MINISTRY OF EDUCATION
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
COLLEGE OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

وزارة التعليم
جامعة الإمام عبدالرحمن بن فيصل
كلية علوم الحاسب وتقنية المعلومات

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

CIS 423 – web-based systems.

Project title: white pigeon.

BB group: 4

Major: CS

Section number: S8F2

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Introduction of the Project

Our website is for gift shopping and is called white pigeon, our website will provide numerous gifts with different themes fitting for the necessary occasion, first the customer will choose a product followed by gift wrapping by his\her choosing, then the customer can go to his\her cart to check out, there the customer can write a gift card and the address.

Work assigned to members

1 members tasks Table

Member name	Task assigned
Abeer Ibrahim Alsomali	• Database • Checkout
Khadijah Hassan Alhyder	• Admin page. • Login • Add update • Delete product
Maha Nasser Aldughreer	• Product page • ER design. • Report. • Contact us
Muneera Abdullah Alhajri	• Home page • Header • footer
Sarah Alzayed.	• Admin page. • Login • Add update • Delete product
Arwa Alshahrani.	Shopping cart
Aghadeer Alzahrani.	• Products-details page • Pop-help

Database

Product table

Admin	Product_description	Product_quantity	Product_price	Product_id	Product_img	Product_name
Sarah99	This gift is for fancy males that contains thoub fabric, Oud, male accessories.	10	50	2	4.jpeg	**Fancy Bundle**
SalimHadi	This bundle is to warm your loved ones with a beautiful scarf, mug and blanket.	15	5	7	2.jpeg	**For You bundle**
9Abeer9	This bundle is for your love ones who reading is there number one passion.	5	58	9	8.jpeg	**Reders Bundle**
SalimHadi	This bundle is for your friends and family with beautiful new born baby it contains baby products.	3	58	5	6.jpeg	**New Baby Bundle**
Muneerah97	This bundle is for pink lovers to use in the summer to lay under the sun or next to the pool to get the summer tan.	7	66	11	7.jpeg	**Joy-full Pink Bundle**
Muneerah97	This bundle is for your mom to enjoy, it contains personal care items.	0	44	1	8.jpeg	**Mother bundle**
Khalid1986	This bundle is to celebrate your best friends	12	50	4	3.jpeg	**Best Friend Bundle**
Jameel878	This bundle is for anyone who likes to smell good and different every time they go out it contains: perfume, Oud, lovely smelling candles.	4	66	10	9.jpeg	**senses Bundle**

Aghadeer97	This bundle is for people to decorate their house with beautiful decor items	7	76	8	10.jpeg	**Dark Hours Bundle**
9Abeer9	This bundle is designed for your lovely bride to congratulate her on her special day it contains: accessorize, accessorize box, and other stuff	16	60	3	1.jpeg	**Bridal bundle**

Table 2 product database table

Admin table

username	Password	FirstName	LastName	Tele_Number	email	Date_Of_Birth
9Abeer9	Beroo88	abeer	alsomali	996587492801	Ab00@gmail.com	1987-08-12
Sarah99	SaRah99	sarah	saleh	996597482764	SarahSa@gamil.com	1990-02-22
Jameel878	JME8	Jameel	saad	996523542653	Jameel87@gmail.com	1988-06-05
Khalid1986	KH1986	khalid	ahmed	996585567998	KHAh98@gmail.com	1991-08-30
Muneerah97	M9n9eerah	muneerah	Saad	996597420014	Mun97@gmail.com	1990-04-09
Aghadeer97	aghadeer1997	Aghadeer	ahmed	996509284724	A223@gmail.com	1993-07-25
Sarah_salim	sarahSalih0	sarah	saleh	996587436219	Sara8@gmail.com	1997-03-22
SalimHadi	Hadi3434	salim	hadi	996522013743	Salim@gmail .com	1998-12-04

Table 3 admin database table

shipping table

This table is initially empty but will be updated with each new order.

orderId	notes	postcode	district	city	house	Country	Address	Phone	Email	LastName	FirstName

Table 4 shipping database table

order table

This table is initially empty but will be updated with each new order.

orderId	Product_id	Product_quantity	Total_price

Table 5 order database table

ER diagram

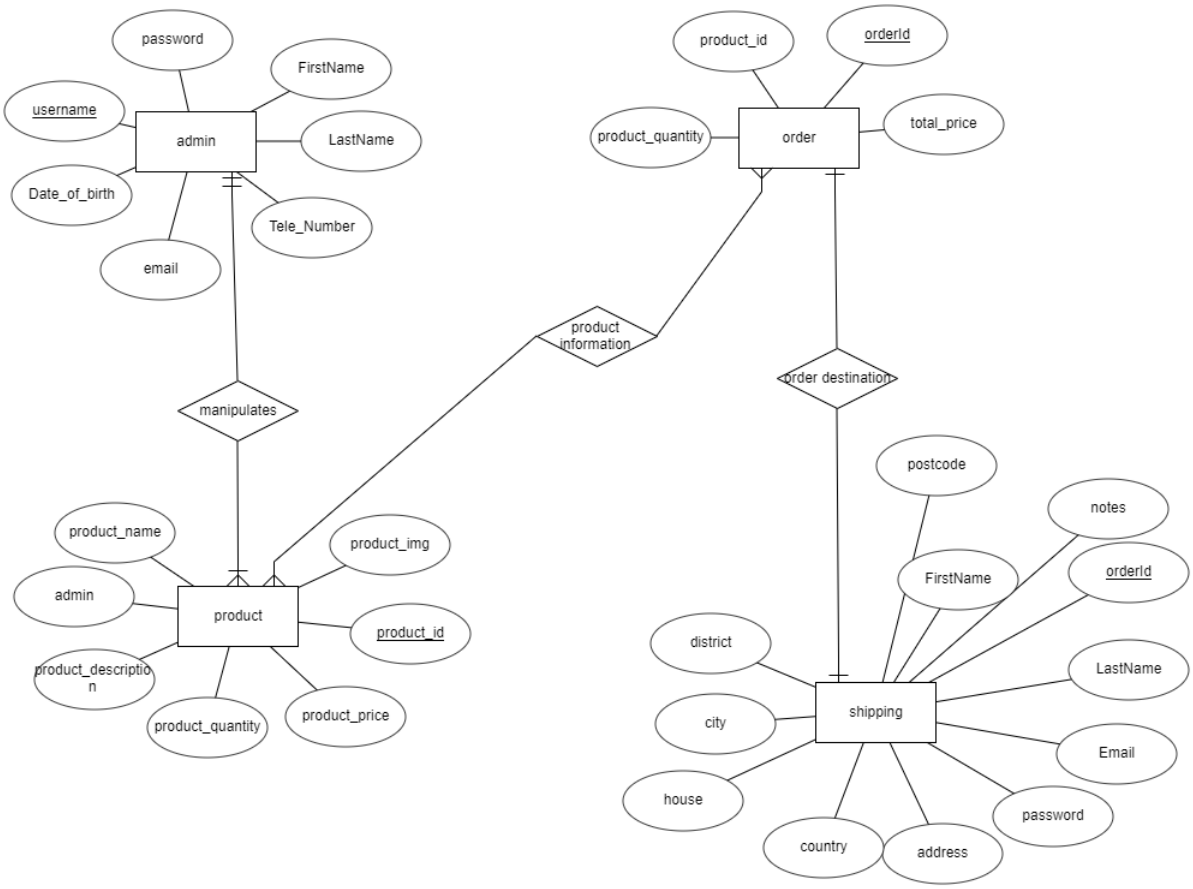


Figure 1 ER Diagram

Functional requirements

Task	Status(success)	Status(failed)	Extra Comments
Database design	√		
Web Design	√		
Display Products.	√		
Display Product Details	√		
Add to Cart	√		
Checkout	√		
Buy	√		
Authenticate Managers	√		
Add New Product	√		
Search for a product to modify or delete.	√		
Display address and location map	√		
Past purchases	√		
Forms validation	√		
Help window	√		
accessibility	√		
Efficiency	√		

Table 6 functional requirements table

Web application interfaces

First page.

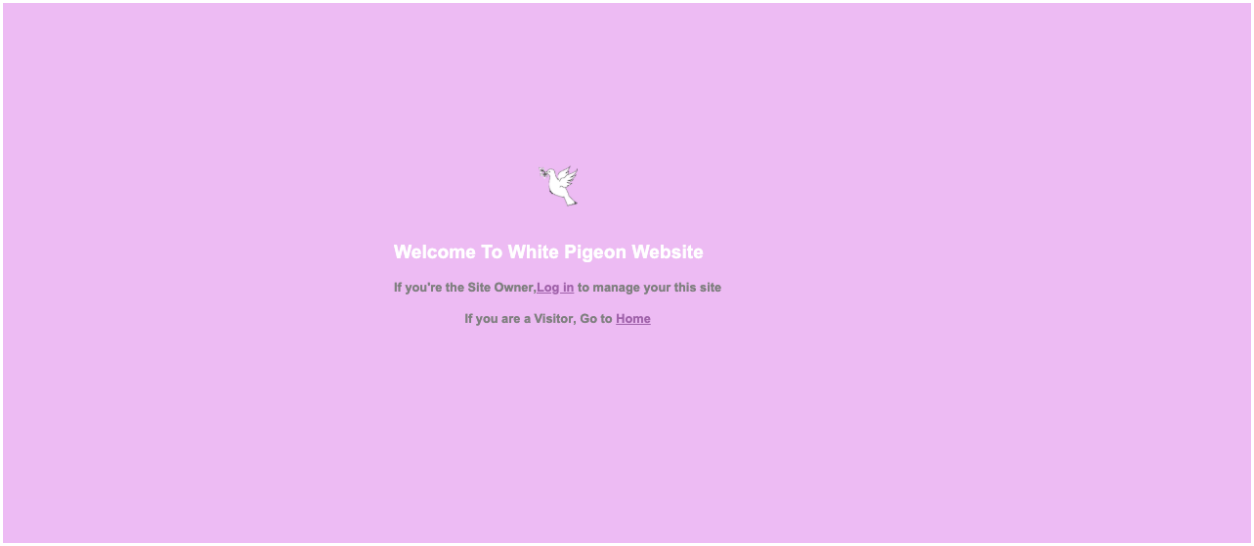


Figure 2 first page

Homepage.

