

The steps are to be performed to manually test navigating the website, searching the shop, adding items to the basket, checking out as a guest user and a registered user, creating a wishlist of items, adding reviews and adding new products as an administrator. The stripe payments will also be tested using a test card for a successful transaction and a test card for an unsuccessful transaction.

<b>Step</b>	<b>Test</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>
01	Open web application in either development (codeanywhere ensure port is set to public) or production (heroku)	index is rendered	PASS – see figure 1
02	In the navbar click on the 'Shop' dropdown menu	Dropdown menu showing links for 'Accessories', 'Charcoal', 'Rubs & Spices', 'Smoking Wood' and 'All Items' is shown.	PASS – see figure 2
03	In the navbar 'Shop' dropdown menu click on 'Accessories'	shop is rendered showing only products with the category accessories	PASS – see figure 3
04	In the navbar 'Shop' dropdown menu click on 'Charcoal'	shop is rendered showing only products with the category charcoal	PASS – see figure 4
05	In the navbar 'Shop' dropdown menu click on 'Rubs & Spices'	shop is rendered showing only products with the category rubs_spices	PASS – see figure 5
06	In the navbar 'Shop' dropdown menu click on 'Smoking Wood'	shop is rendered showing only products with the category smoking_wood	PASS – see figure 6
07	In the navbar 'Shop' dropdown menu click on 'All Items'	shop is rendered showing all products	PASS – see figure 7
08	In the navbar click on the BBQ Time logo	index is rendered	PASS – see figure 8
09	In the navbar click on the 'Account' dropdown menu	Dropdown menu showing links for 'Sign Up' and 'Login' is shown.	PASS – see figure 9
10	In the navbar 'Account' dropdown menu click on 'Sign Up'	accounts/signup is rendered	PASS – see figure 10

11	In the navbar 'Shop' dropdown menu click on 'Login'	accounts/login is rendered	PASS – see figure 11
12	In the navbar search input box enter the word 'wing' and click 'Search'	Two products will be displayed – Buffalo Soldier Wing Rub and Iron BBQ Rub. This is due to them having the word 'wing' either in the product name or the description.	PASS – see figure 12
13	In the navbar click on the basket icon.	basket will be rendered. As there are no products in the basket a message saying 'Your basket is empty' will be displayed with a button 'KEEP SHOPPING'	PASS – see figure 13
14	Click on the button 'KEEP SHOPPING'	shop is rendered showing all products	PASS – see figure 14
15	In the navbar click on the BBQ Time logo	index is rendered	PASS
16	Click on the button 'Shop now!'	shop is rendered showing all products	PASS – see figure 15
17	On the product 'Blues Hog Wood Chunks Apple' click 'Add to Basket'	As the shop page was the current page it will be redirected to this page again. The number under the basket has changed from '0' to '1'.	PASS – see figure 16
18	In the navbar 'Shop' dropdown menu click on 'Rubs & Spices'	shop is rendered showing only products with the category rubs_spices	PASS
19	On the product 'Buffalo Soldier Wing Rub' click 'Add to Basket'	As the shop page showing the rubs & spices category was the current page it will be redirected to this page again. The number under the basket has changed from '1' to '2'.	PASS – see figure 17

20	On the product 'Dirty Cow Beef BBQ Rub' click the image.	Product_detail is rendered for the product selected. The reviews sections asks for a login to be able to submit a review and there are no reviews for the product.	PASS – see figures 18-19
21	Change the quantity to 3 and click 'Add to Basket'	The number under the basket has changed from '2' to '5'.	PASS – see figure 20
22	In the navbar click on the basket icon.	basket will be rendered. The products 'Blues Hog Wood Chunks Apple', 'Buffalo Soldier Wing Rub' and 'Dirty Cow Beef BBQ Rub' are shown.	PASS – see figures 21-22
23	In the basket, on the product 'Blues Hog Wood Chunks Apple' change the quantity to 2 and click 'Update'.	The subtotal for that item should double and the basket total and grand total should also increase by the same amount. The delivery will now be £0.00 as the basket total has exceeded £50.00.	PASS – see figures 23-24
24	In the basket, on the product 'Blues Hog Wood Chunks Apple' change the quantity to 0 and click 'Update'.	The product 'Blues Hog Wood Chunks Apple' will be removed from the basket and the total and grand total adjusted accordingly.	PASS – see figures 25-26
25	In the basket, on the product 'Buffalo Soldier Wing Rub' click 'Delete'.	The product 'Buffalo Soldier Wing Rub' will be removed from the basket and the total and grand total adjusted accordingly.	PASS – see figure 27
26	In the basket click 'SECURE CHECKOUT'.	checkout will be rendered. The order summary showing the products in the basket will be shown.	PASS – see figures 28-29

27	Fill out the form using the stripe failed payment card number – 4000000000009995. Click 'Complete Order'	checkout will be rendered. Under the card detail the message 'Your card has insufficient funds.' is displayed.	PASS – see figure 30
28	Fill out the form using the stripe successful payment card number – 4242424242424242. Click 'Complete Order'	Checkout/checkout_success will be rendered. The order information will be displayed.	PASS – see figure 31
29	Go to the stripe developers dashboard and look at the webhook activity.	The following successfully received webhooks should be listed: <code>payment_intent.created</code> <code>charge.failed</code> <code>payment_intent.payment_failed</code> <code>charge.succeeded</code> <code>payment_intent.succeeded</code>	PASS – see figure 32 Successfully received webhooks: <code>payment_intent.created @ 19:07:29</code> <code>charge.failed @ 19:08:37</code> <code>payment_intent.payment_failed @ 19:08:37</code> <code>charge.succeeded @ 19:08:59</code> <code>payment_intent.succeeded @ 19:08:59</code>
30	Back on the BBQ Time website, in the navbar 'Account' dropdown menu click on 'Sign Up'	accounts/signup is rendered	PASS
31	Fill out the form with the required information and click 'Sign Up'	index is rendered	PASS
32	In the navbar click on the 'Account' dropdown menu	Dropdown menu showing links for 'My Profile', 'Wishlist' and 'Logout' is shown.	PASS – see figure 33
33	In the navbar 'Account' dropdown menu click on 'My Profile'	profile is rendered. A form for default delivery information is rendered. No information is present as it has not been added.	PASS – see figure 34
34	Add default delivery information, making sure that the country selected is United Kingdom and click 'Update Information'	profile is rendered. A form for default delivery information is rendered. The information	PASS – see figure 35

		entered in the previous step is present.	
35	Navigate to the shop, add a product to the basket, go to the basket and click 'SECURE CHECKOUT'	checkout will be rendered. The order summary showing the product in the basket will be shown. The delivery details are all prefilled in the form.	PASS – see figure 36
36	Enter data for the empty field (full name) and change the country to United States of America. Make sure the 'Save this delivery information to my profile' is checked. Enter the stripe successful payment card number – 4242424242424242. Click 'Complete Order'	Checkout/checkout_success will be rendered. The order information will be displayed.	PASS – see figure 37
37	In the navbar 'Account' dropdown menu click on 'My Profile'	profile is rendered. A form for default delivery information is rendered. The country has changed from United Kingdom to United States of America. Order history is present of the order placed in step 36.	PASS – see figure 38
38	In the navbar 'Account' dropdown menu click on 'Wishlist'	Profile/wishlist is rendered. A message is displayed 'Your wishlist is empty.'	PASS – see figure 39
39	Navigate to the shop (all items), on the product 'Blues Hog Cherry Chunks' click the star icon.	As the shop page was the current page it will be redirected to this page again.	PASS – see figure 40
40	In the navbar 'Account' dropdown menu click on 'Wishlist'	Profile/wishlist is rendered. 'Blues Hog Cherry Chunks' will be listed.	PASS – see figure 41
41	Click 'Remove'	Profile/wishlist is rendered. A message is displayed 'Your wishlist is empty.'	PASS – see figure 42

42	Navigate to the shop (all items), on the product 'Blues Hog Cherry Chunks' click the image to display the product detail.	Product_detail is rendered for the product selected.	PASS
43	Click the star icon	As the product_detail page for 'Blues Hog Cherry Chunks' was the current page it will be redirected to this page again.	PASS – see figure 43
44	In the navbar 'Account' dropdown menu click on 'Wishlist'	profile/wishlist is rendered. 'Blues Hog Cherry Chunks' will be listed.	PASS – see figure 44
45	Navigate to the shop (all items), on the product 'Dirty Cow Beef BBQ Rub' click the image to display the product detail.	Product_detail is rendered for the product selected. In the reviews section a form is available to fill out. There are no reviews for this product.	PASS – see figures 45-46
46	Fill out the review form with the relevant information and click 'Submit Review'	Product_detail is rendered for the product selected. In the reviews section a form is available to fill out. There is a review with the information entered. The username and date is present on the review.	PASS – see figure 47
47	In the navbar 'Account' dropdown menu click on 'Logout'	accounts/logout is rendered. The message 'Are you sure you want to logout?' is displayed.	PASS
48	Click 'Logout'	index is rendered. Only 'Signup' and 'Login' are available in the 'Account' drop down menu.	PASS – see figure 48
49	In the navbar 'Account' dropdown menu click on 'Login'	accounts/login is rendered	PASS

50	Login as the administrator (the superuser account created in Django).	index is rendered. 'Product Management', 'My Profile', 'Wishlist' and 'Logout' are available in the 'Account' dropdown menu.	PASS – see figure 49
51	In the navbar 'Account' dropdown menu click on 'Wishlist'	profile/wishlist is rendered. A message is displayed 'Your wishlist is empty.'	PASS – see figure 50
52	In the navbar 'Account' dropdown menu click on 'Product Management'	shop/add is rendered.	PASS – see figures 51-52
53	Click 'Cancel'	Shop is rendered.	PASS
54	In the navbar 'Account' dropdown menu click on 'Product Management'	shop/add is rendered.	PASS
55	Enter details for a test product. Do not add an image. Click 'Add Product'	product_detail for the new product is rendered. The noimage.png image is rendered as no photo was uploaded.	PASS – see figure 53
56	Click 'Edit'	shop/edit is rendered. All fields are pre-filled with the product details.	PASS
57	Click 'Choose file' and attach a photo to the product. Click 'Update Product'	product_detail for the new product is rendered. The chosen image is rendered.	PASS – see figure 54
58	Click 'Delete'	Shop is rendered. The product is not present in the shop.	PASS – see figures 55-58
59	Navigate to the shop (all items), on the product 'Heat Proof Gloves' click the star icon.	As the shop page was the current page it will be redirected to this page again.	PASS
60	In the navbar 'Account' dropdown menu click on 'Wishlist'	Profile/wishlist is rendered. 'Heat Proof Gloves' will be listed.	PASS – see figure 59
61	In the navbar 'Account' dropdown menu click on 'Logout'	accounts/logout is rendered. The message 'Are you sure you want to logout?' is displayed.	PASS

62	Click 'Logout'	index is rendered. Only 'Signup' and 'Login' are available in the 'Account' drop down menu.	PASS – see figure 60
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# Figures

