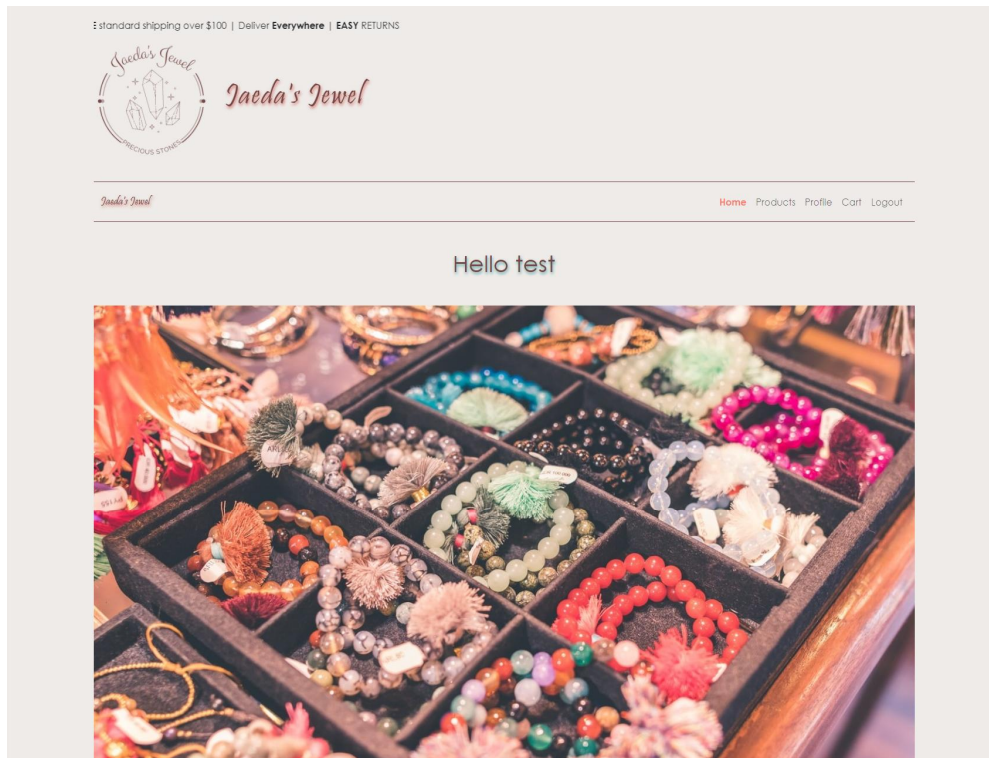
Password

Confirm Password

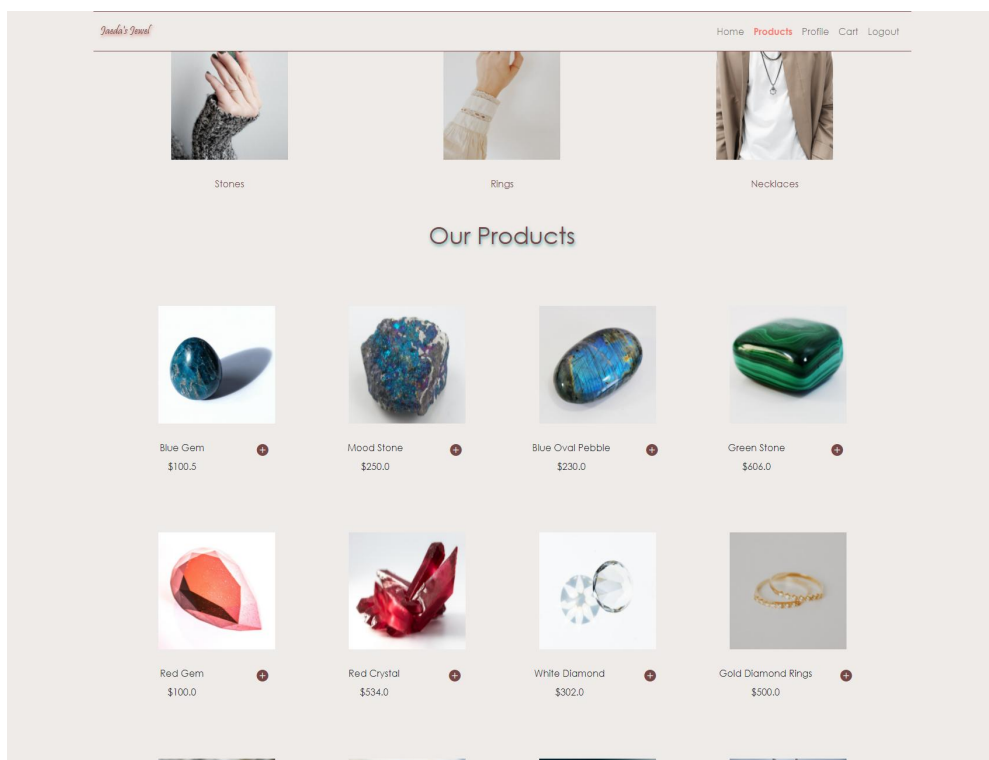
**REGISTER**

I already have an account

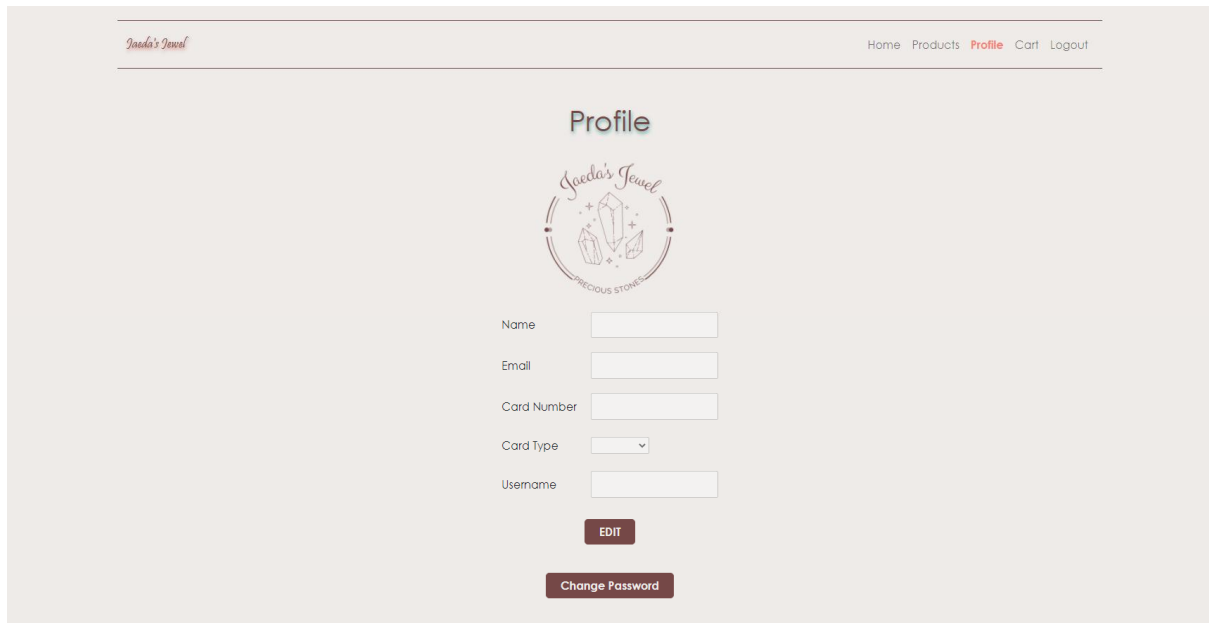
## Home Page –after login



## Product Page –after login ('add item' button)

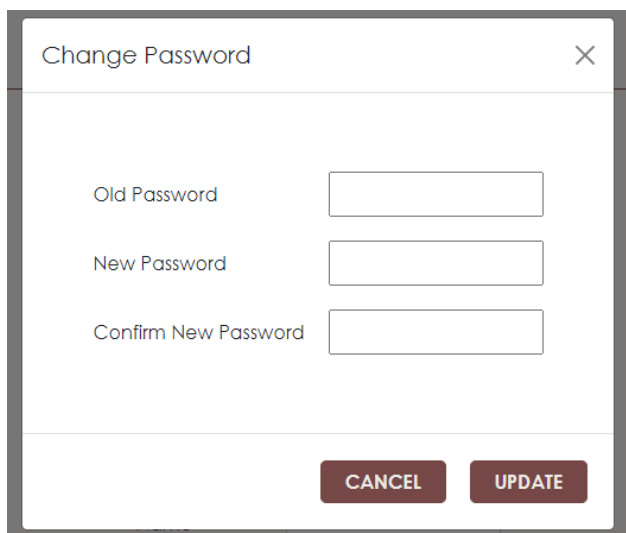


## Profile Page



The screenshot shows the 'Profile' page of a website. At the top, there is a navigation bar with the logo 'Jasda's Jewel' on the left and links for 'Home', 'Products', 'Profile' (highlighted in red), 'Cart', and 'Logout' on the right. Below the navigation bar, the word 'Profile' is centered. Underneath, there is a circular logo for 'Jasda's Jewel' with 'PRECIOUS STONES' written below it. To the right of the logo, there are five input fields: 'Name', 'Email', 'Card Number', 'Card Type' (a dropdown menu), and 'Username'. Below these fields are two buttons: 'EDIT' and 'Change Password'.