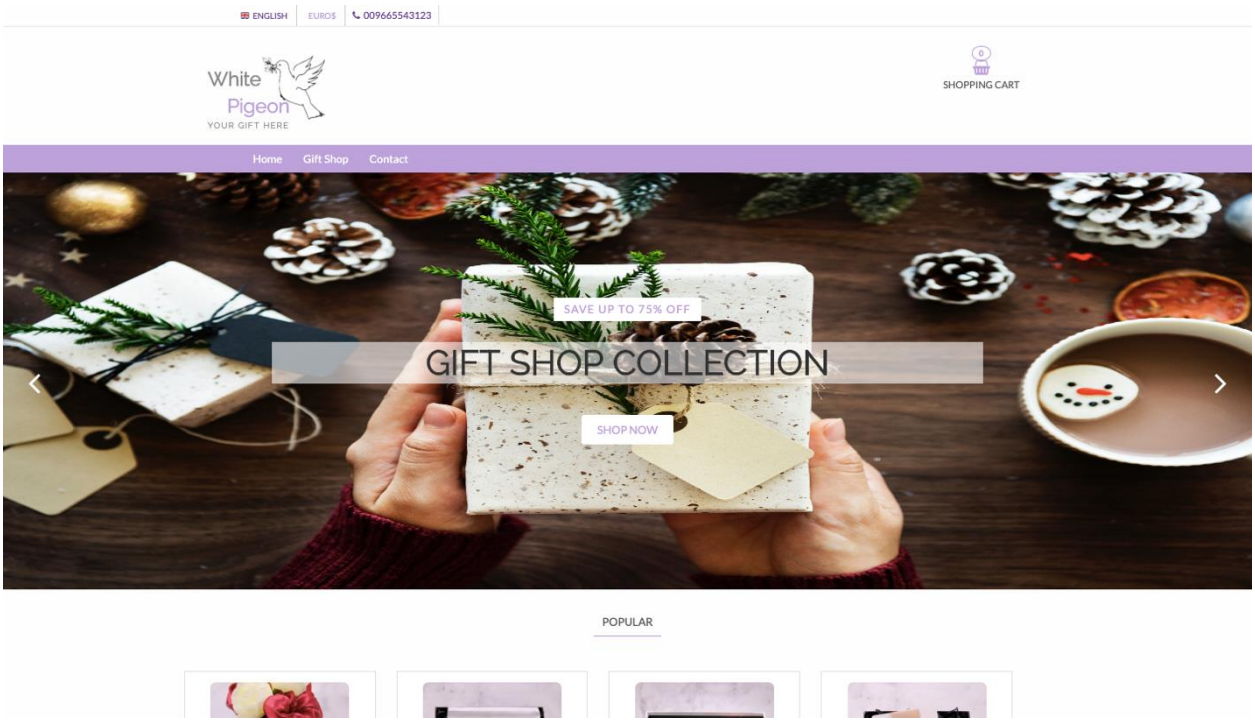


Figure 3 home page

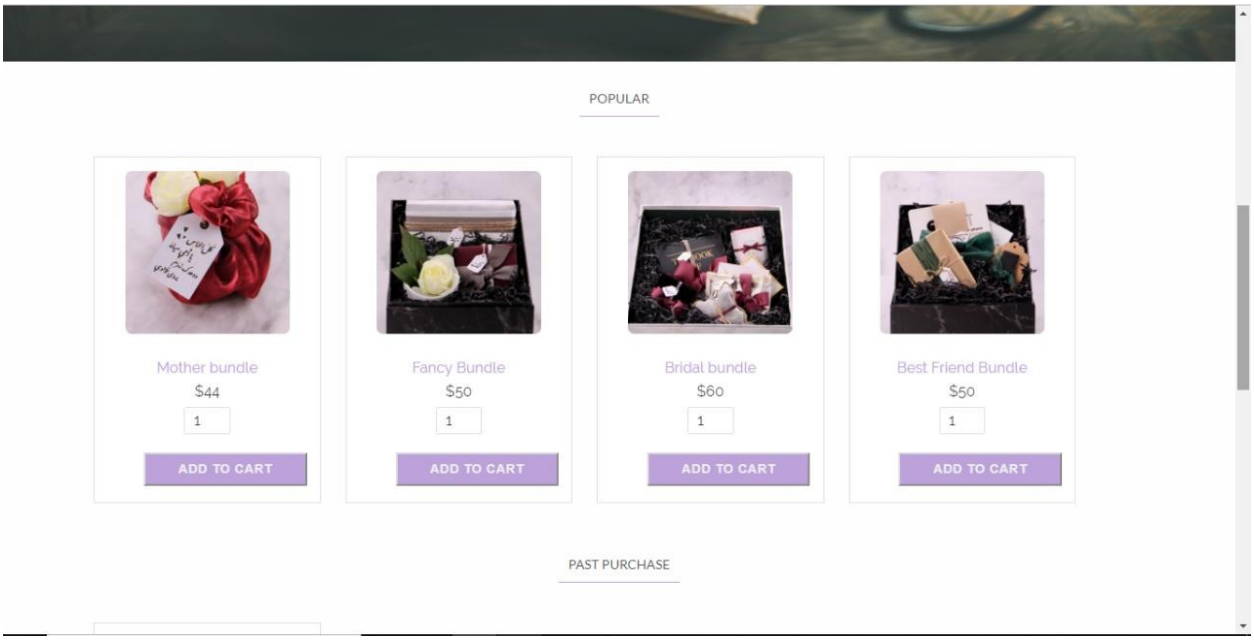


Figure 4 home page

Past purchases.

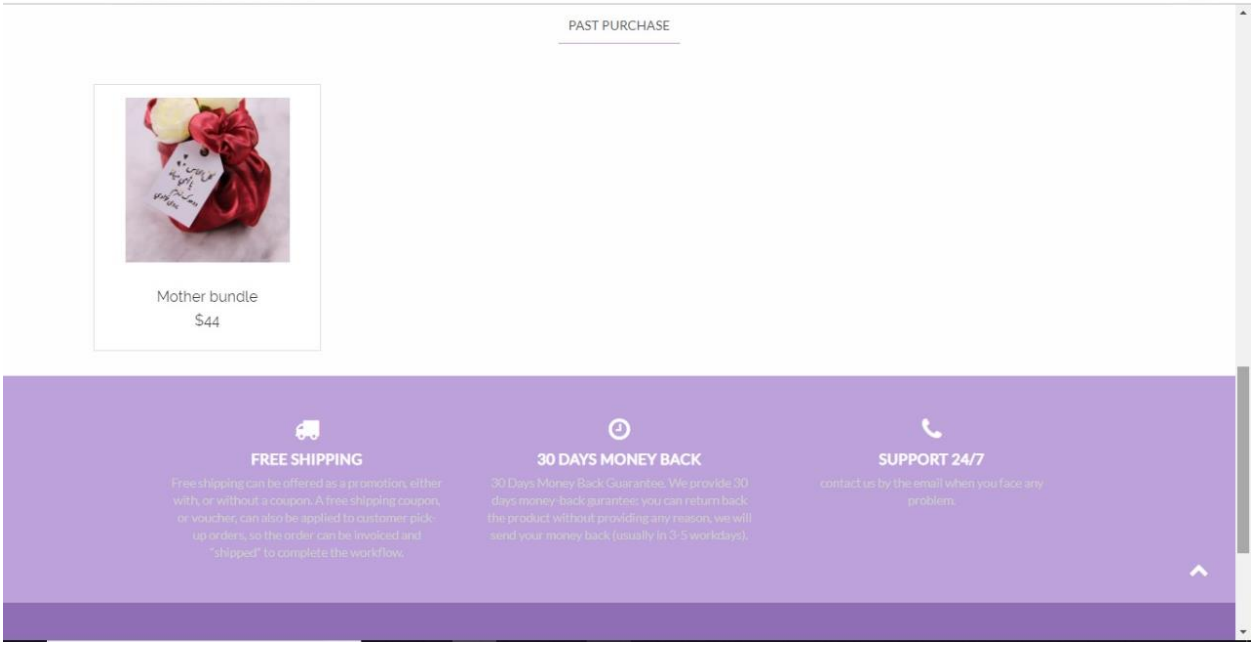


Figure 5 past purchases

Checkout page.