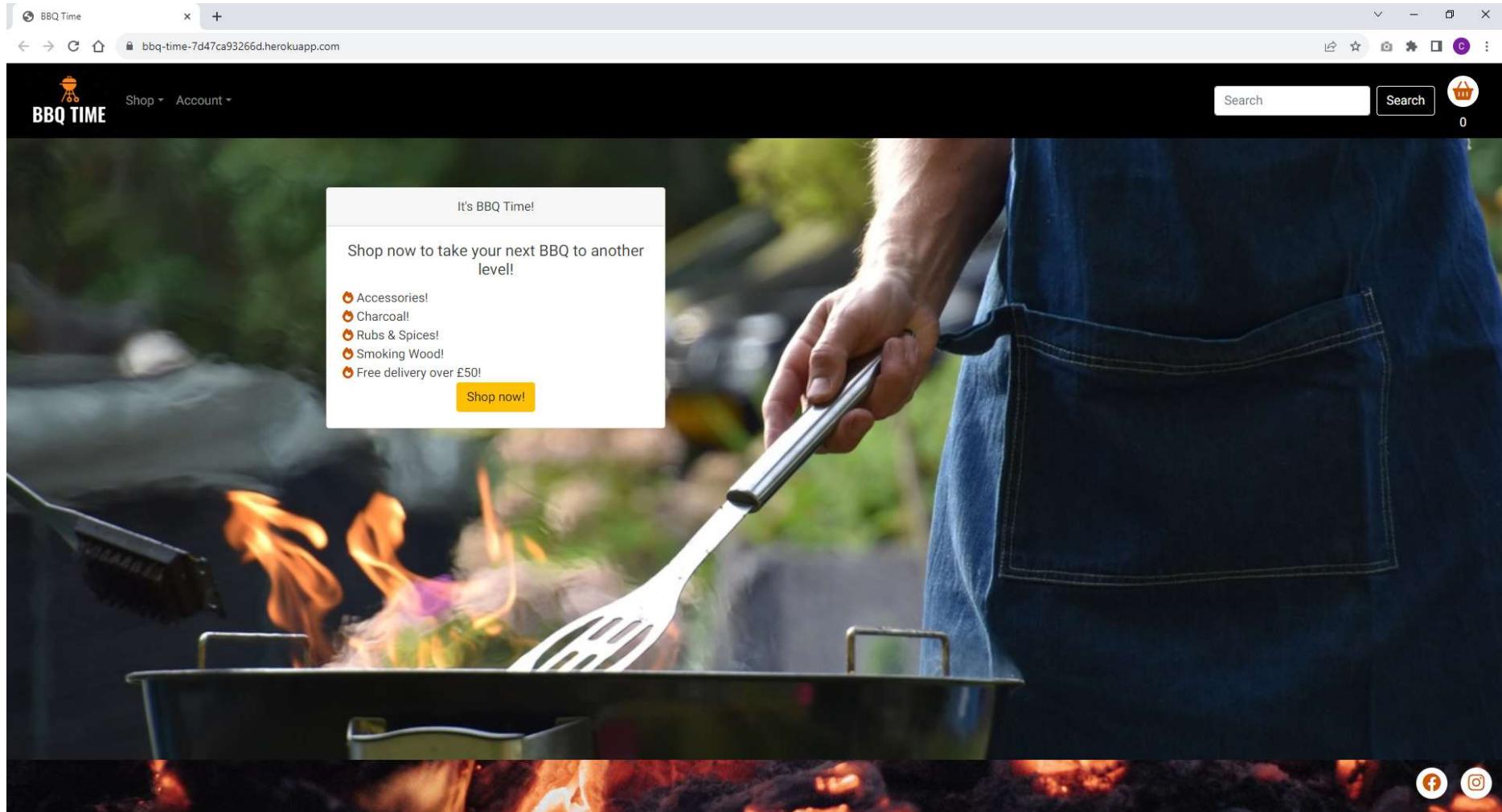


Figure 1

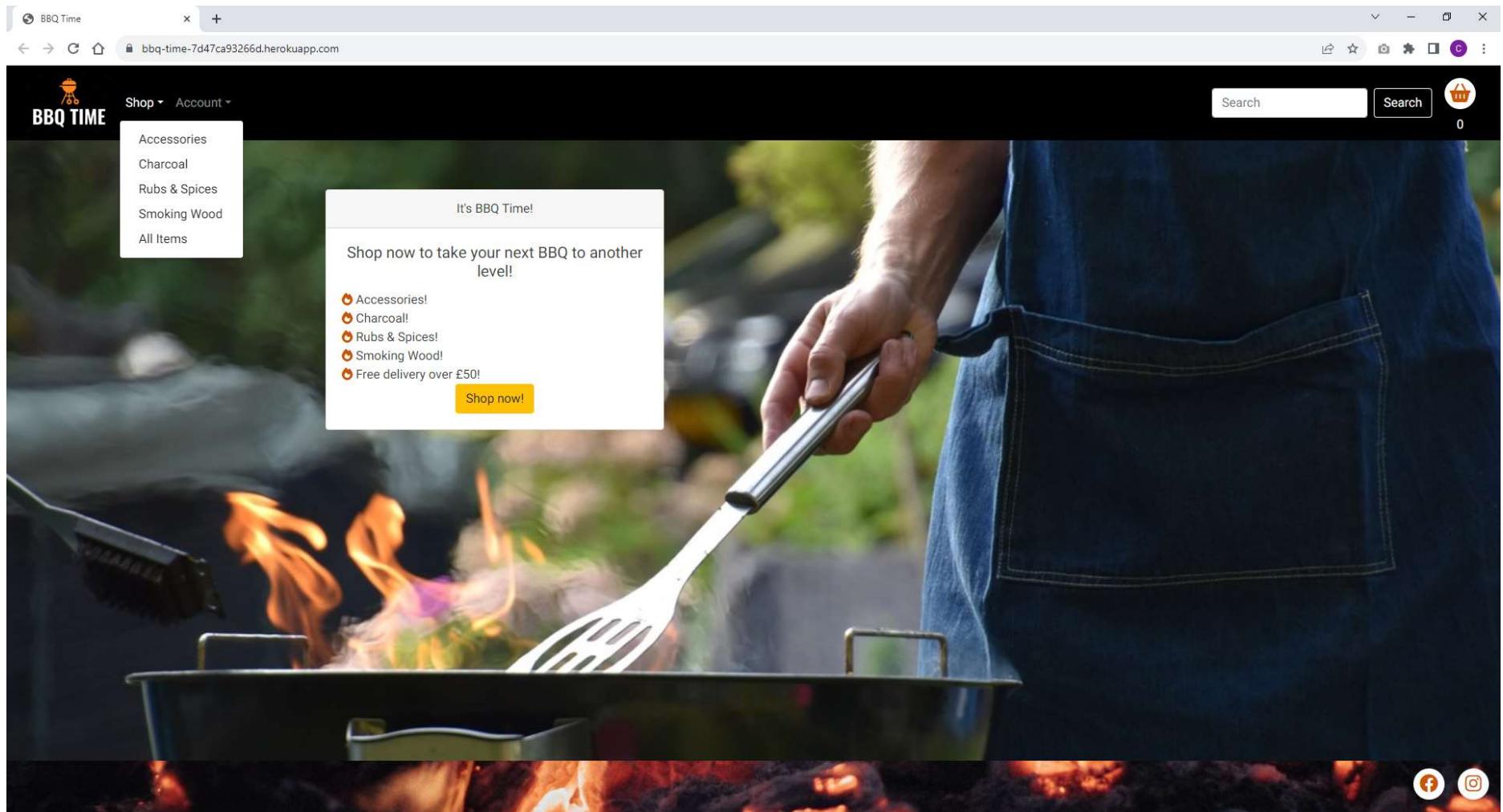


Figure 2

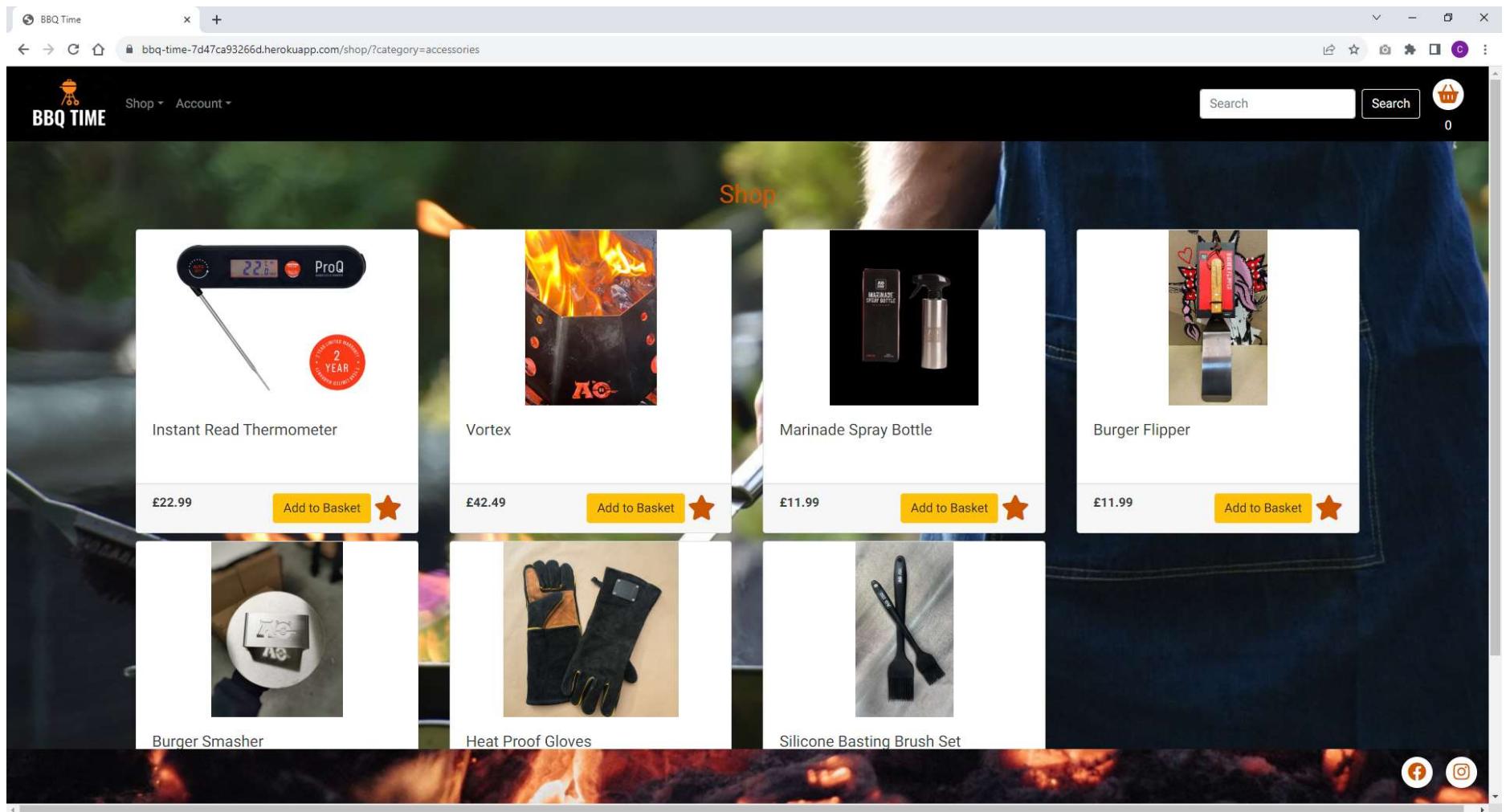


Figure 3

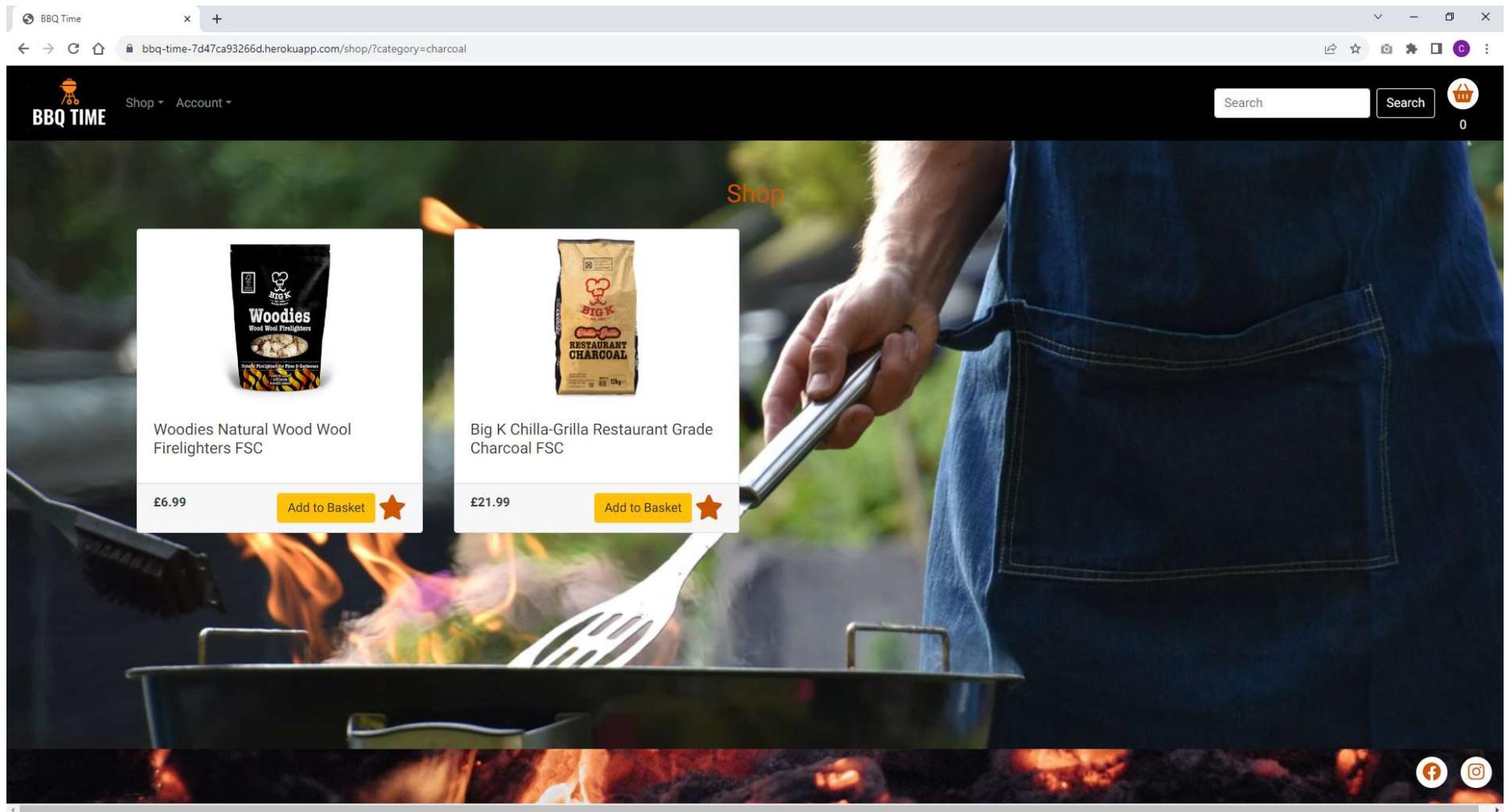


Figure 4

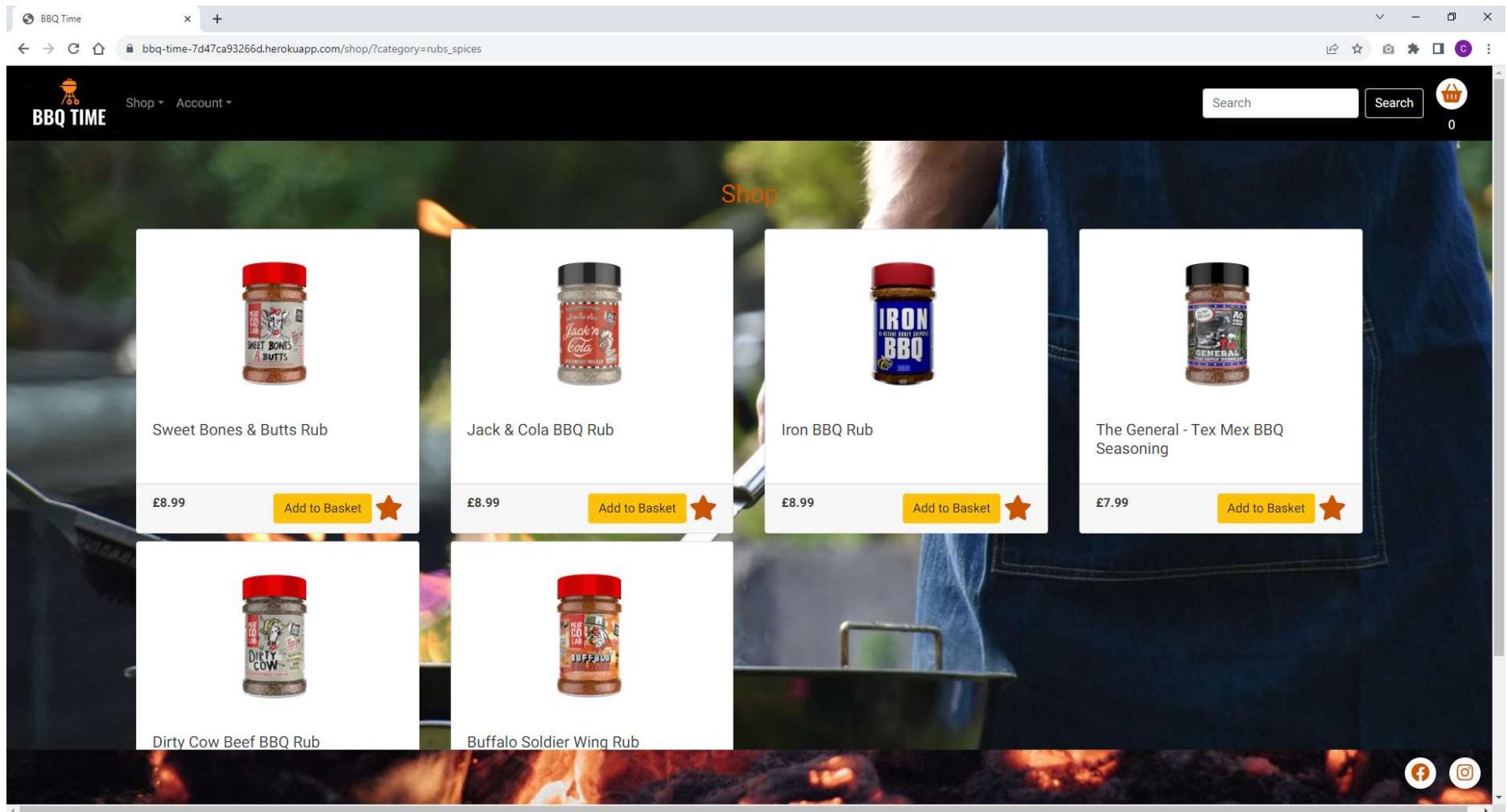


Figure 5

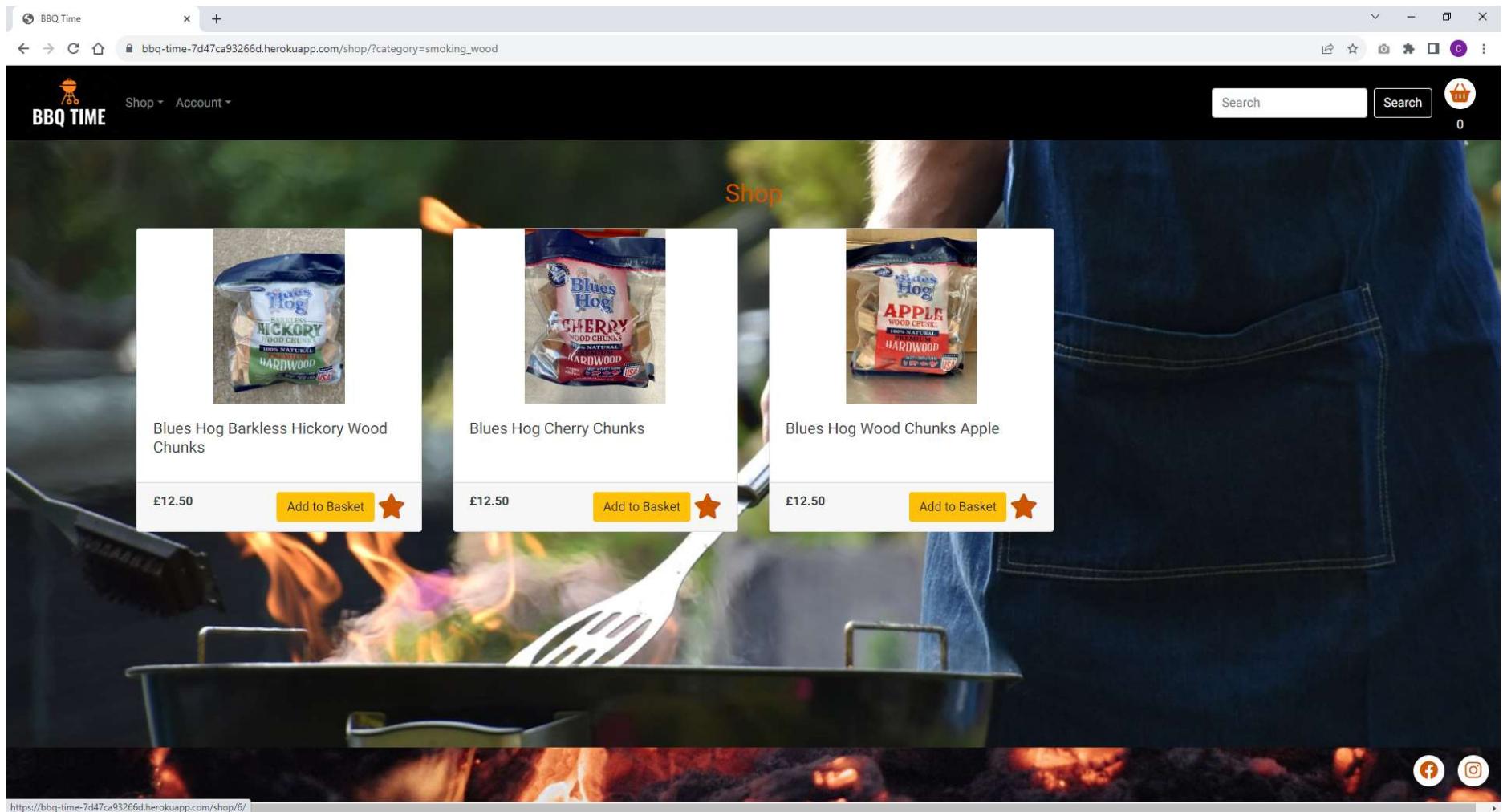


Figure 6

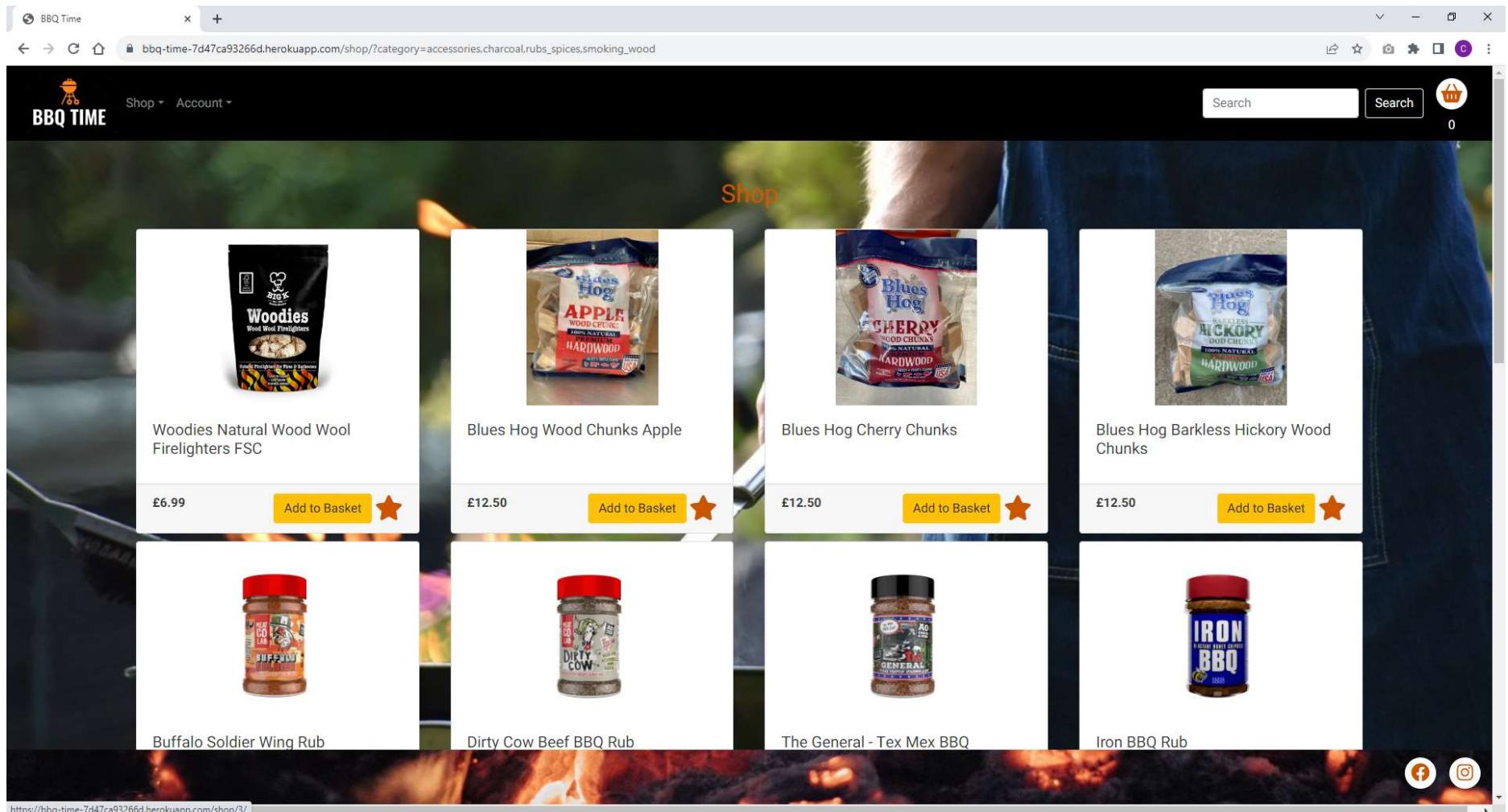


Figure 7

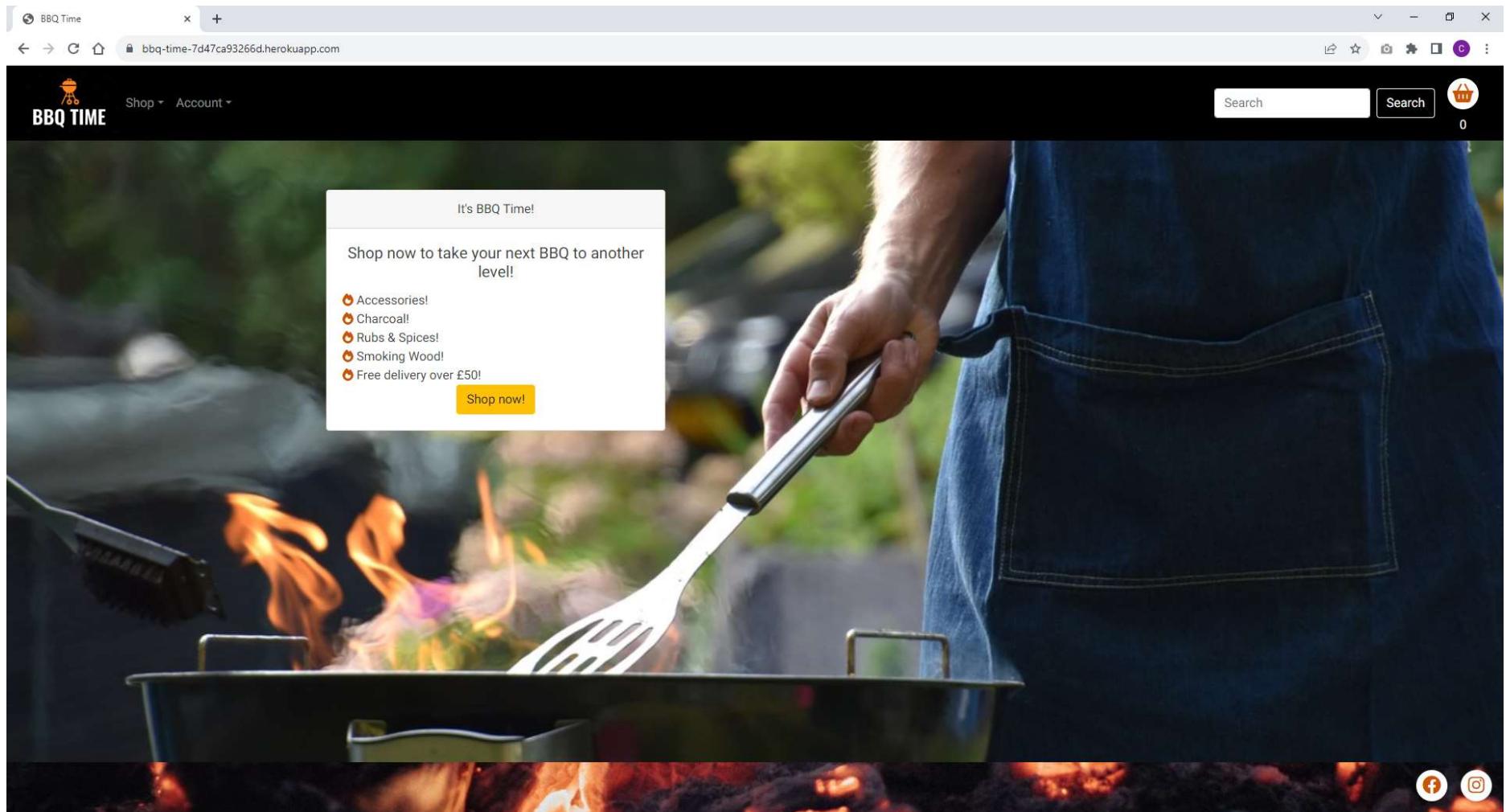


Figure 8

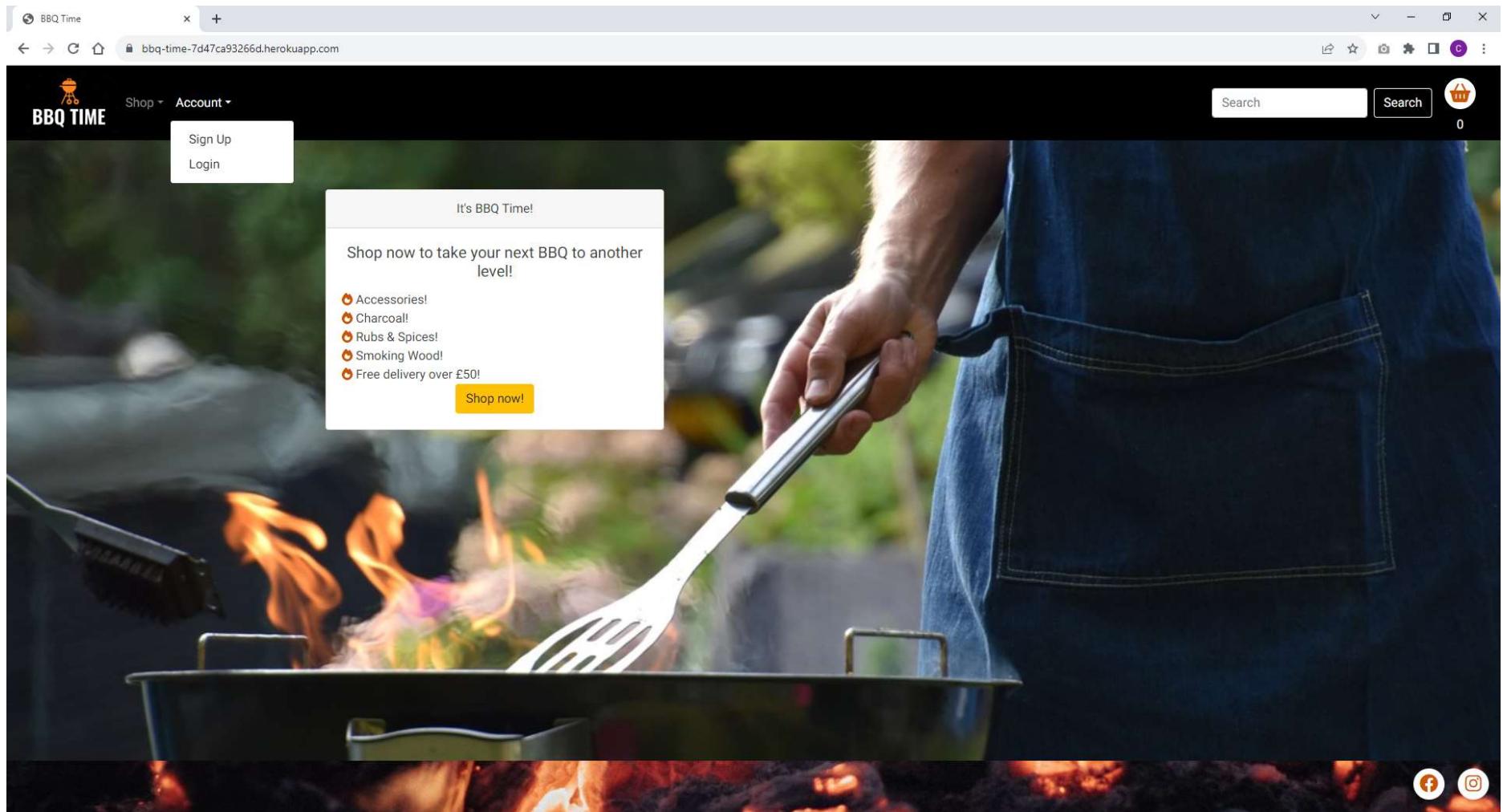


Figure 9

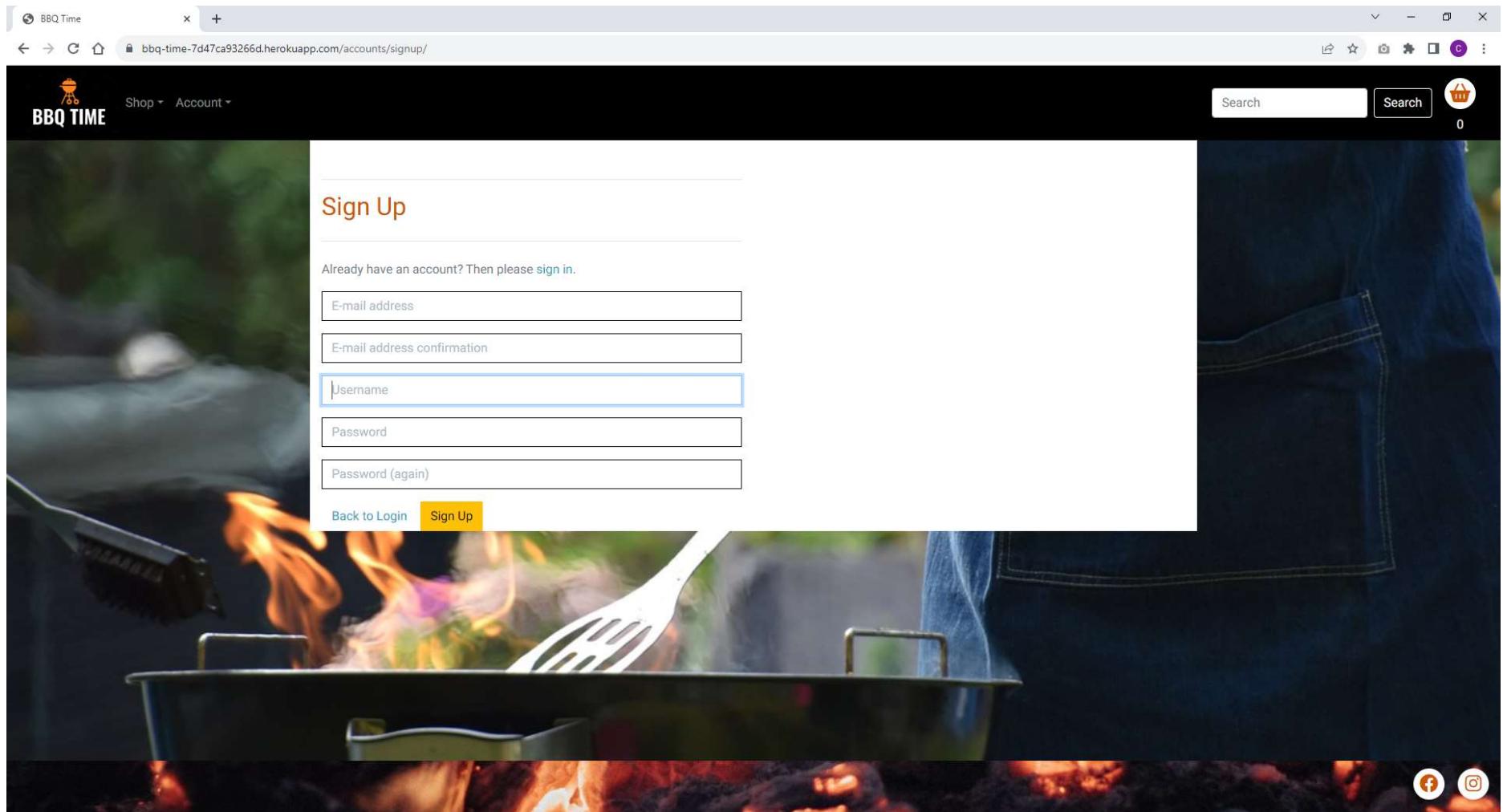


Figure 10

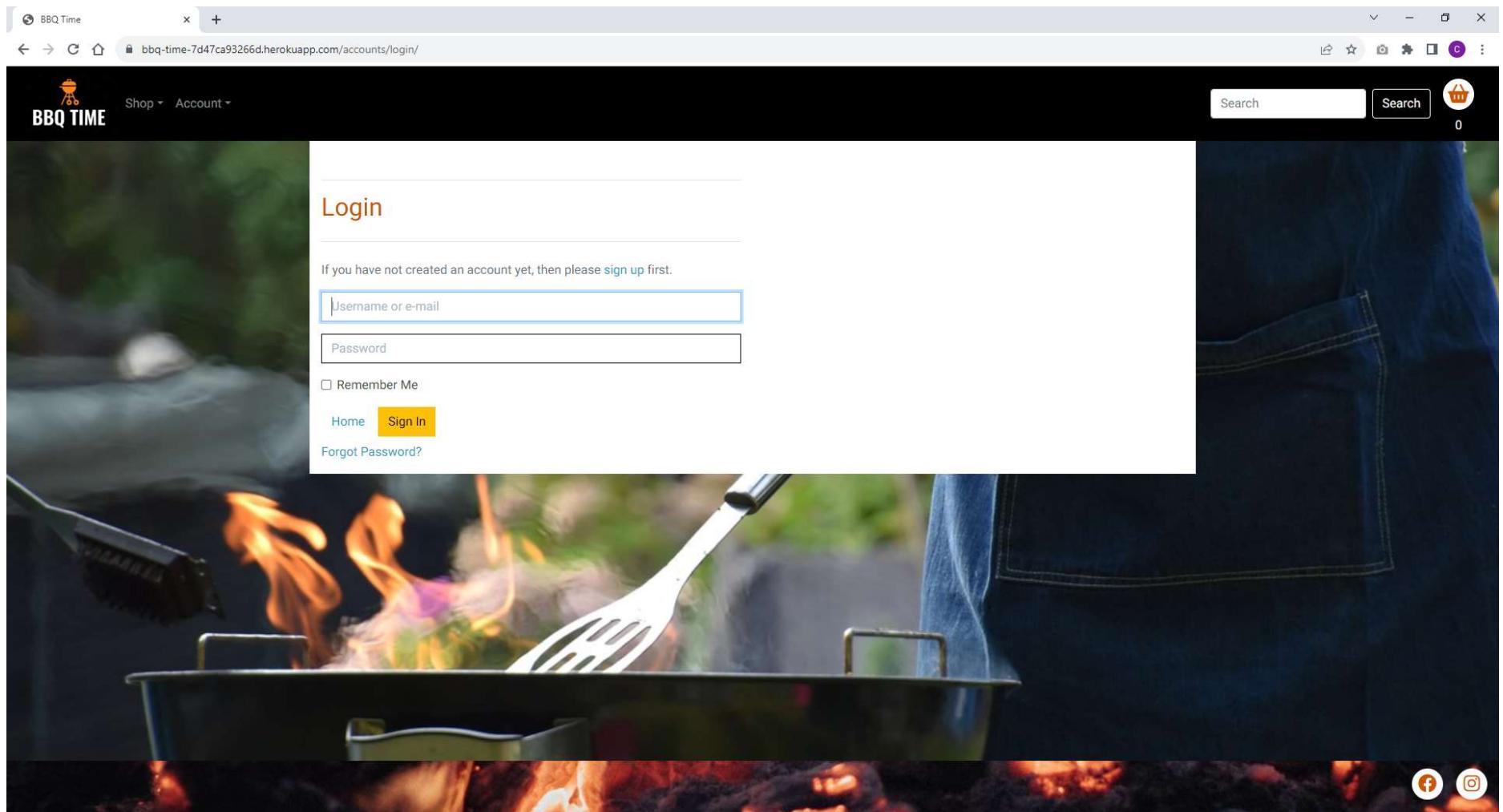


Figure 11

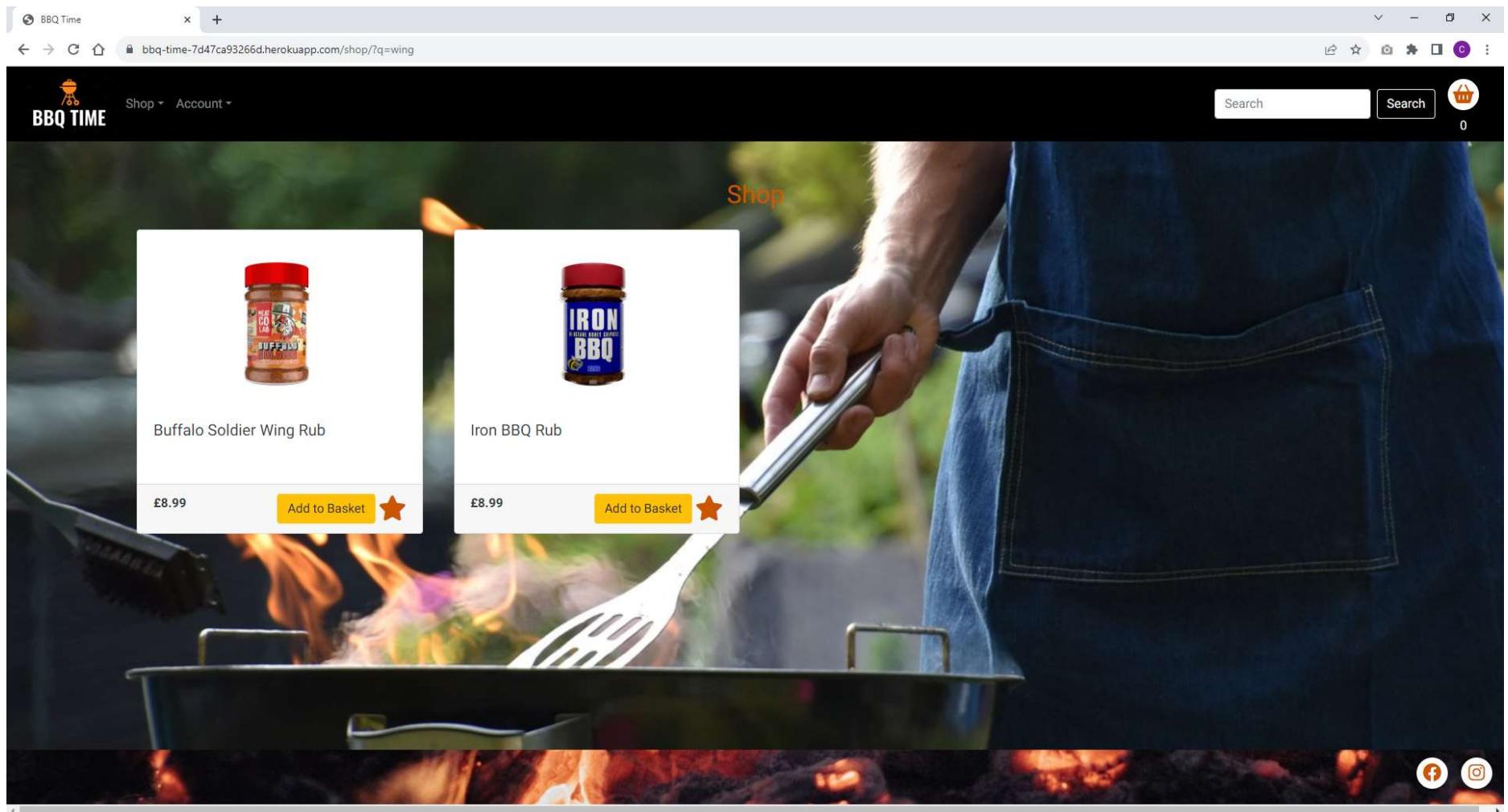


Figure 12

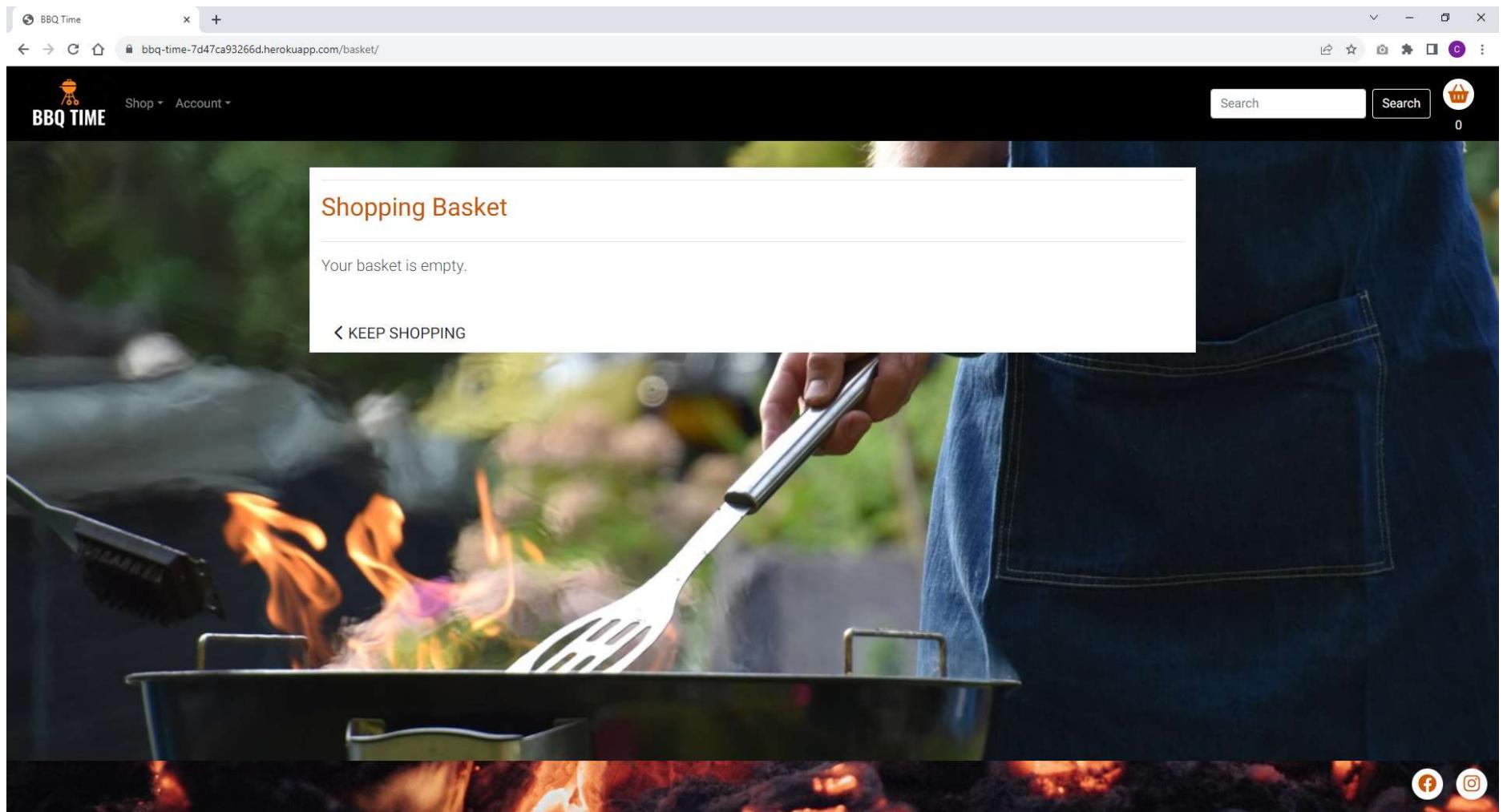


Figure 13

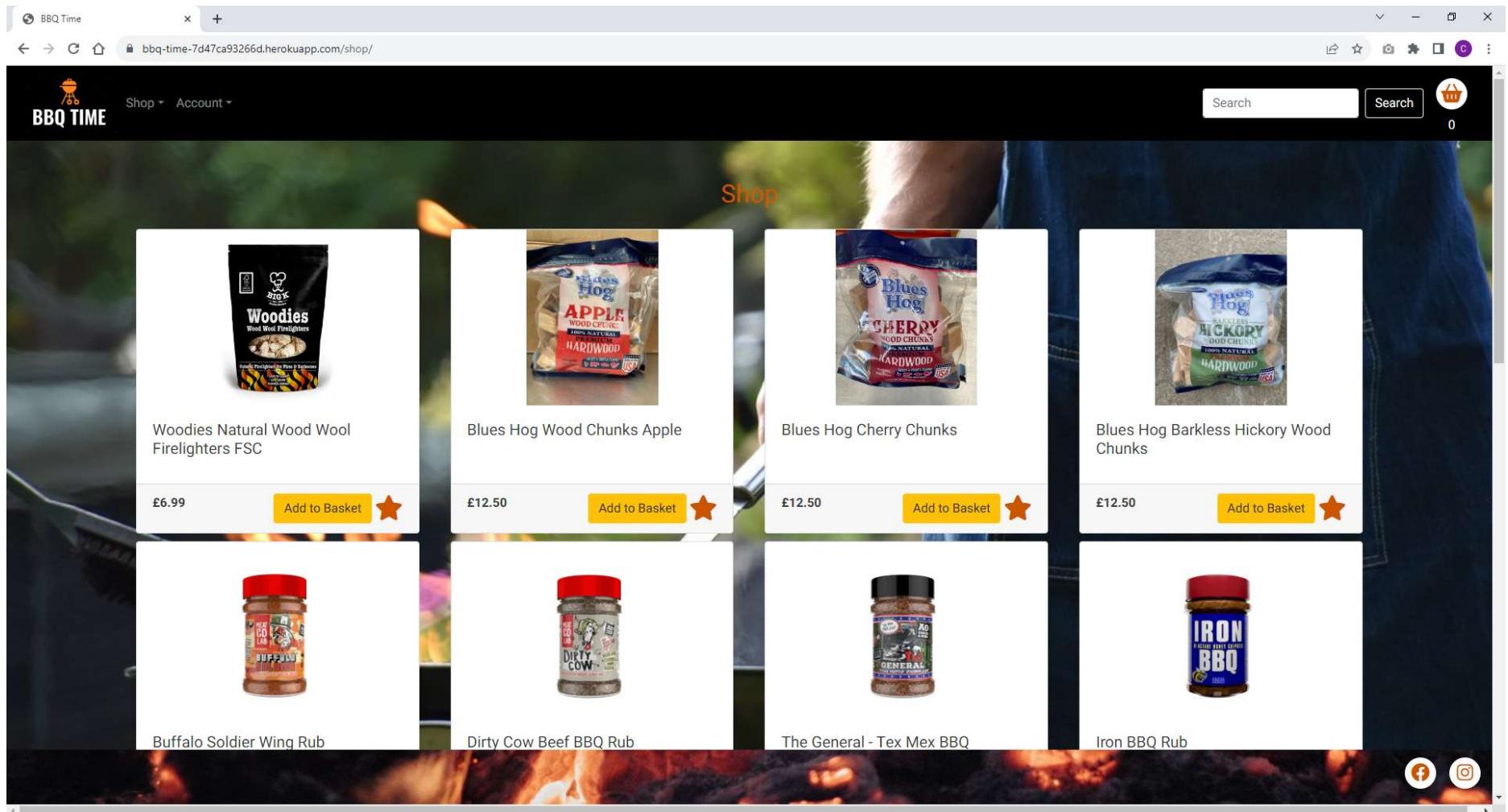


Figure 14

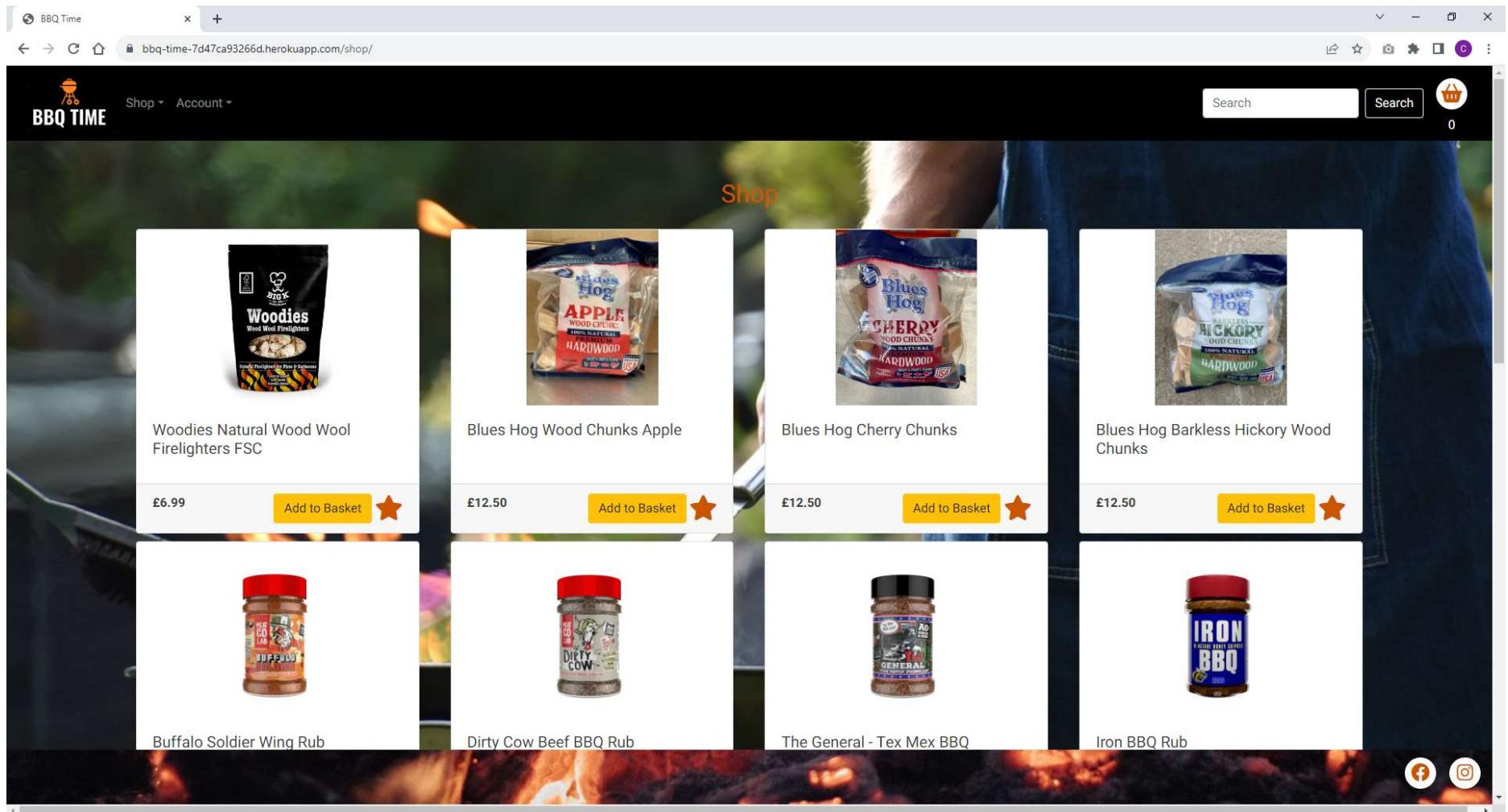


Figure 15

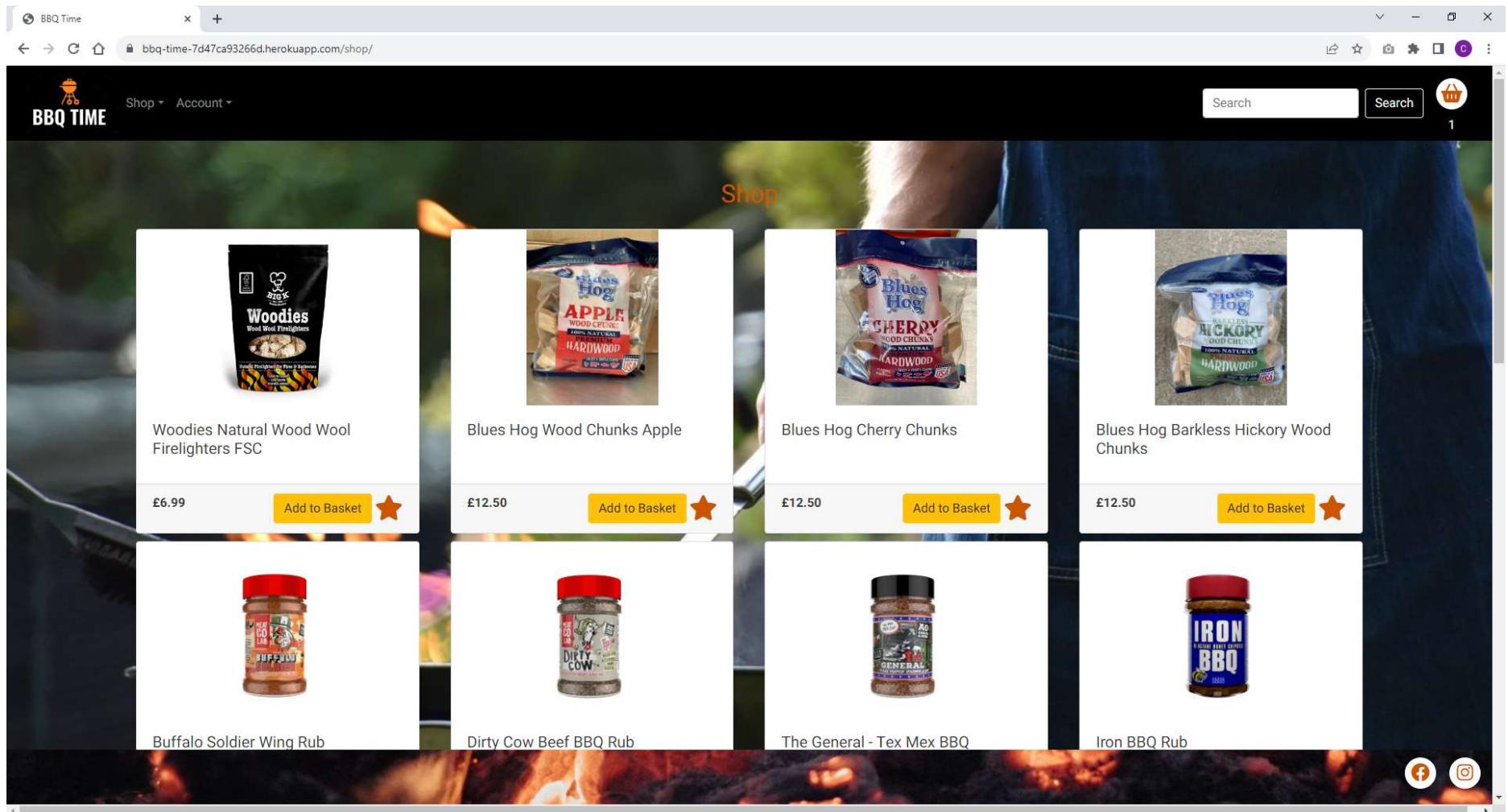


Figure 16

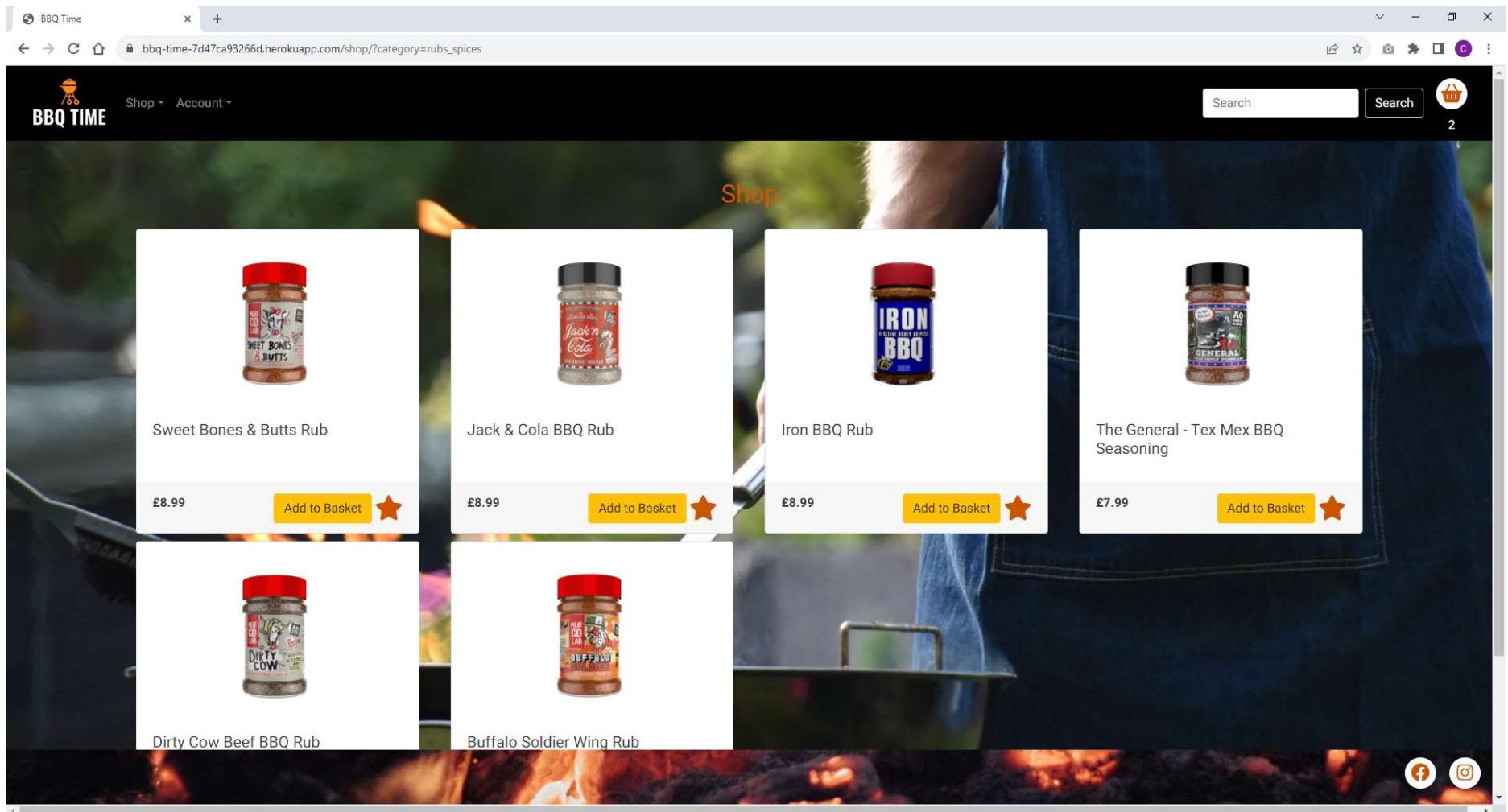


Figure 17

BBQ Time

bbq-time-7d47ca93266d.herokuapp.com/shop/8/

Shop Account