## 'Change Password' button – modal pop up



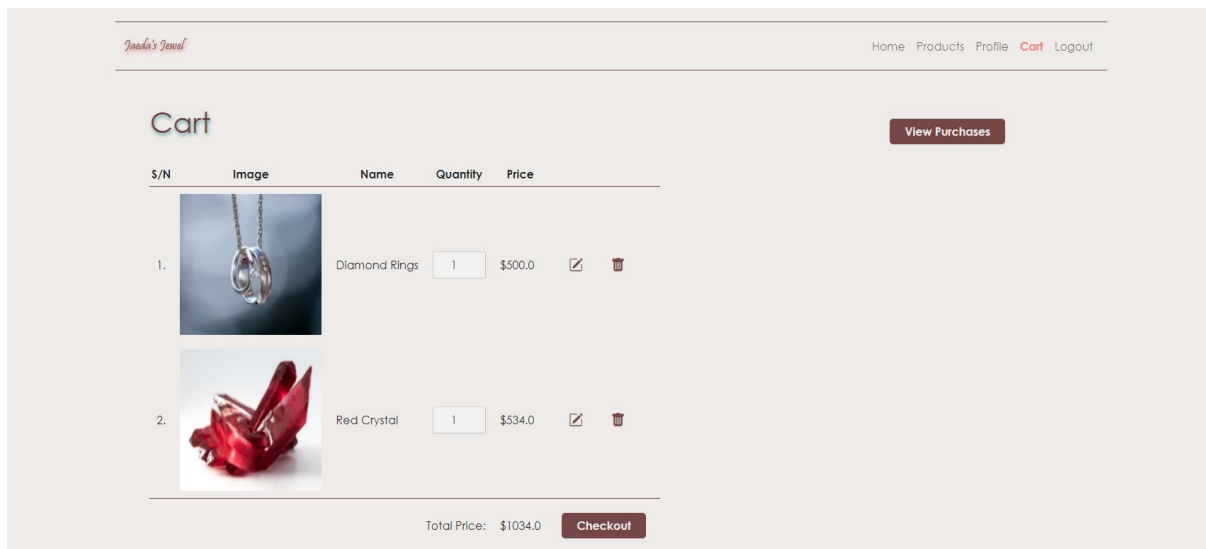
The screenshot shows a modal pop up titled 'Change Password' with a close button (X) in the top right corner. Inside the modal, there are three input fields: 'Old Password', 'New Password', and 'Confirm New Password'. At the bottom of the modal, there are two buttons: 'CANCEL' and 'UPDATE'.

## Cart Page –no items

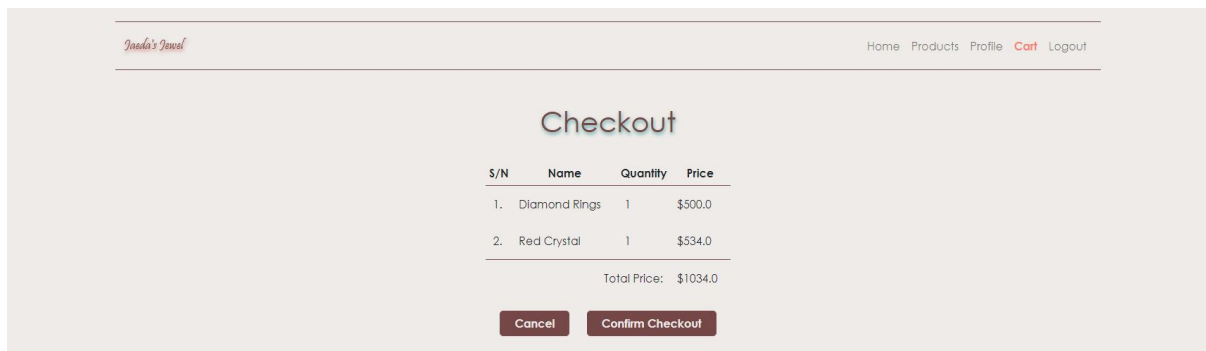


The screenshot shows the 'Cart' page of a website. At the top, there is a navigation bar with the logo 'Jasda's Jewel' on the left and links for 'Home', 'Products', 'Profile', 'Cart' (highlighted in red), and 'Logout' on the right. Below the navigation bar, the word 'Cart' is centered. To the right of the word 'Cart', there is a button labeled 'View Purchases'. Below the 'Cart' text, it says 'No Items in your Cart'.