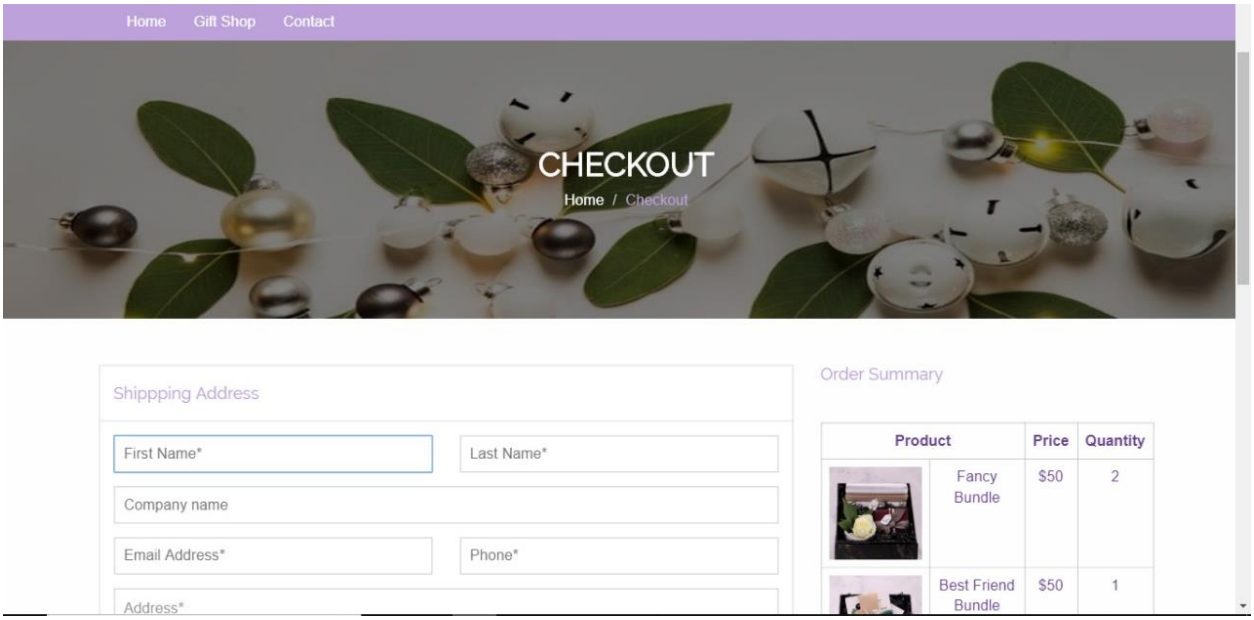


Figure 6 check out page 1

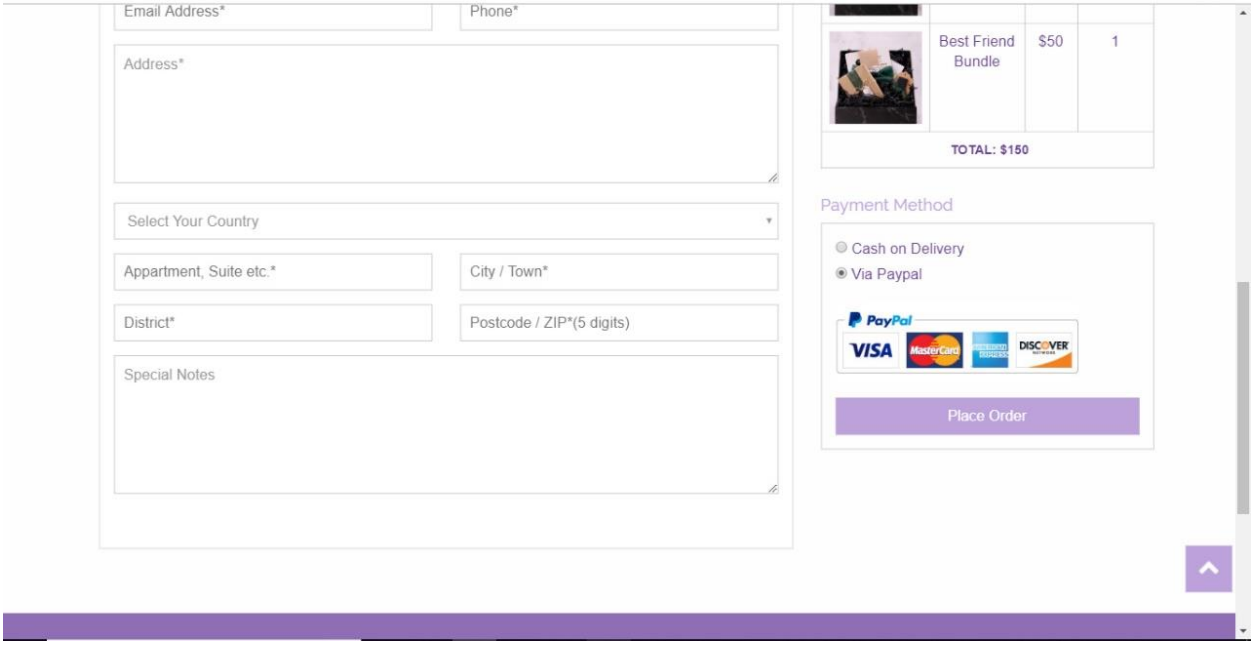


Figure 7 check out page 2

Products page.

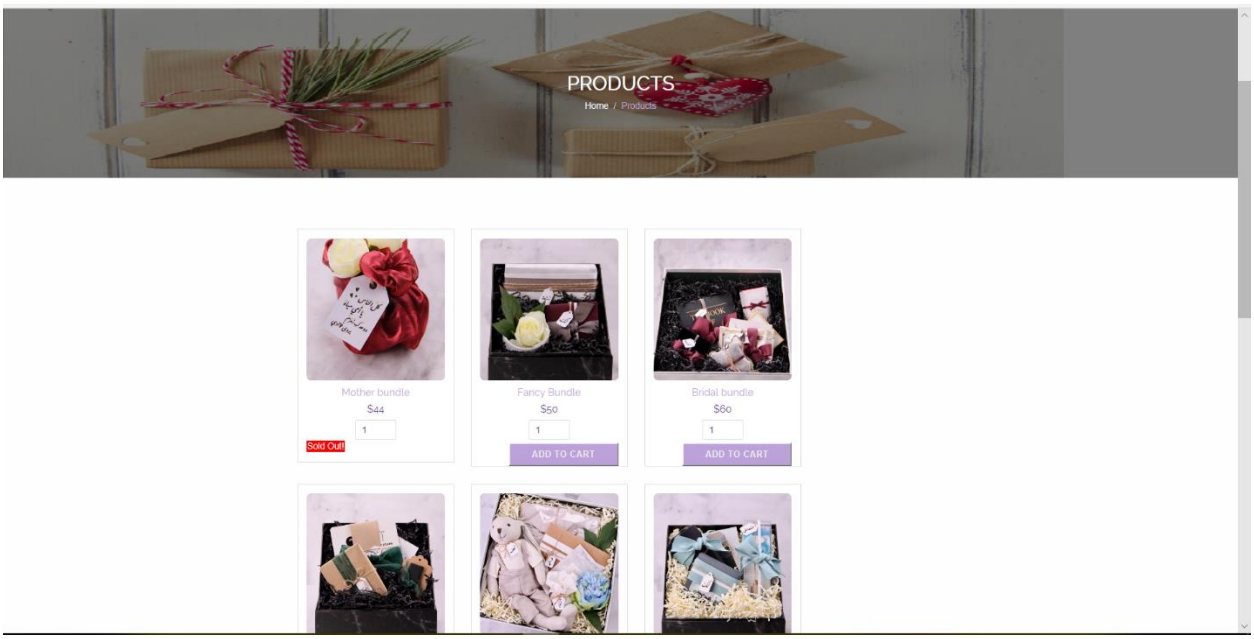


Figure 8 products page

Product detail.

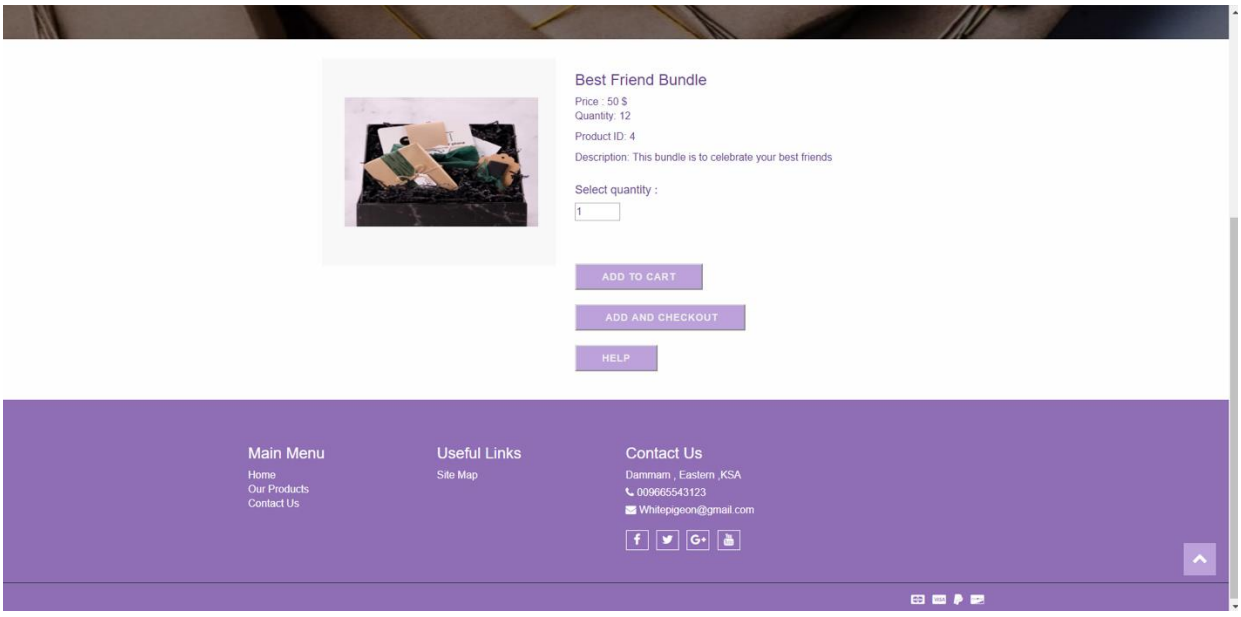


Figure 9 product detail

Contact us page.