Search Search 2

BBQ TIME

Dirty Cow Beef BBQ Rub



Dirty Cow Beef BBQ Rub

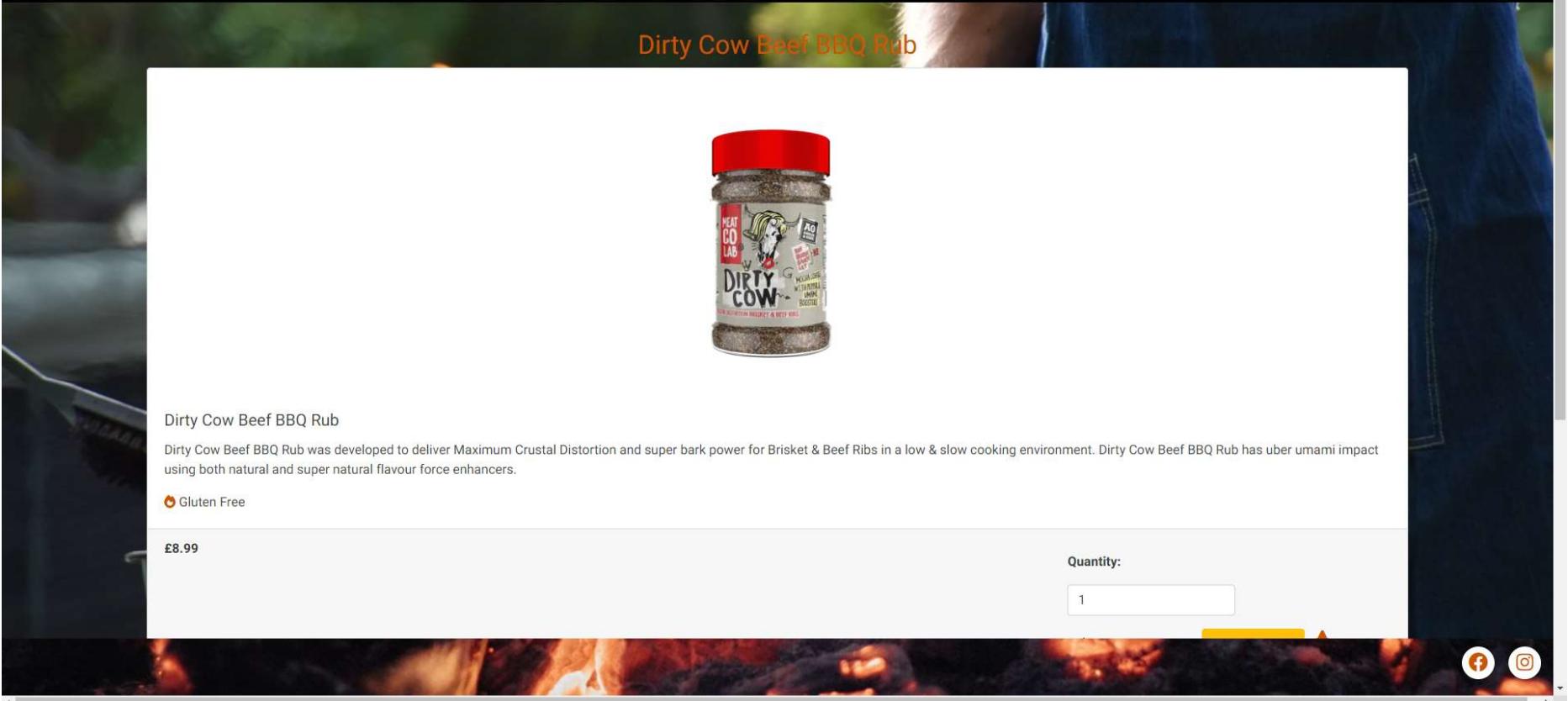
Dirty Cow Beef BBQ Rub was developed to deliver Maximum Crustal Distortion and super bark power for Brisket & Beef Ribs in a low & slow cooking environment. Dirty Cow Beef BBQ Rub has uber umami impact using both natural and super natural flavour force enhancers.

Gluten Free

£8.99

Quantity:

1



Facebook Instagram

Figure 18

The screenshot shows a product page for "Dirty Cow Beef BBQ Rub" on the BBQ Time website. The page has a black header with the BBQ TIME logo, a search bar, and a shopping cart icon showing 2 items. The main content area features a large image of a barbecue grill with flames. On the left, there's a sidebar with a photo of the product and the text: "Dirty Cow Beef BBQ Rub was developed to deliver Maximum Crustal Distortion and super bark power for Brisket & Beef Ribs in a low & slow cooking environment. Dirty Cow Beef