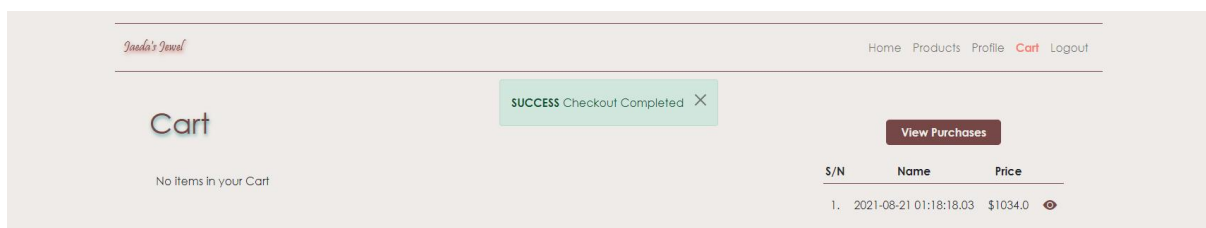
## Cart Page –with items



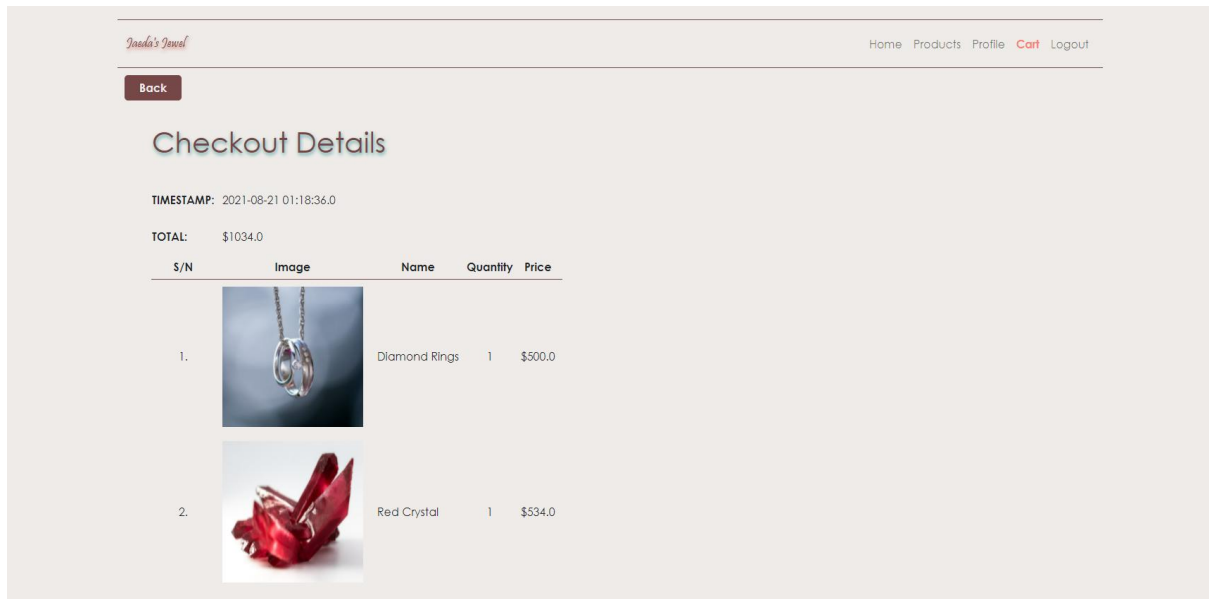
## Checkout Page



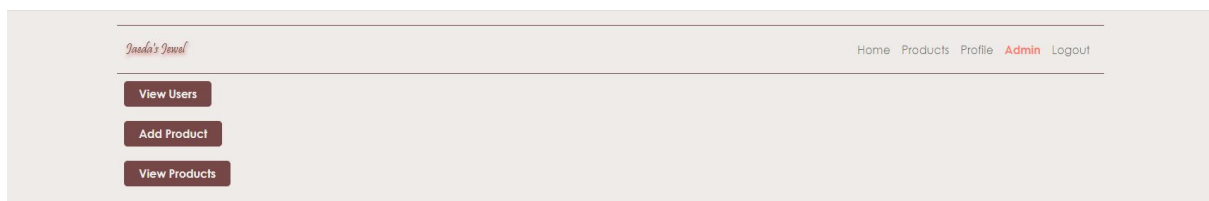
## 'View Purchases' button



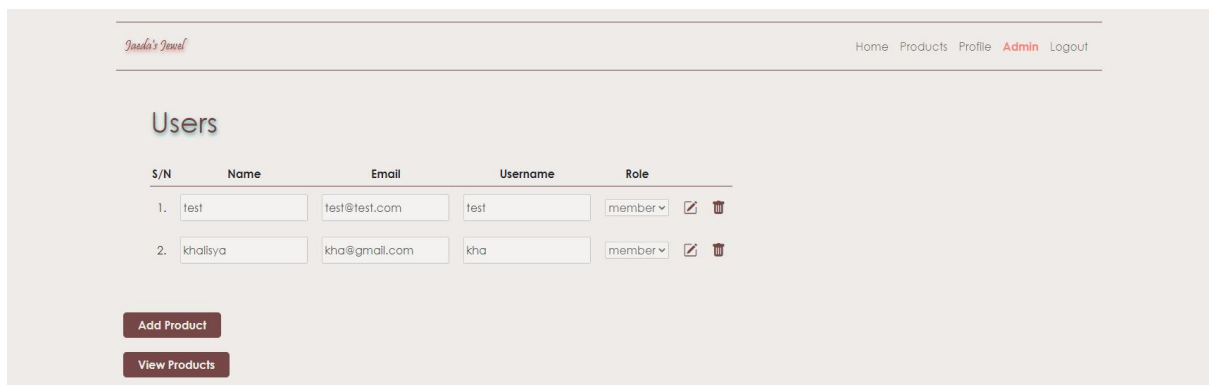
## 'Eye' button –Checkout Details Page



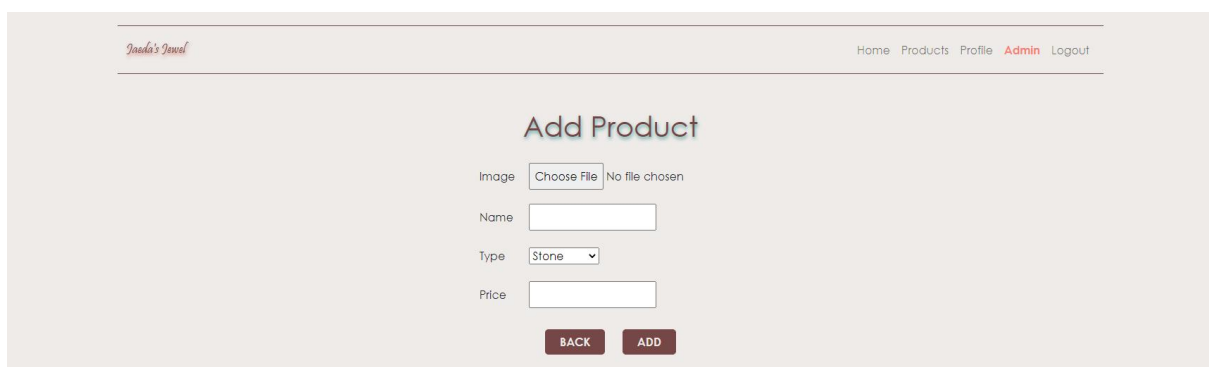
## Admin Page



## 'View Users' button



## 'Add Product' button









## 'View Products' button

*Jade's Jewel* Home Products Profile **Admin** Logout

[View Users](#)

[Add Product](#)

## Products

S/N	Image	Name	Type	Price	
1.		<input type="text" value="Blue Gem"/>	<input type="text" value="stone"/>	<input type="text" value="100.5"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2.		<input type="text" value="Mood Stone"/>	<input type="text" value="stone"/>	<input type="text" value="250.0"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
3.		<input type="text" value="Blue Oval Pebble"/>	<input type="text" value="stone"/>	<input type="text" value="230.0"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
4.		<input type="text" value="Green Stone"/>	<input type="text" value="stone"/>	<input type="text" value="606.0"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
	