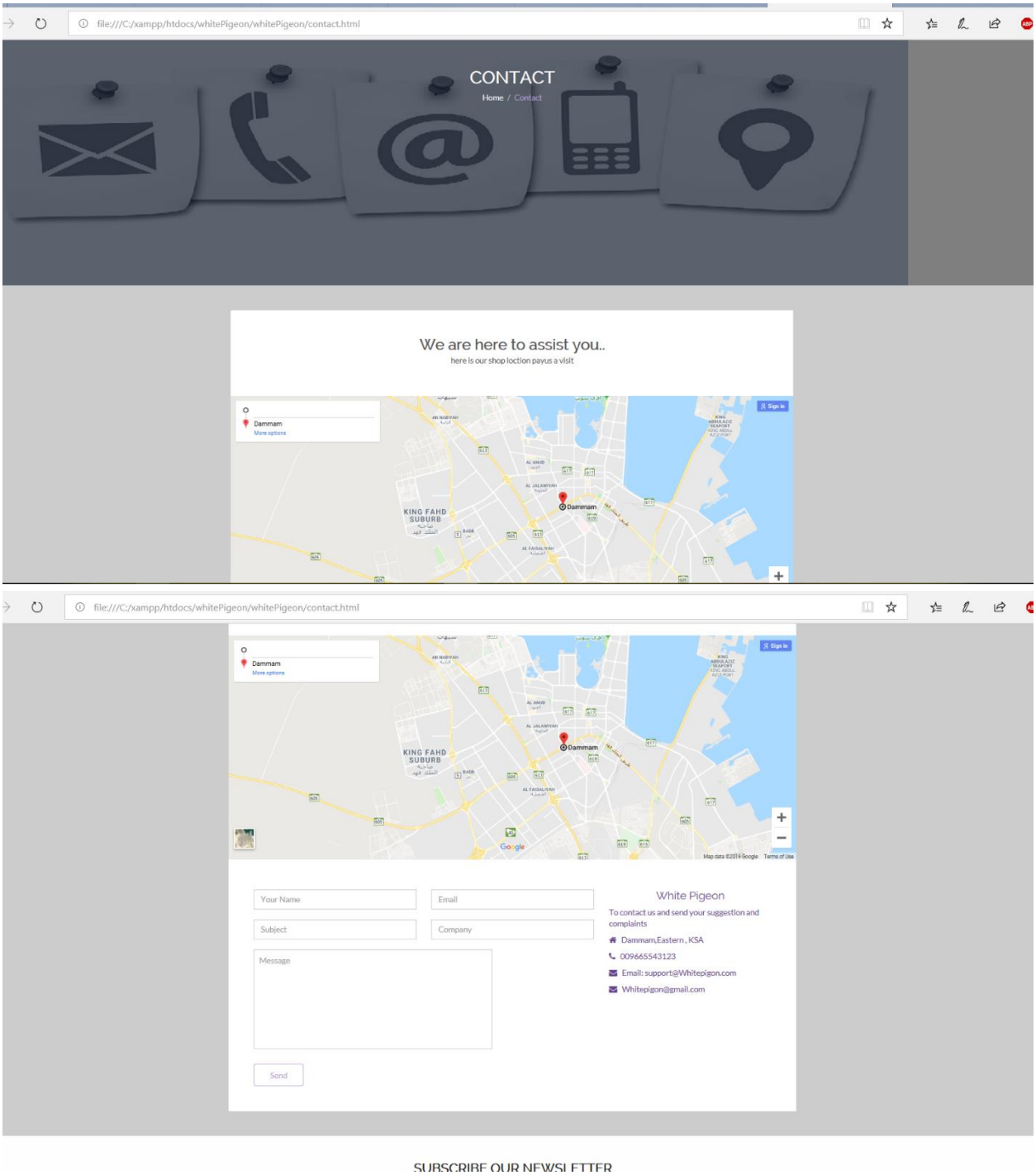


Figure 10 contact us page

Shopping cart page

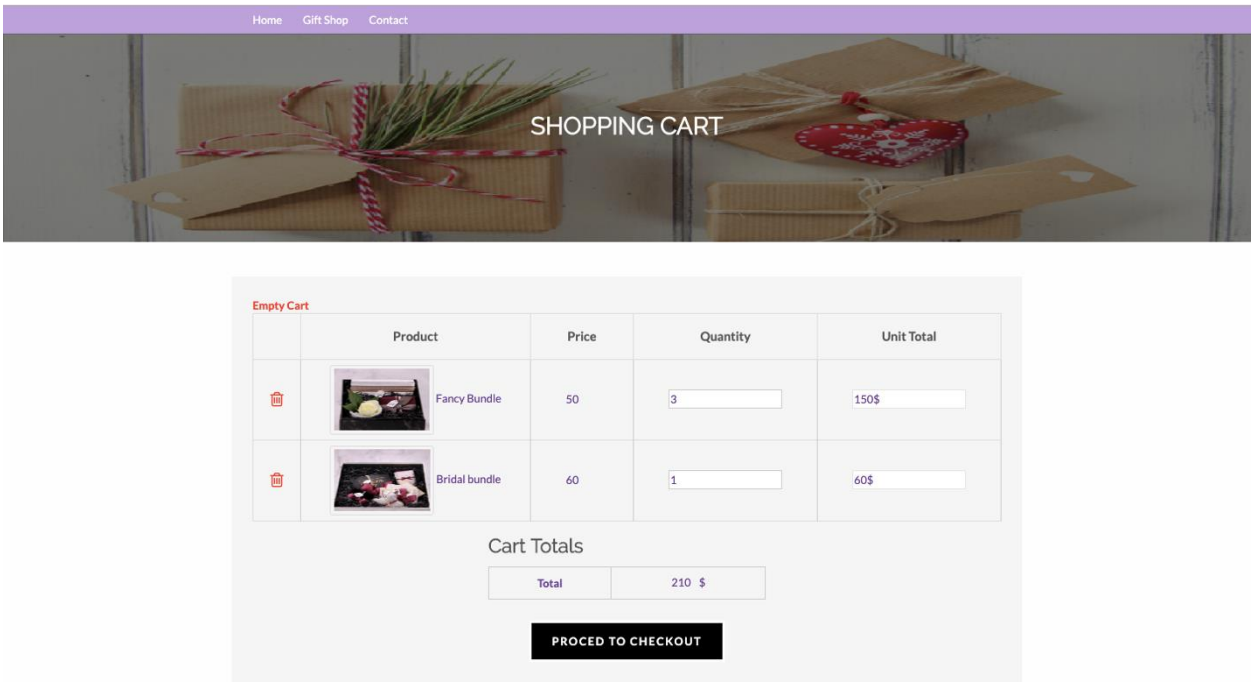


Figure 11 shopping cart page

Admin login page.

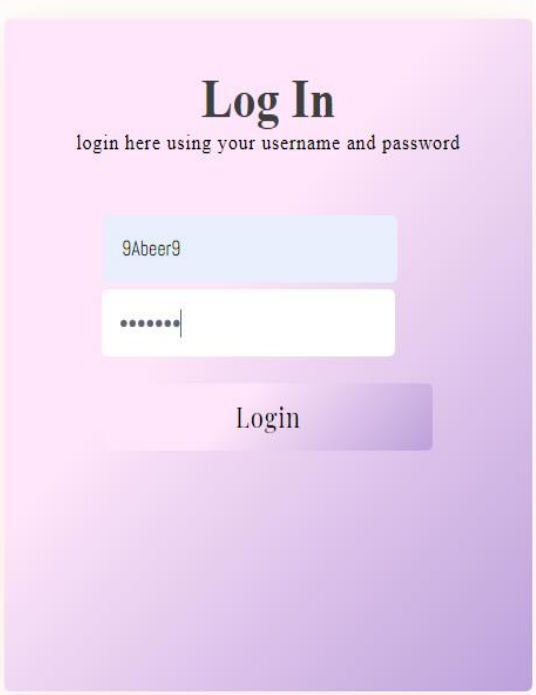


Figure 12 admin login page

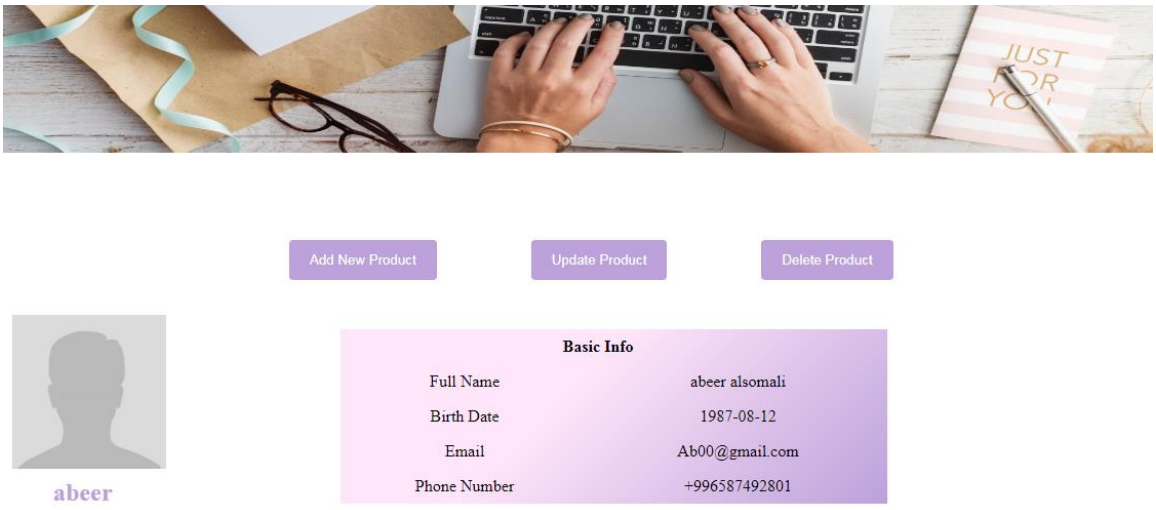


Figure 13 admin page

Testing cases

Display Product.

In Products page and product details information is retrieved from the database and displayed.

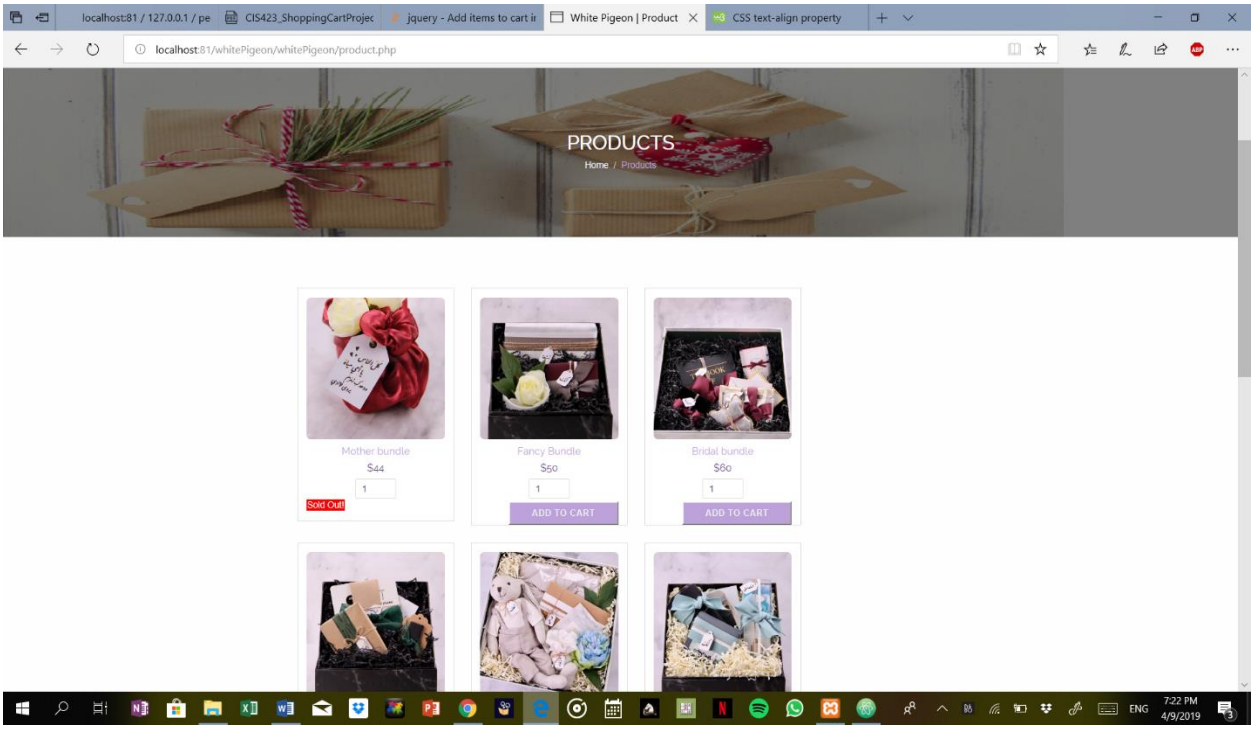


Figure 14 products display

Display Product Details.

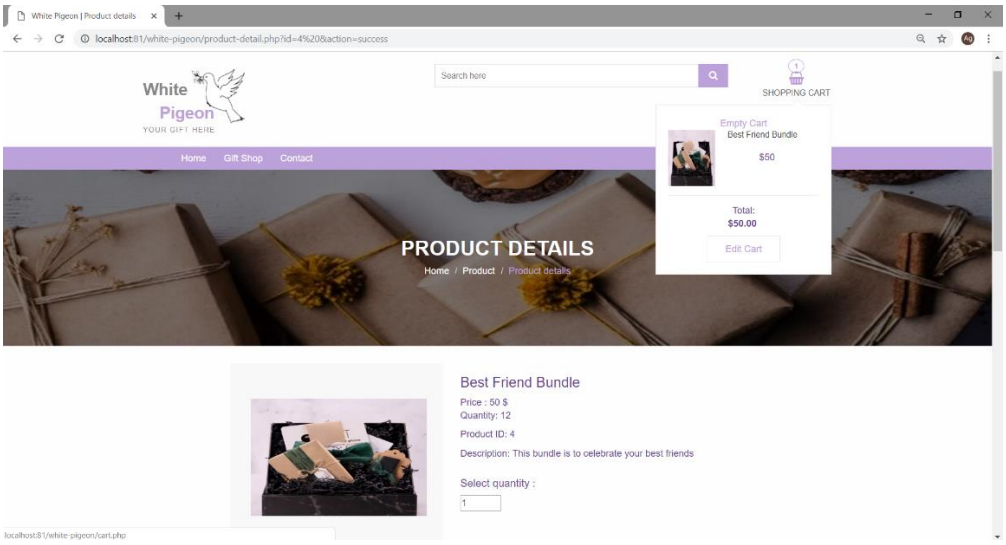


Figure 15 product details

Add to Cart

the customer can choose the quantity of the product then add it to cart.