BBQ Rub has uber umami impact using both natural and super natural flavour force enhancers." It also indicates the product is "Gluten Free" and priced at £8.99. A quantity selector shows "1". Below the product details is a "Reviews" section with a "Login" button and a message: "Please login to submit a review". Further down, it says "There are no reviews for this product" and "Be the first to submit a review!". The bottom right corner of the page features social media icons for Facebook and Instagram.

BBQ Time

Shop Account

bbq-time-7d47ca93266d.herokuapp.com/shop/8/

Search Search

2

BBQ TIME

Dirty Cow Beef BBQ Rub

Dirty Cow Beef BBQ Rub was developed to deliver Maximum Crustal Distortion and super bark power for Brisket & Beef Ribs in a low & slow cooking environment. Dirty Cow Beef BBQ Rub has uber umami impact using both natural and super natural flavour force enhancers.

Gluten Free

£8.99

Quantity:

1

KEEP SHOPPING Add to Basket

Reviews

Please login to submit a review

Login

There are no reviews for this product

Be the first to submit a review!

Figure 19

BBQ Time

bbq-time-7d47ca93266d.herokuapp.com/shop/8/

Shop Account

Search Search 5

BBQ TIME

Dirty Cow Beef BBQ Rub



Dirty Cow Beef BBQ Rub

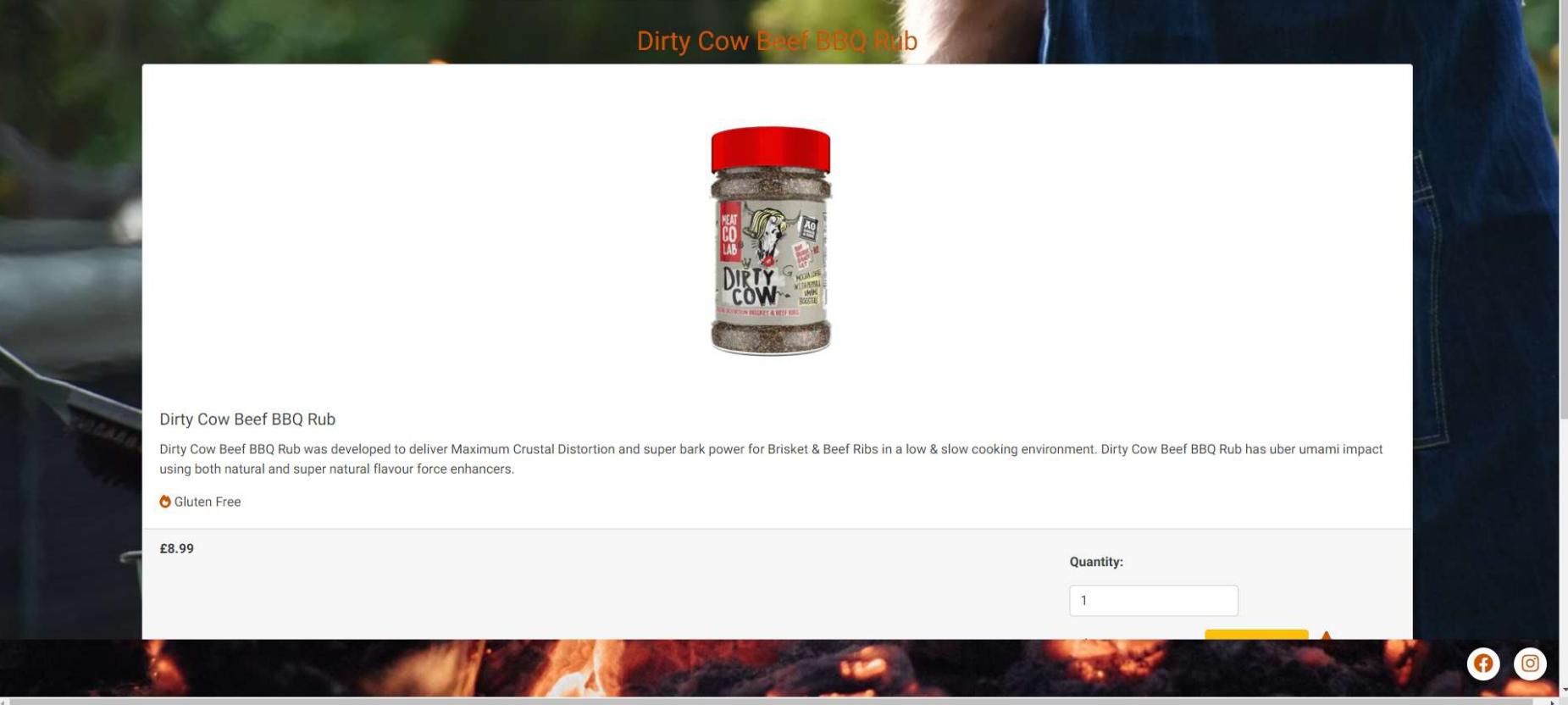
Dirty Cow Beef BBQ Rub was developed to deliver Maximum Crustal Distortion and super bark power for Brisket & Beef Ribs in a low & slow cooking environment. Dirty Cow Beef BBQ Rub has uber umami impact using both natural and super natural flavour force enhancers.

Gluten Free

£8.99

Quantity:

1



Facebook Instagram

Figure 20

BBQ Time

Shop Account

Search Search 5

## Shopping Basket

Product Info	Price	Qty	Subtotal
 Blues Hog Wood Chunks Apple	£12.50	<input type="text" value="1"/>	£12.50
		<button>Update</button>	<button>Delete</button>
 Buffalo Soldier Wing Rub	£8.99	<input type="text" value="1"/>	£8.99
		<button>Update</button>	<button>Delete</button>