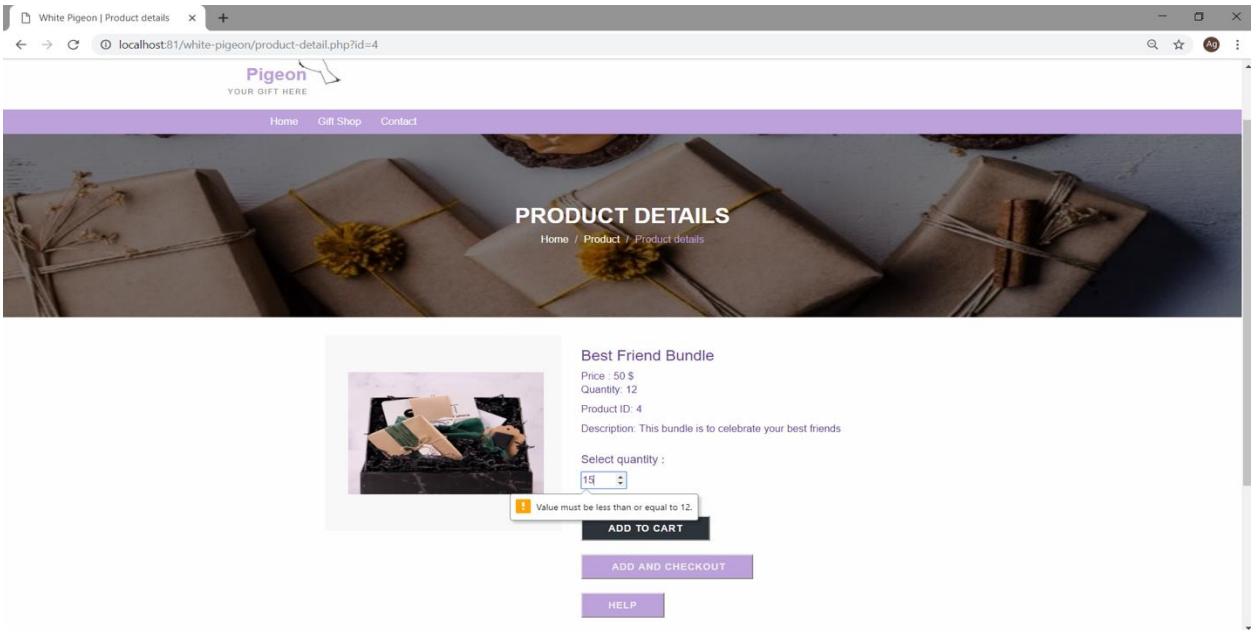


Figure 16 adding to cart

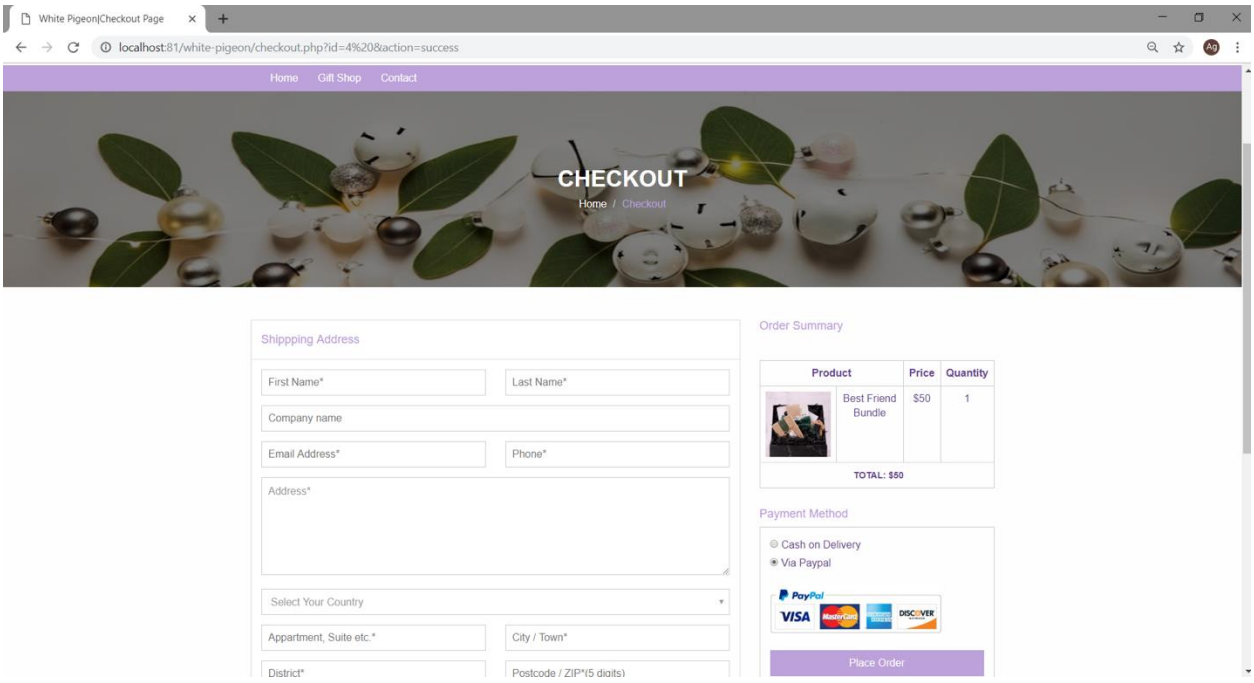
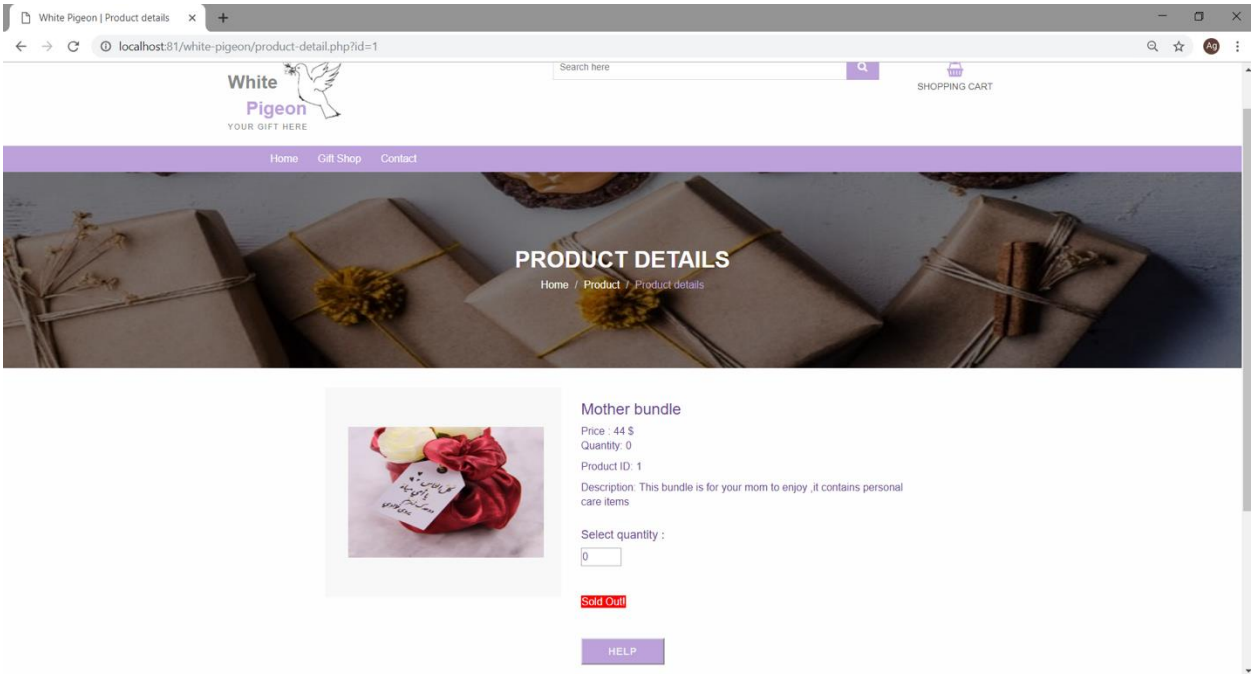


Figure 17 product added to cart

In addition, if the product is sold out the user can't add it to the cart as the add to cart button isn't available.



Checkout

Products in the cart will be displayed in the checkout page were the customer can modify the information.

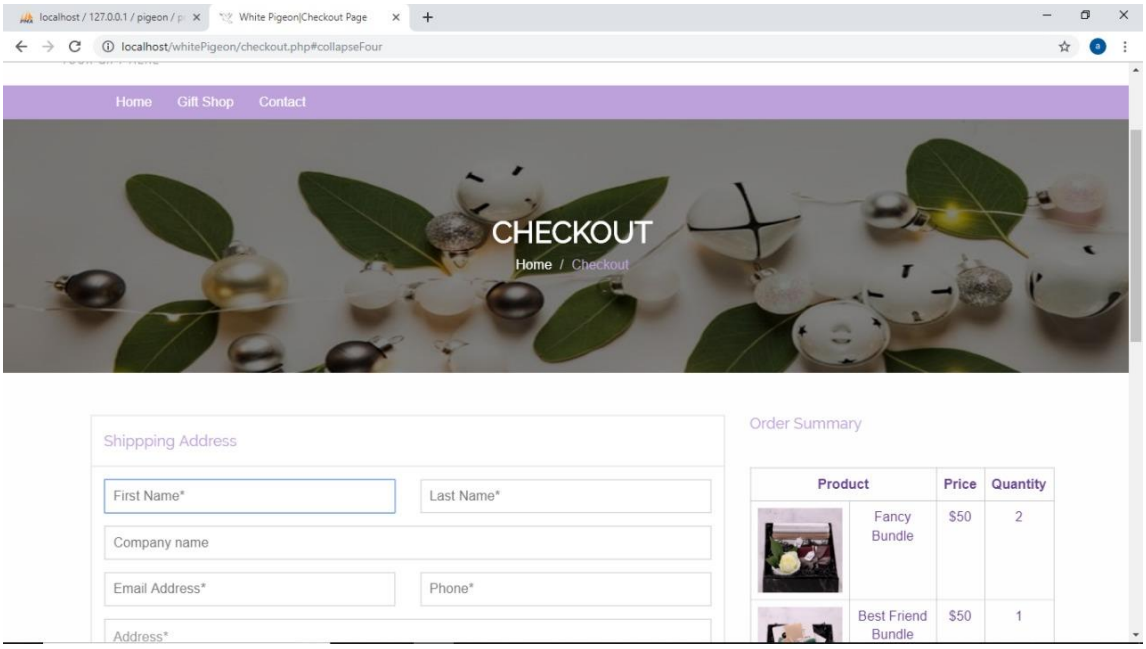


Figure 18 checkout page

Buy & past purchases

First, the checkout page filled with the necessary information.

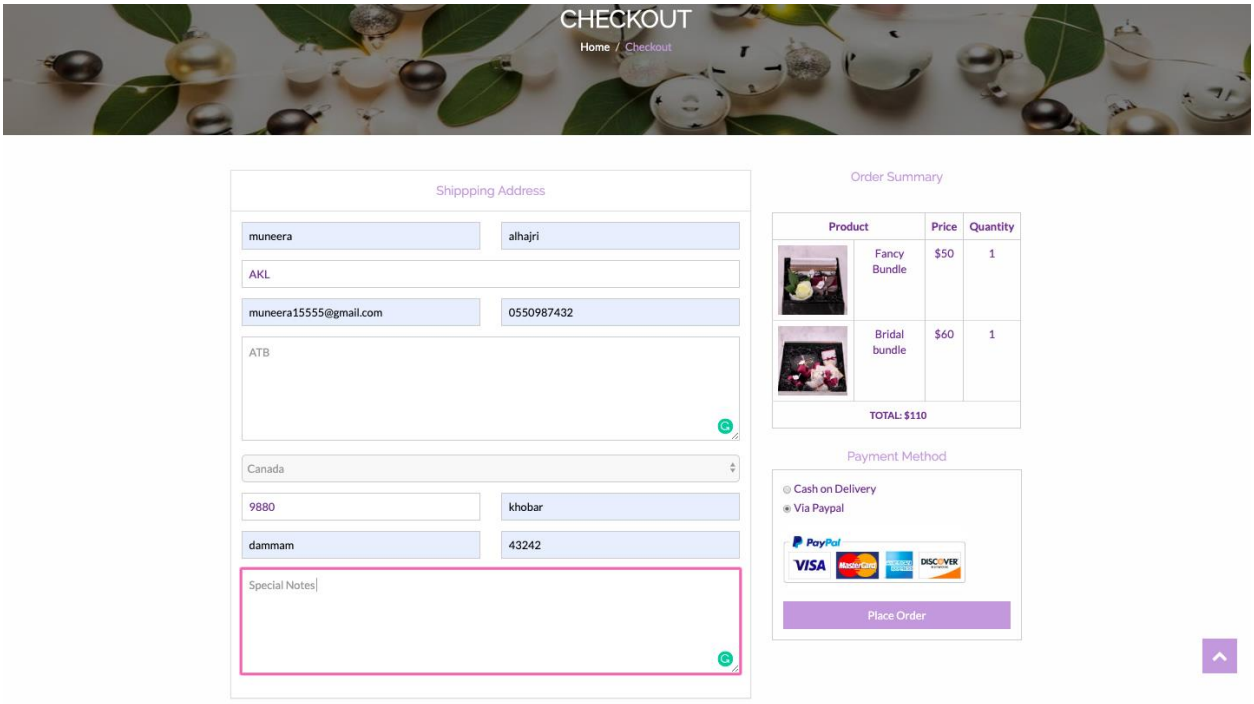


Figure 19 checkout page with information

Then an alert massage the conforms the completion of the process.

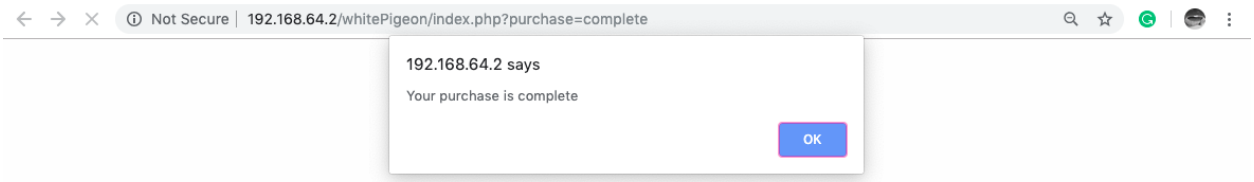


Figure 20 alert for process completion

It is shown after that the cart empty in the header.

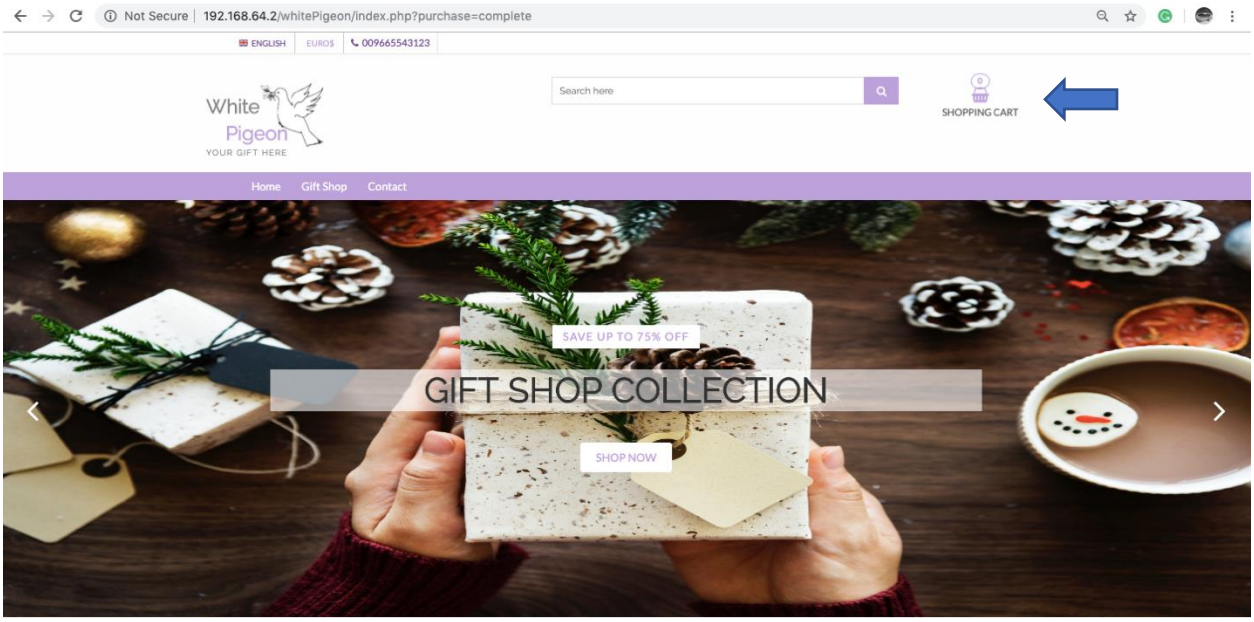


Figure 21 empty cart

Finally, the product then will be included in the past purchase.