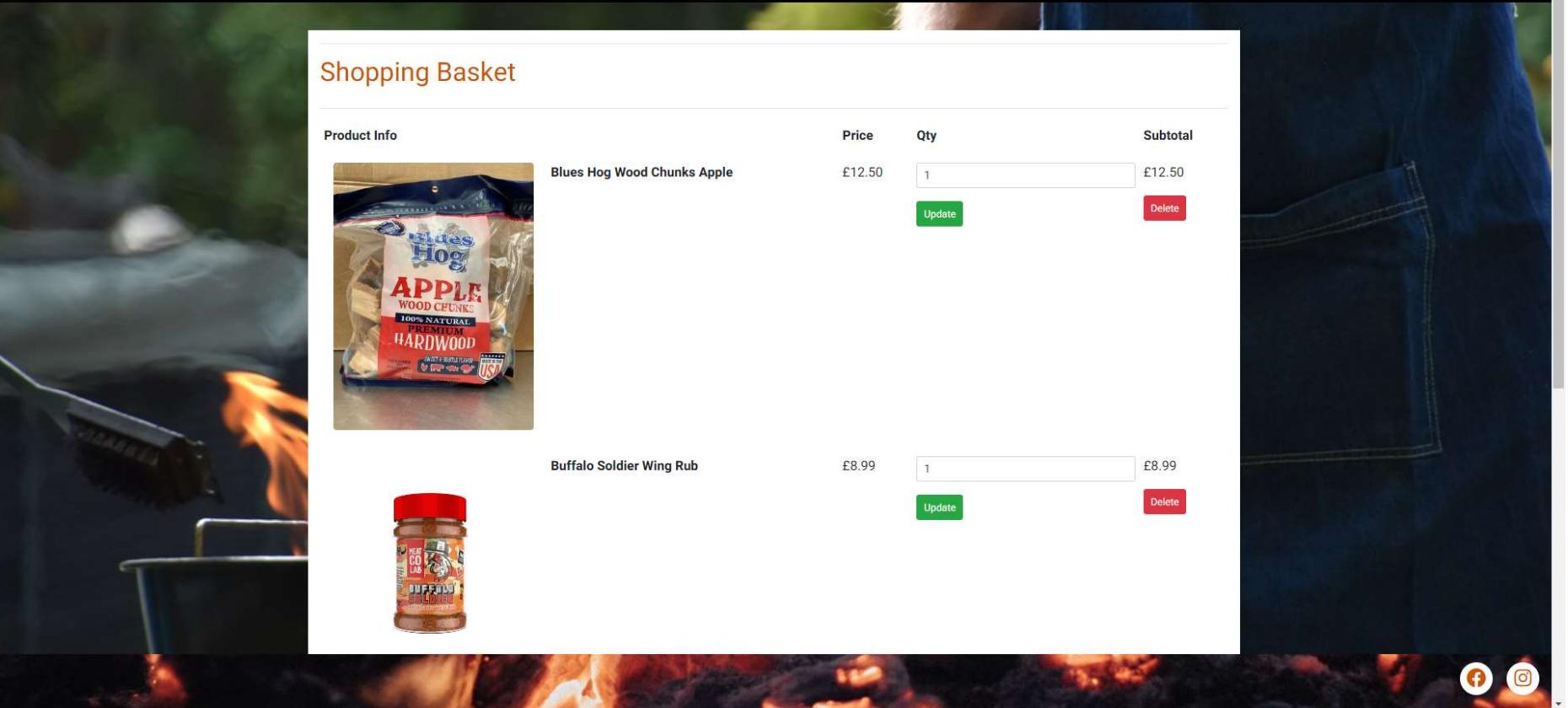




Figure 21

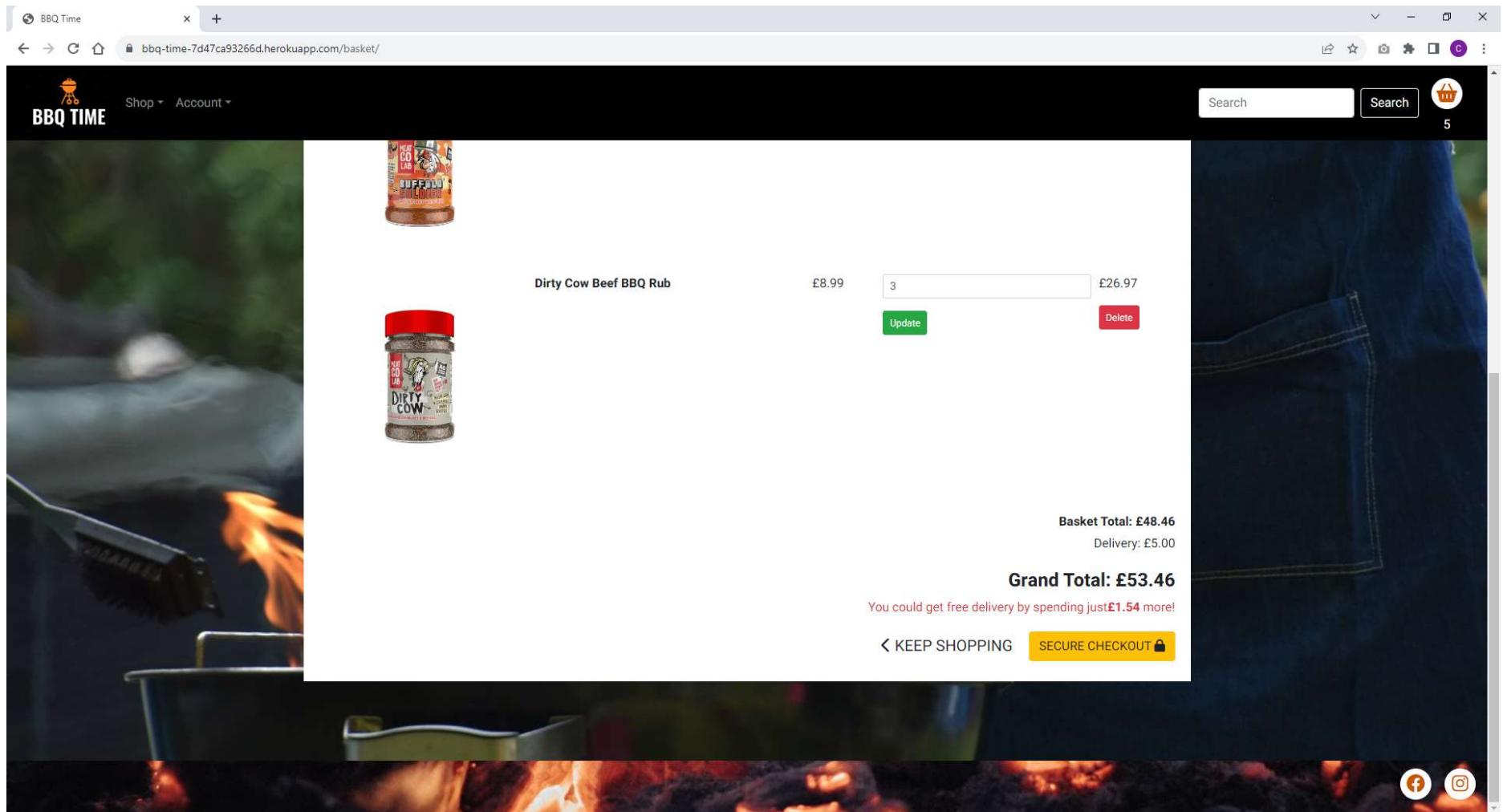


Figure 22

BBQ Time

Shop Account

Search Search 6

## Shopping Basket

Product Info	Price	Qty	Subtotal
 Blues Hog Wood Chunks Apple	£12.50	<input type="text" value="2"/>	£25.00
		<button>Update</button>	<button>Delete</button>
 Buffalo Soldier Wing Rub	£8.99	<input type="text" value="1"/>	£8.99
		<button>Update</button>	<button>Delete</button>

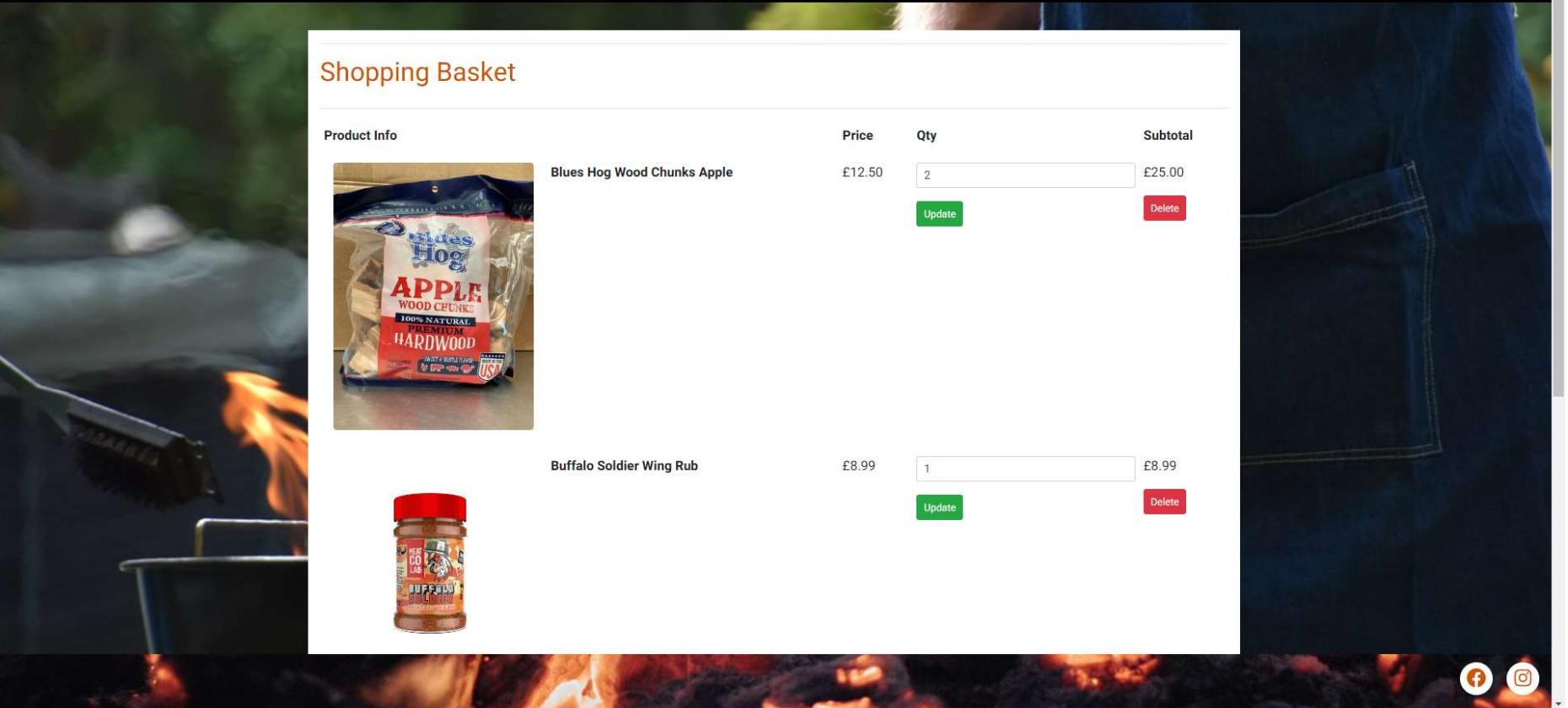




Figure 23

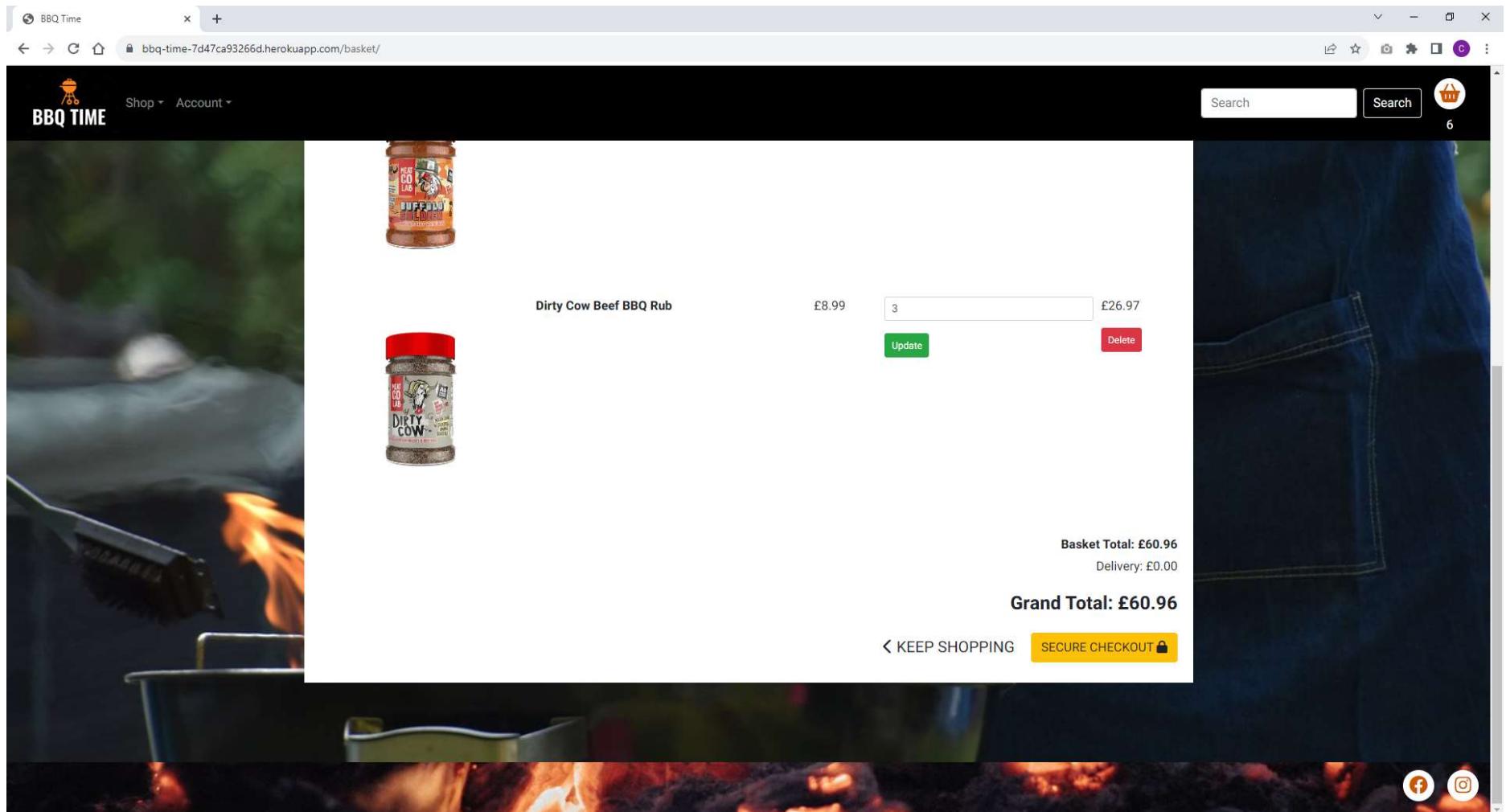


Figure 24

The screenshot shows a web browser window for the 'BBQ TIME' website. The title bar reads 'BBQ Time' and the URL is 'bbq-time-7d47ca93266d.herokuapp.com/basket/'. The page features a black header with the 'BBQ TIME' logo, a search bar, and a shopping cart icon showing '4' items. The main content area is titled 'Shopping Basket' and displays two items in a table:

Product Info	Price	Qty	Subtotal
Buffalo Soldier Wing Rub	£8.99	<input type="text" value="1"/>	£8.99
Dirty Cow Beef BBQ Rub	£8.99	<input type="text" value="3"/>	£26.97

Each row includes an 'Update' button (green) and a 'Delete' button (red). The background of the page features a large image of a barbecue grill with flames and smoke. At the bottom right, there are social media icons for Facebook and Instagram. A total basket amount of 'Basket Total: £35.96' is displayed at the bottom center.

Figure 25

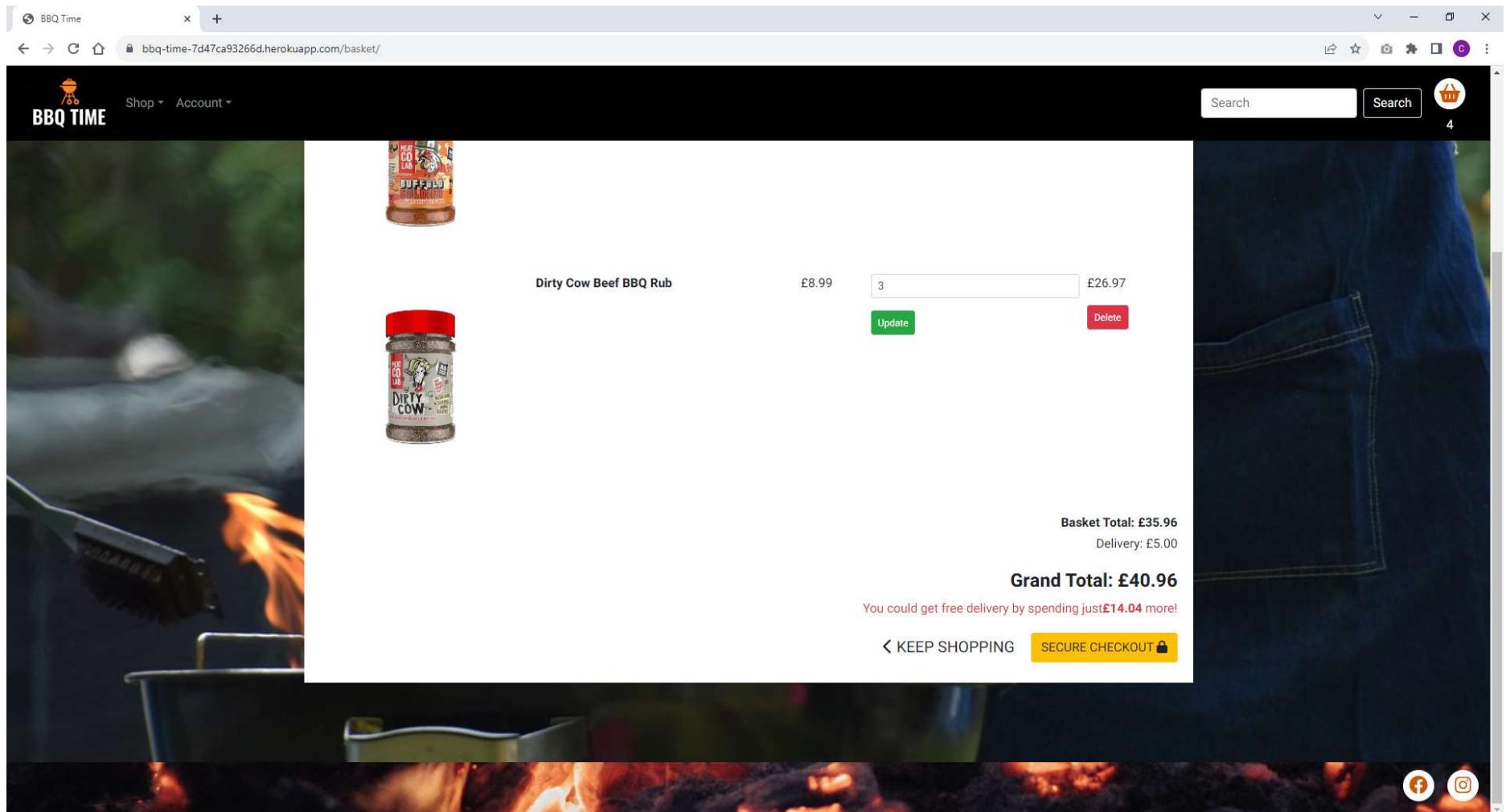


Figure 26

The screenshot shows a web browser window for the BBQ Time website. The URL is [bbq-time-7d47ca93266d.herokuapp.com/basket/](https://bbq-time-7d47ca93266d.herokuapp.com/basket/). The page title is "BBQ TIME". The main content is a "Shopping Basket" section with a product table and a summary.

**Product Info**

	Price	Qty	Subtotal
Dirty Cow Beef BBQ Rub	£8.99	<input type="text" value="3"/>	£26.97

**Basket Total: £26.97**  
Delivery: £5.00  
**Grand Total: £31.97**

You could get free delivery by spending just **£23.03** more!