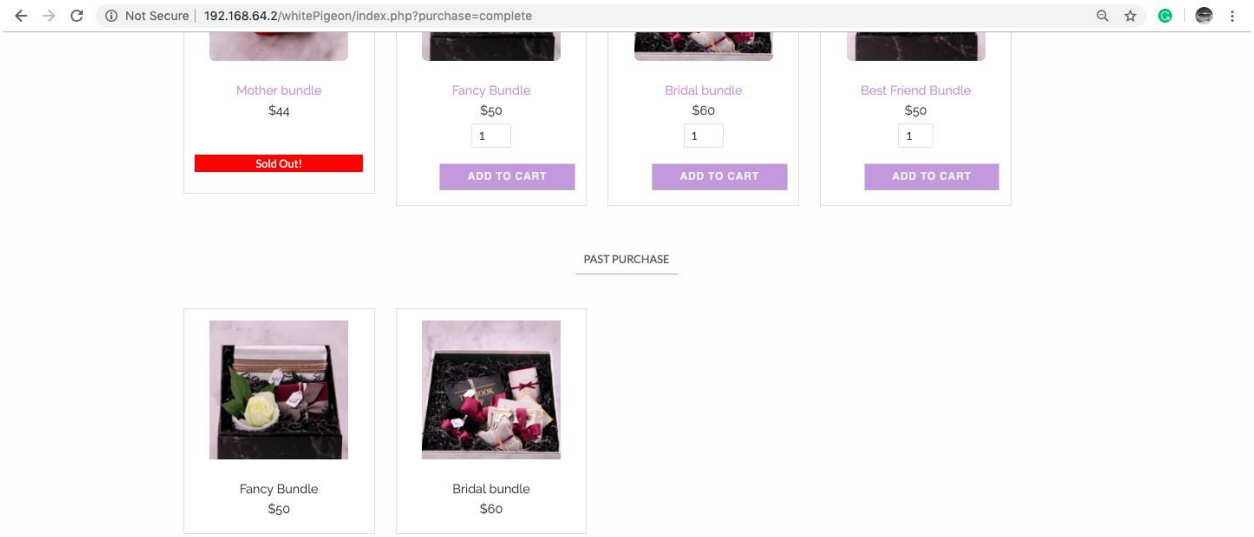


Figure 22 product in past purchases

Authenticate Manager

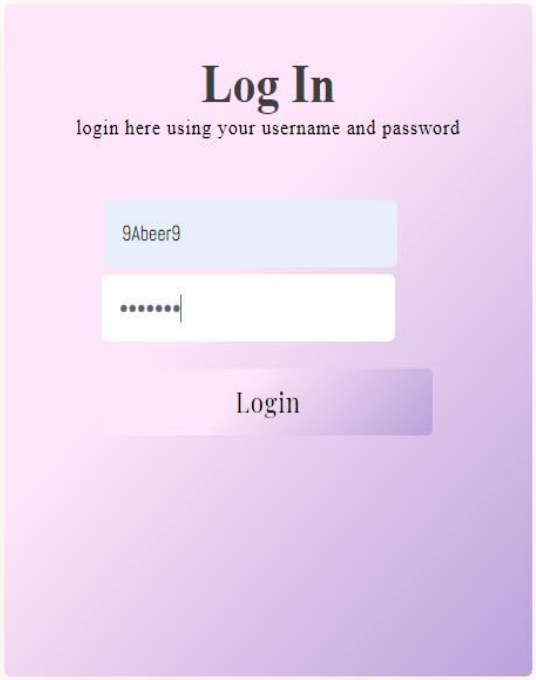


Figure 23 log in page

login page when admin click login button it will open the admin main page

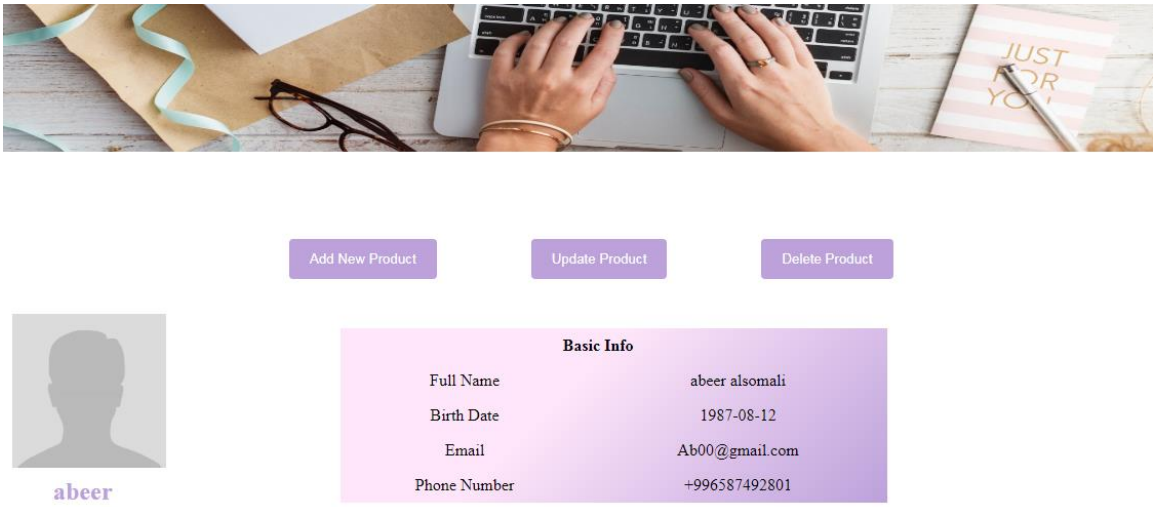


Figure 24 admin page

Admin main page

Add New Product

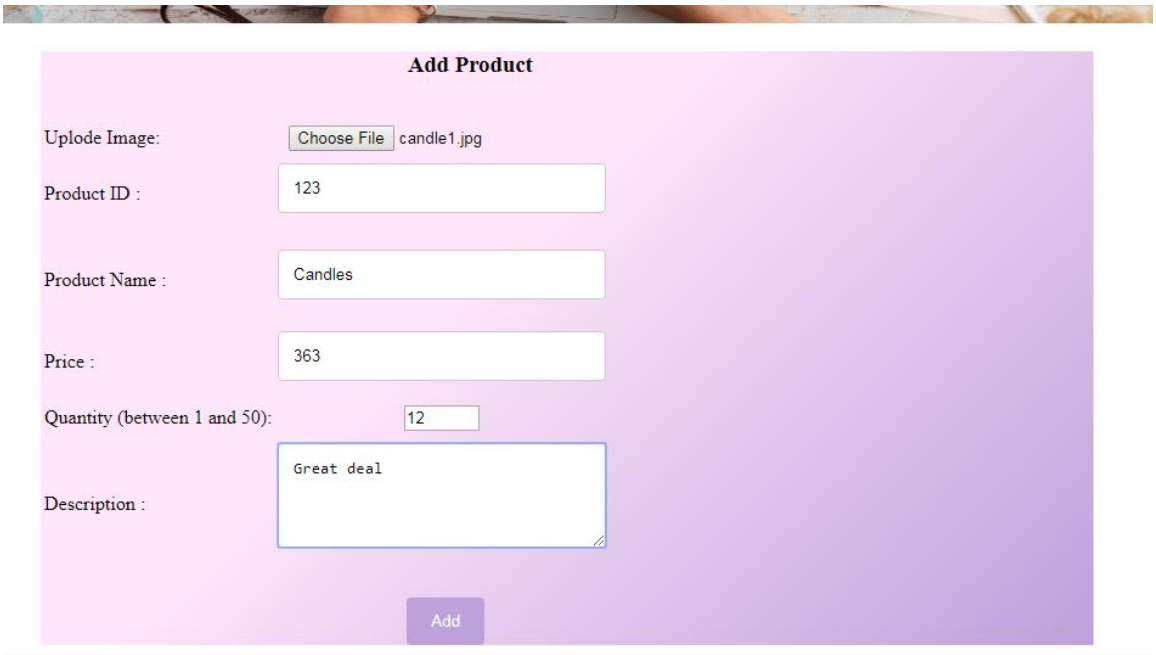


Figure 25 add new product

ADD product page when admin clicks Add and there is no error in data a conformation message will be displayed.

Figure 26 product is added

Search for a product to modify or delete

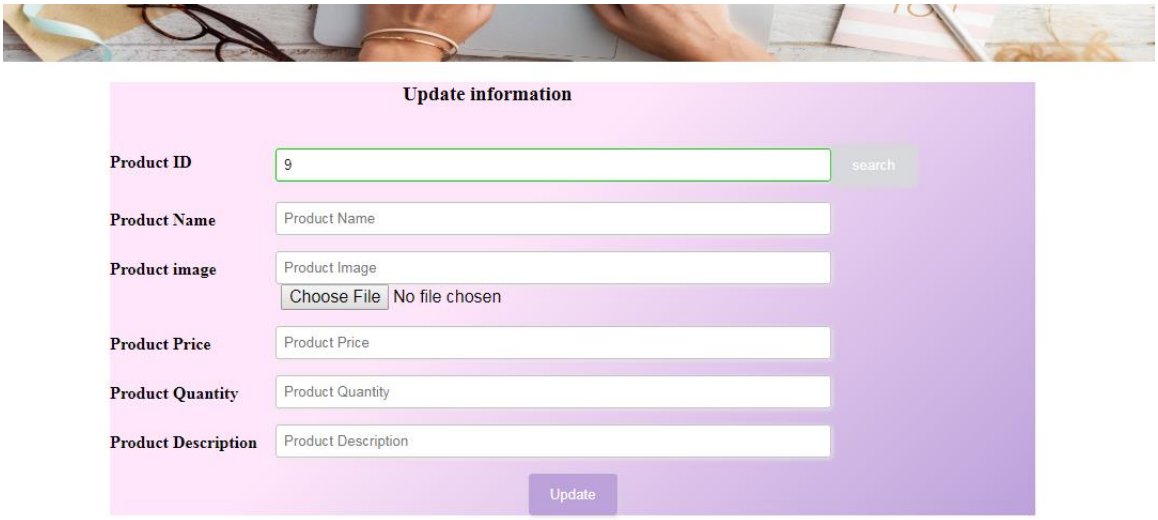


Figure 27 search for product

the admin insert product id first then clicks search button to fetch the data from database.

Update page.

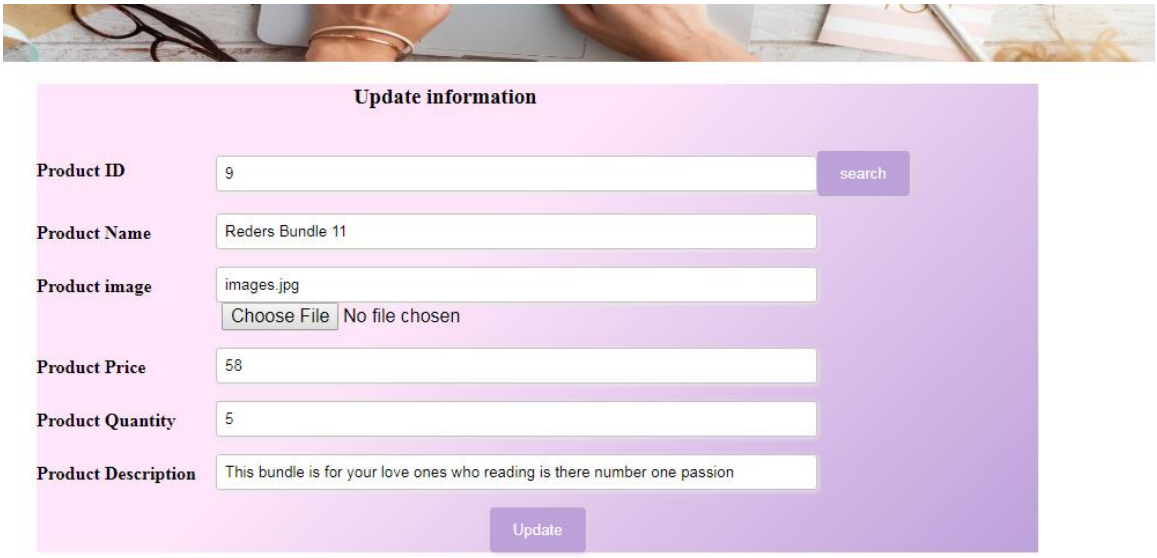


Figure 28 update product

if admin want to update any field he/she can simply clicks on any field and change its content when Update is clicked and there are no errors a confirmation message will be displayed.

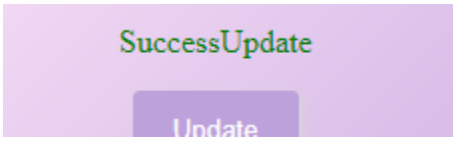


Figure 29 product is updated

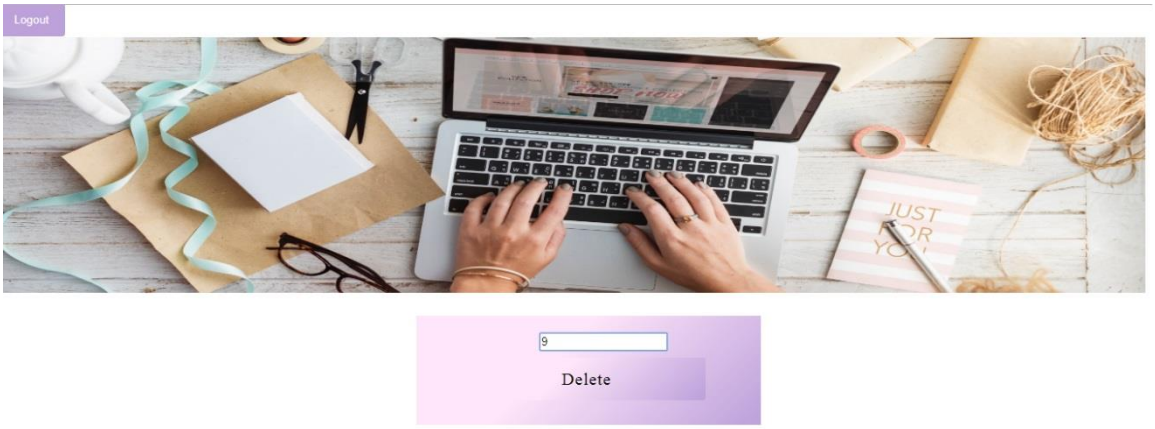


Figure 30 delete page

Delete Page

Admin can search for the product id then delete it if there is no error confirmation message will appear.

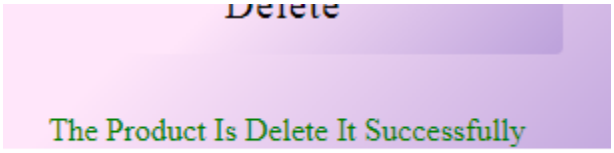


Figure 31 product is deleted

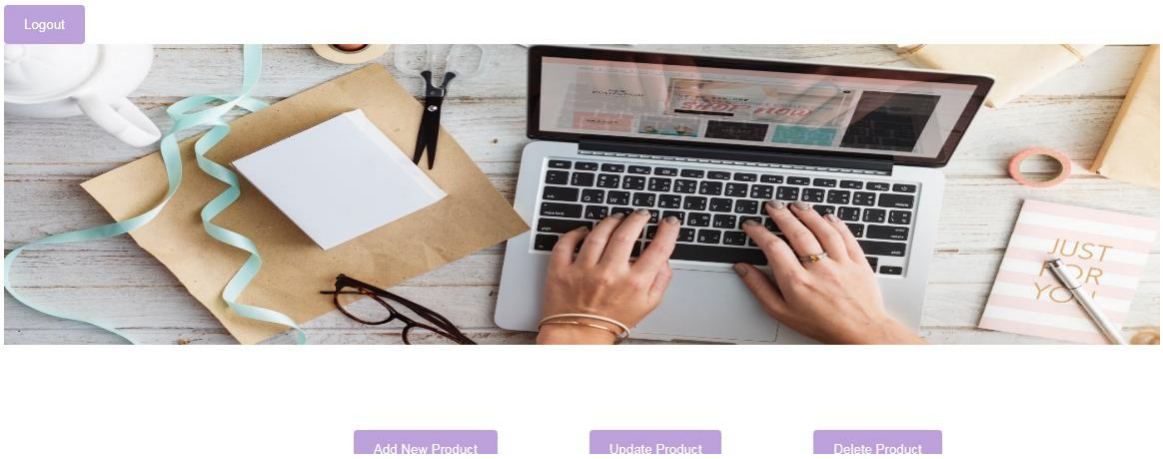


Figure 32 log out page

A logout button is provided in every page the admin access it .and it will direct the admin to the home page.