[KEEP SHOPPING](#) [SECURE CHECKOUT](#)

Facebook and Instagram icons are visible at the bottom right.

Figure 27

BBQ TIME

Shop Account

Search Search 3

## Checkout

Please fill out the form below to complete your order

Details

Full Name \*

Email Address \*

Delivery

Phone Number \*

Street Address 1 \*

Street Address 2

Town or City \*

County

Postal Code

Country \*

Order Summary (3)	
Item	Subtotal
Dirty Cow Beef BBQ Rub	£26.97
Qty: 3	
Order Total:	£26.97
Delivery:	£5.00
Grand Total:	<b>£31.97</b>

[Facebook](#) [Instagram](#)

Figure 28

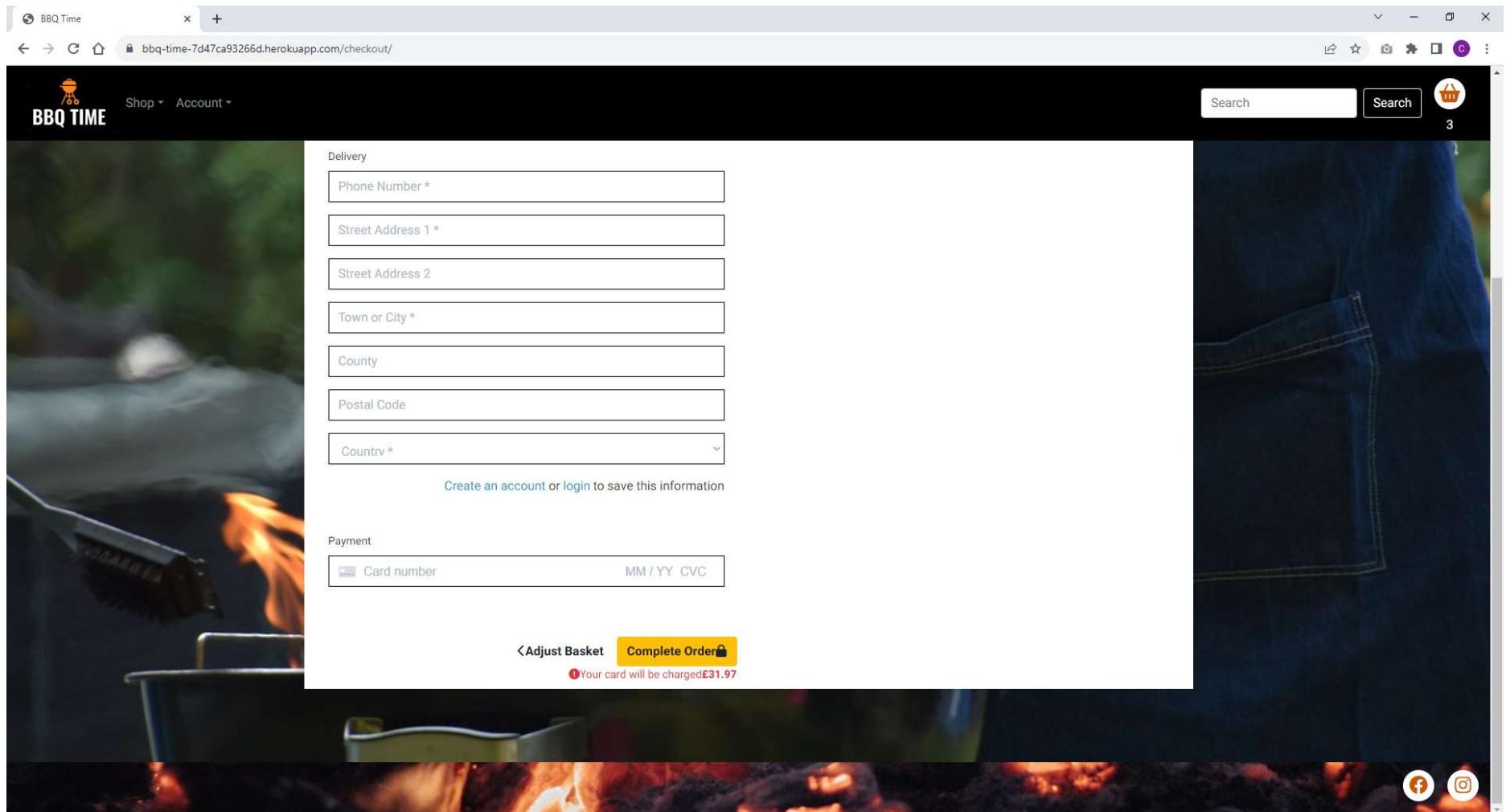


Figure 29

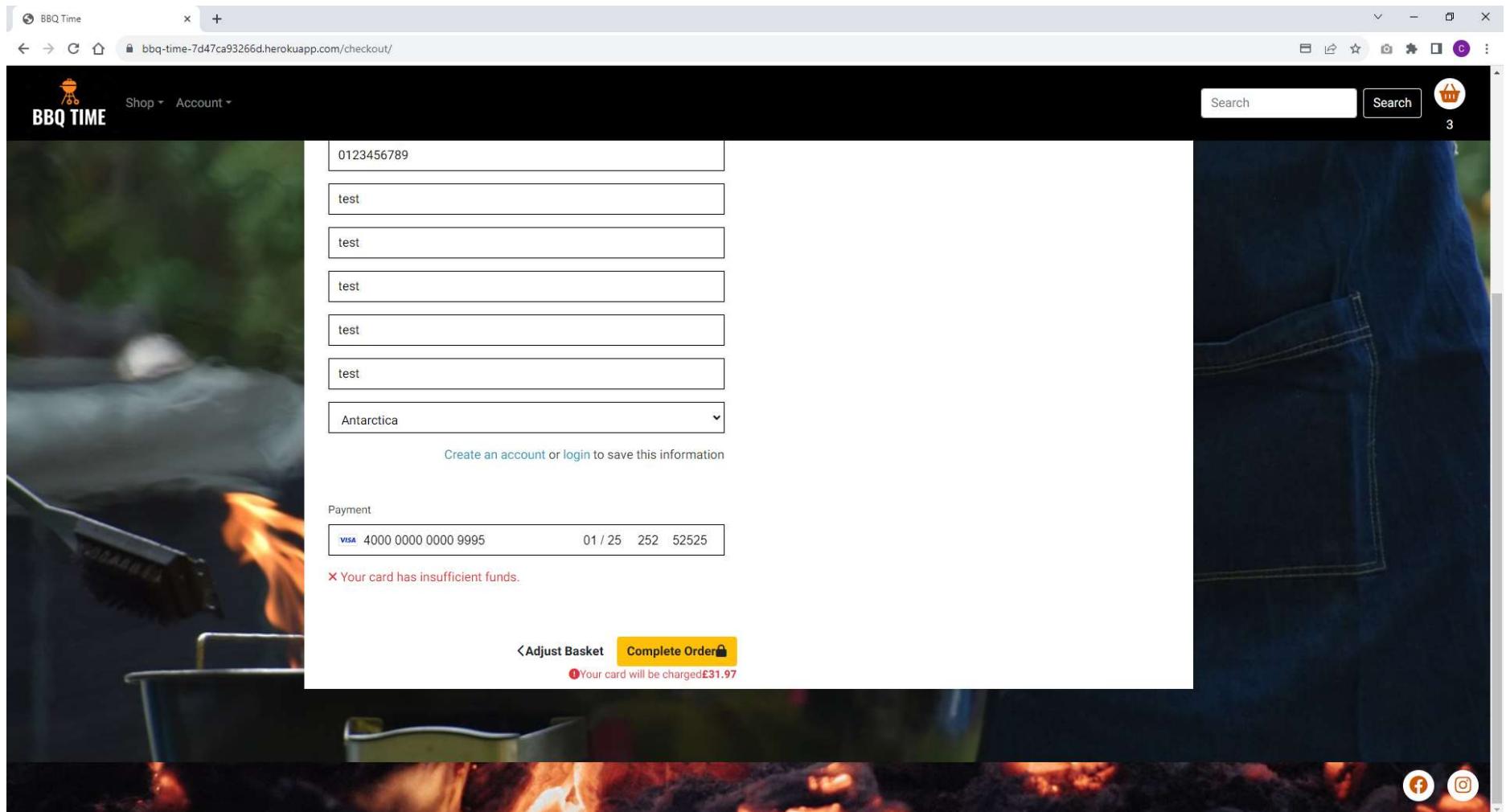


Figure 30

**BBQ TIME**

Shop Account

Search Search 0

## Thank You

Your order information is below. A confirmation email will be sent to [test@test.com](mailto:test@test.com).

Order Info:	
Order Number	9438C2B852E54DC0B7D774E8EEF63178
Order Date	Oct. 9, 2023, 6:08 p.m.
Order Details:	Dirty Cow Beef BBQ Rub
Delivering To:	3 @ £8.99 each
Full Name	test
Address 1	test
Address 2	test
County	test
Town or City	test
Postal Code	test
Country	AQ
Phone Number	0123456789
Billing Info:	
Order Total	£26.97
Delivery	£5.00
Grand Total	£31.97

[Facebook](#) [Instagram](#)

Figure 31

The screenshot shows the Stripe Developers - New Business dashboard with a test mode overlay. The main area displays a list of webhook events received by the endpoint <https://bbq-time-7d47ca93266d.herokuapp.com/checkout/wh/>. The events listed are:

Event Type	Timestamp
payment_intent.succeeded	19:08:59
charge.succeeded	19:08:59
payment_intent.payment_failed	19:08:37
charge.failed	19:08:37
payment_intent.created	19:07:29
payment_intent.succeeded	18:49:40
payment_intent.succeeded	18:29:14
payment_intent.succeeded	18:28:57
charge.succeeded	18:28:56
payment_intent.created	18:27:42
payment_intent.succeeded	18:23:31
charge.succeeded	18:23:26
payment_intent.payment_failed	18:22:57
charge.failed	18:22:57
payment_intent.created	18:21:37

The right panel shows the details for a successful payment intent event:

**payment\_intent.succeeded**

**Response**  
HTTP status code 200 (OK)

1 Webhook received: payment\_intent.succeeded | SUCCESS: Verified

**Request**

```
1 {
2   "id": "evt_3NzNrYLUzhYPEKBM1W2Tp1Ih",
3   "object": "event",
4   "api_version": "2023-08-16",
5   "created": 1696874938,
6   "data": {
7     "object": {
8       "id": "pi_3NzNrYLUzhYPEKBM1VhazPls",
9       "object": "payment_intent",
10      "amount": 3197,
11      "amount_capturable": 0,
12      "amount_details": {
13        "tip": {
14          }
15      }
16    }
17  }
18}
```

Figure 32

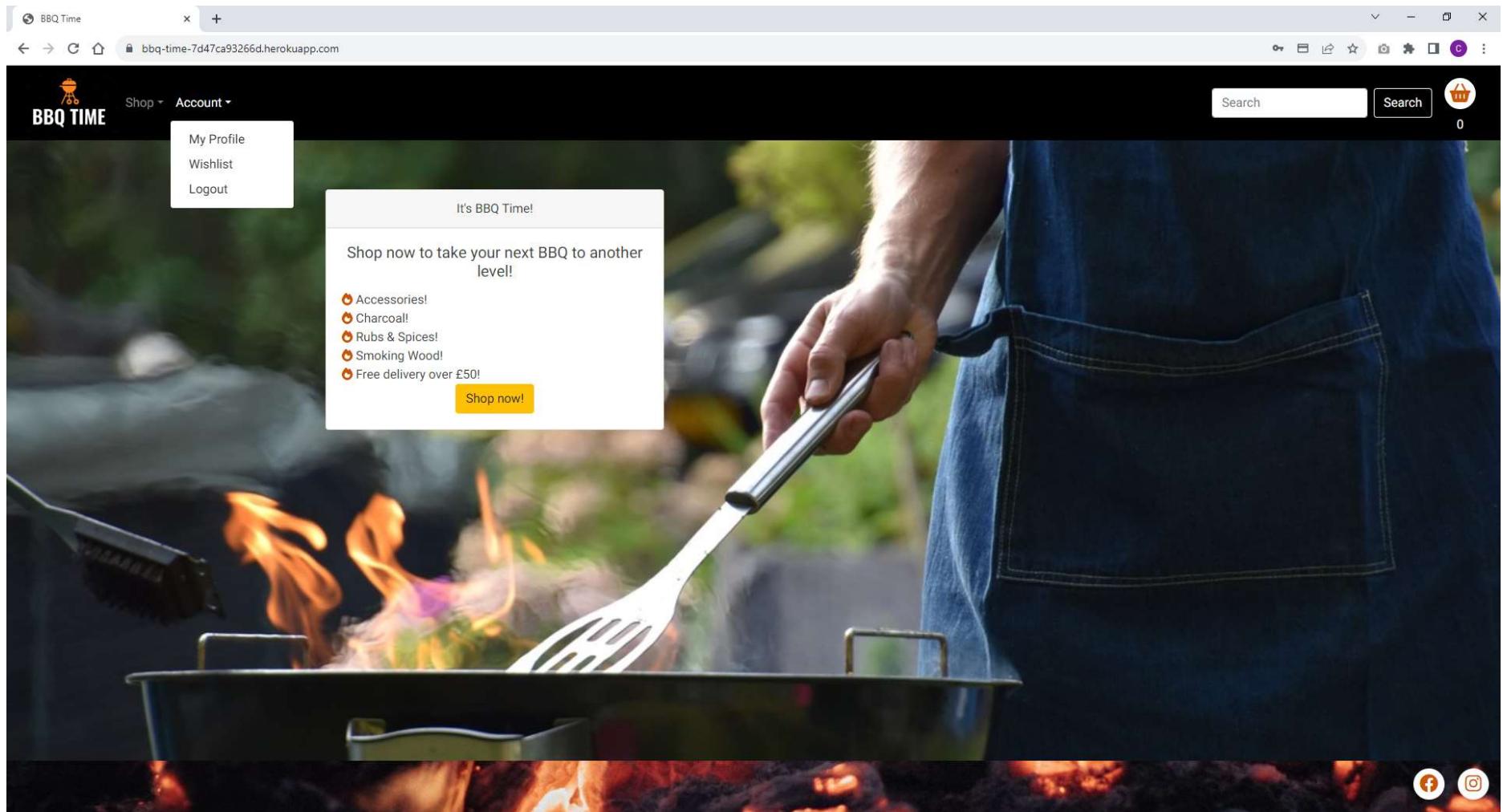


Figure 33

BBQ Time

Shop Account

Search

0

## My Profile

Default Delivery Information

Phone Number

Street Address 1

Street Address 2

Town or City

County, State or Locality

Postal Code

Country

Update Information

Order Number	Date	Items	Order Total

Order History

Facebook Instagram

Figure 34

My Profile

Default Delivery Information

0123456789

test

test

test

test

test

United Kingdom

Update Information

Order History

Order Number	Date	Items	Order Total
1	2023-10-01	BBQ Grill	\$120.00

Facebook Instagram

Figure 35

BBQ Time

Shop Account

Search

1

## Checkout

Please fill out the form below to complete your order

Details

Full Name \*

Email

Delivery

Address

City

Zip

Country

Order Summary (1)	
Item	Instant Read Thermometer
Qty:	1
Subtotal	£22.99
Order Total:	£22.99
Delivery:	£5.00
Grand Total:	£27.99