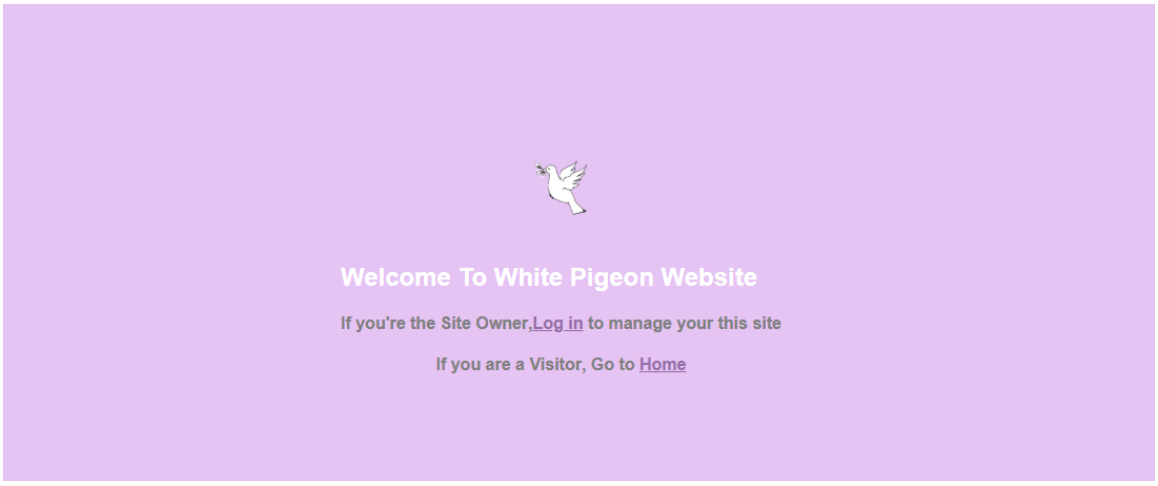


Figure 33 logged out

Display address and location map

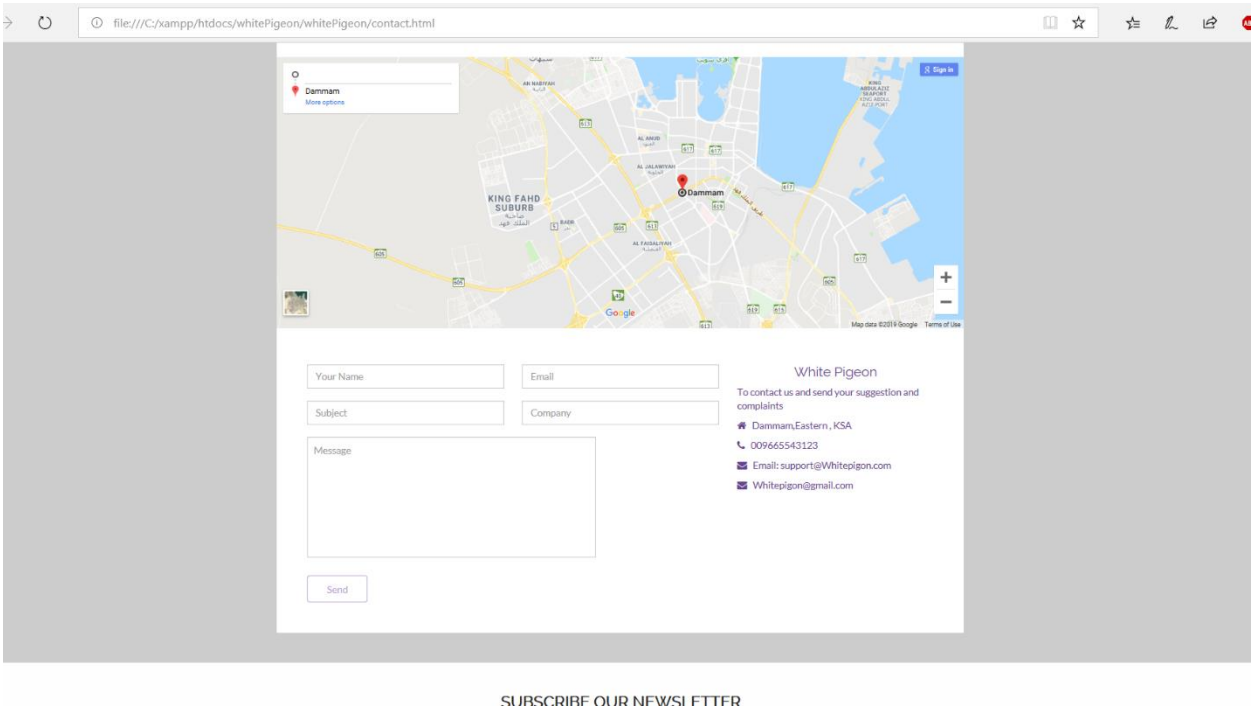


Figure 34 location display

Forms validation

An error would show if the user enters the wrong input

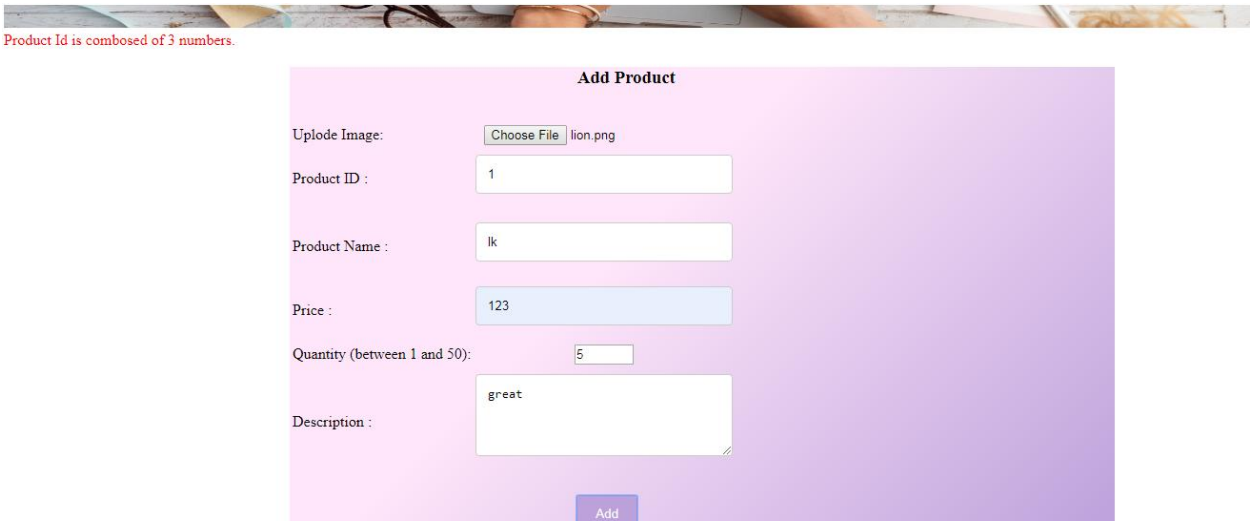


Figure 35 form validation

Help window

A pop-up help window will show when the customer presses on the help button for when he/she needs help.

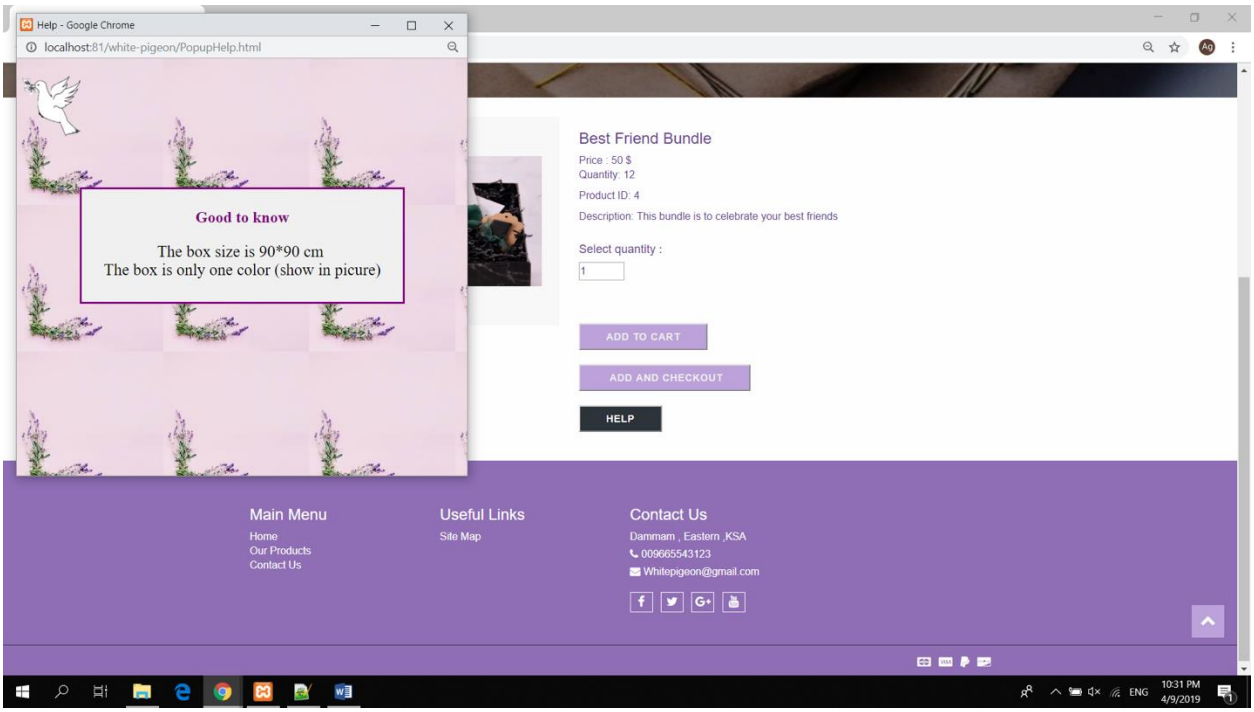


Figure 36 pop help window