Facebook Instagram

Figure 36

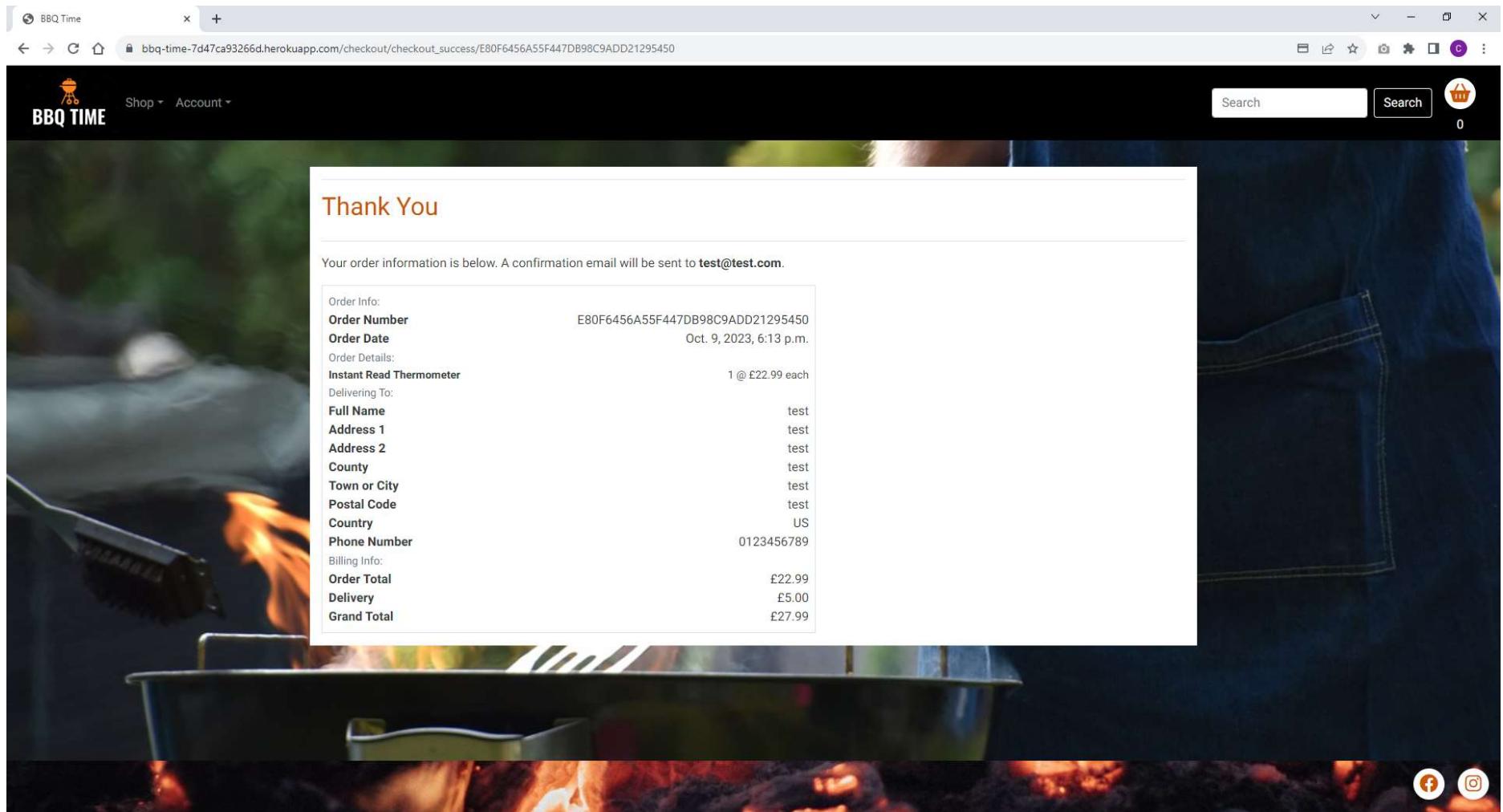


Figure 37

BBQ Time

Shop Account

Search Search 0

## My Profile

Default Delivery Information

0123456789

test

test

test

test

test

United States of America

Update Information

Order Number	Date	Items	Order Total
E80F6...	Oct. 9, 2023, 6:13 p.m.	Instant Read Thermometer x1	£27.99

f i

Figure 38

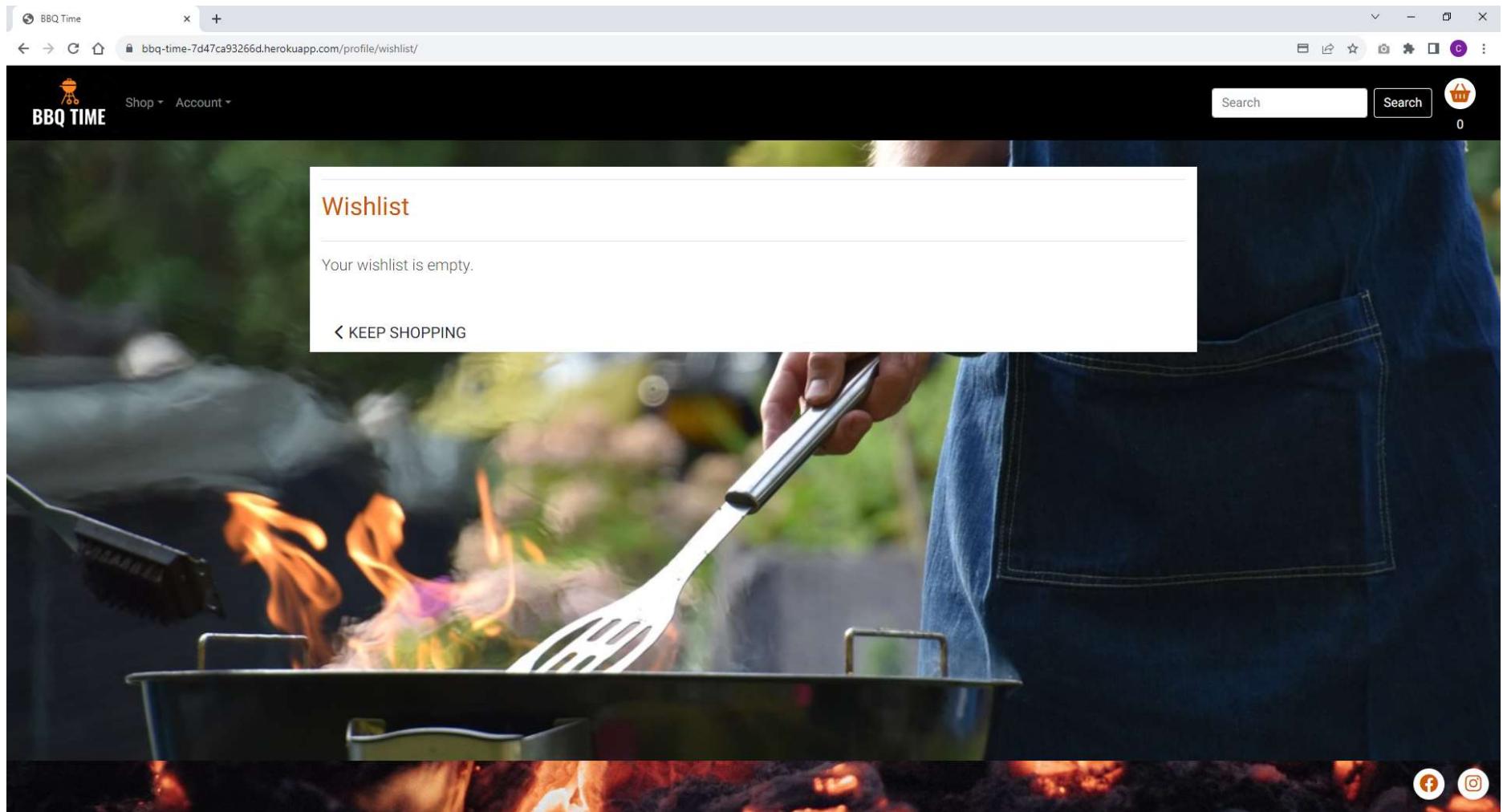


Figure 39

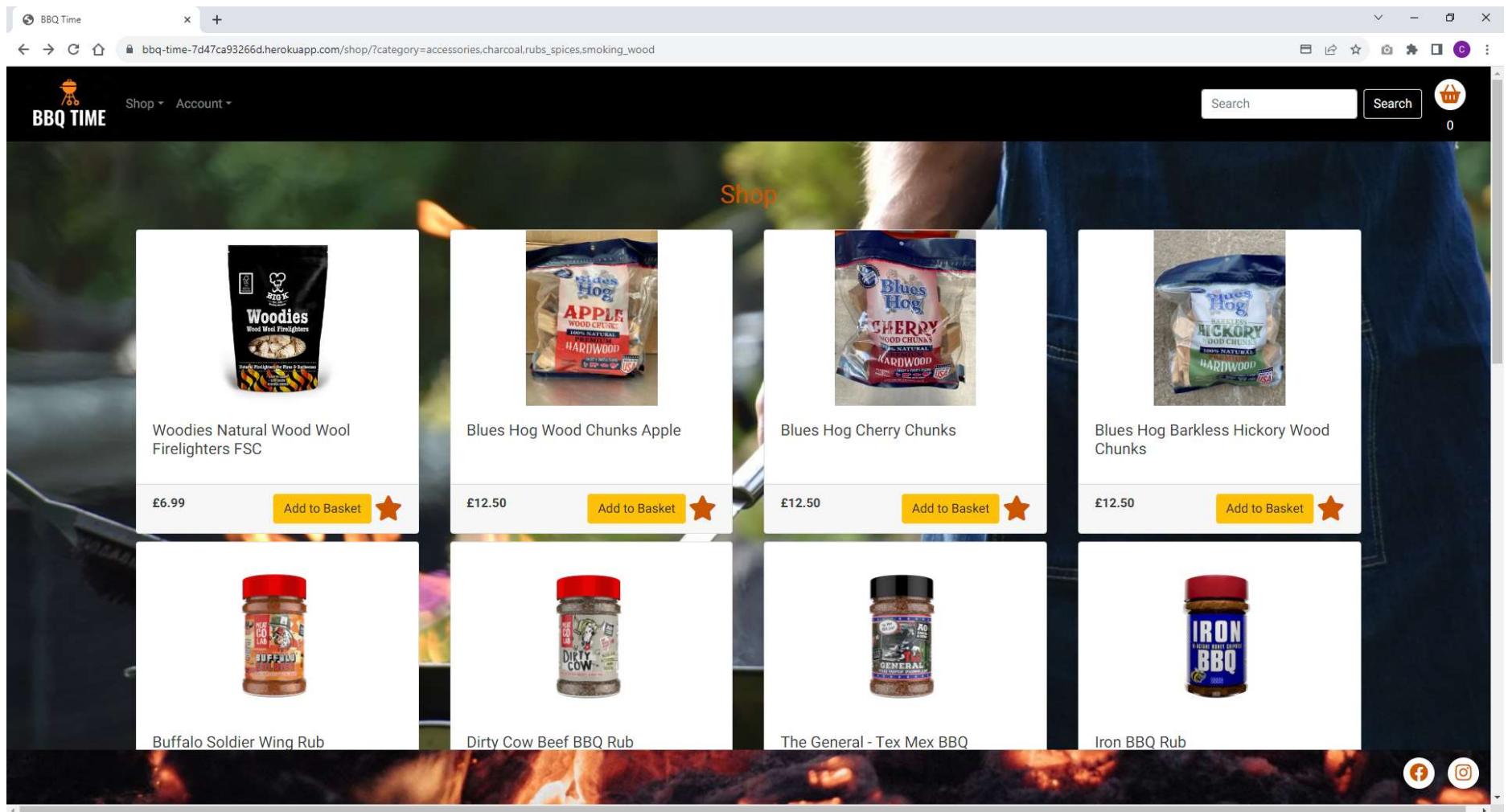


Figure 40

BBQ Time

Shop Account

Search Search 0

## Wishlist

Product Info	Price	Remove?
	£12.50	<a href="#">Remove</a>

Blues Hog Cherry Chunks

£12.50

[Remove](#)

f i

Figure 41

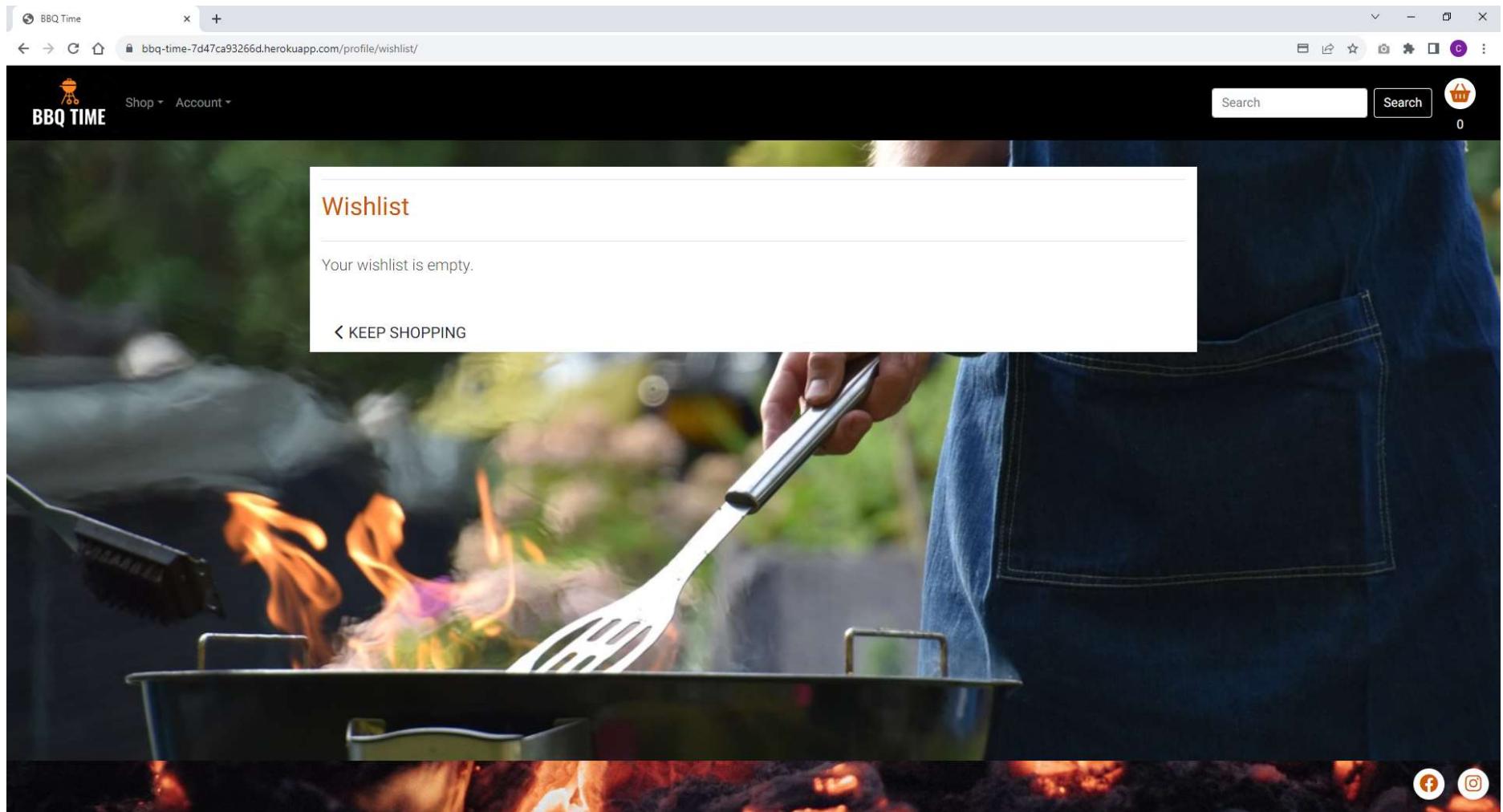


Figure 42

BBQ Time

bbq-time-7d47ca93266d.herokuapp.com/shop/5/

Shop Account

Search Search 0

Blues Hog Cherry Chunks



Blues Hog Cherry Chunks

From the "Award-Winning, Choice of Champions" comes their line of premium wooden lumps of smoke!

- Single-sourced for consistency and uniformity
- No dust
- Oven dried

£12.50

Quantity:

1

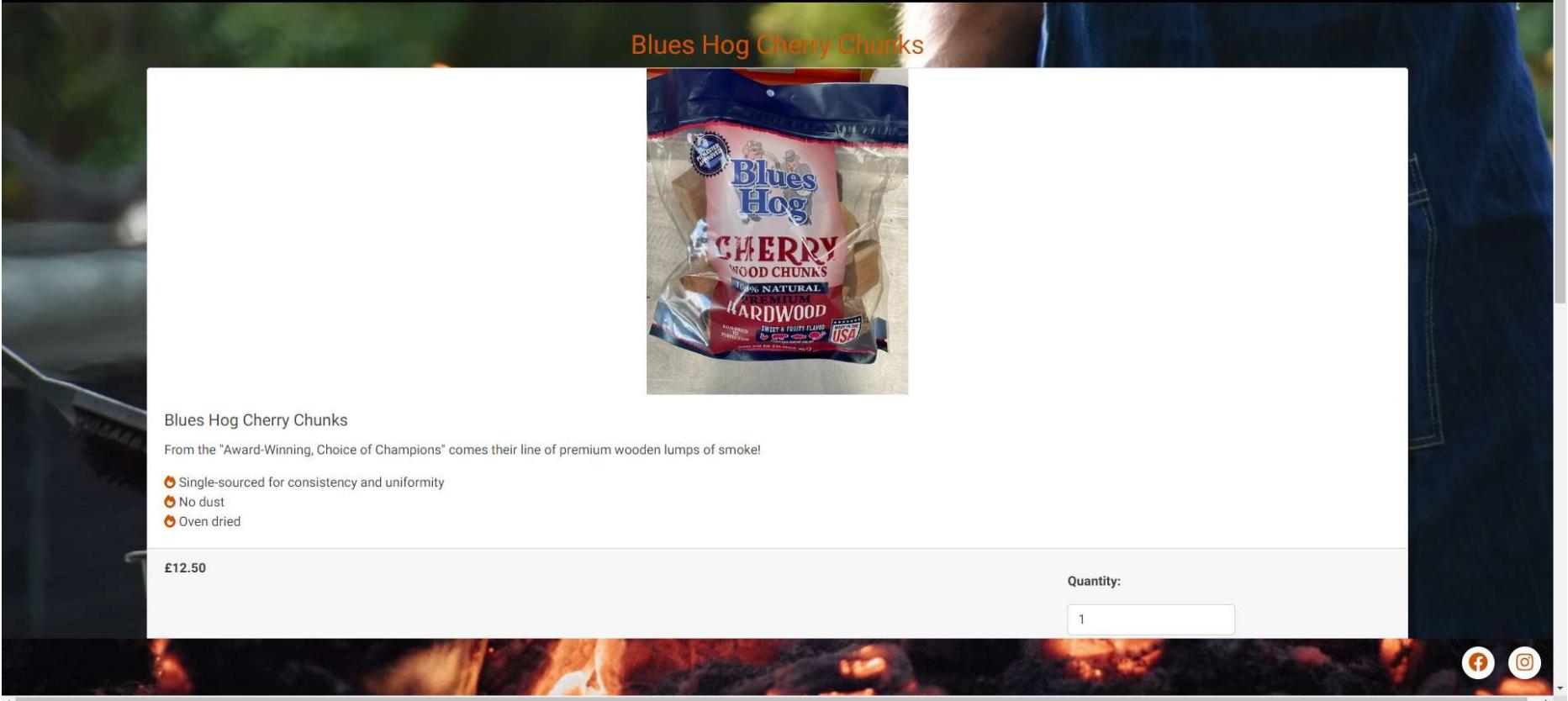


Figure 43

BBQ Time

Shop Account

Search Search 0

## Wishlist

Product Info	Price	Remove?
	£12.50	<a href="#">Remove</a>

Blues Hog Cherry Chunks

£12.50

Remove

f i

Figure 44

BBQ Time

bbq-time-7d47ca93266d.herokuapp.com/shop/8/

Shop Account

Search Search 0

BBQ TIME

Dirty Cow Beef BBQ Rub



Dirty Cow Beef BBQ Rub

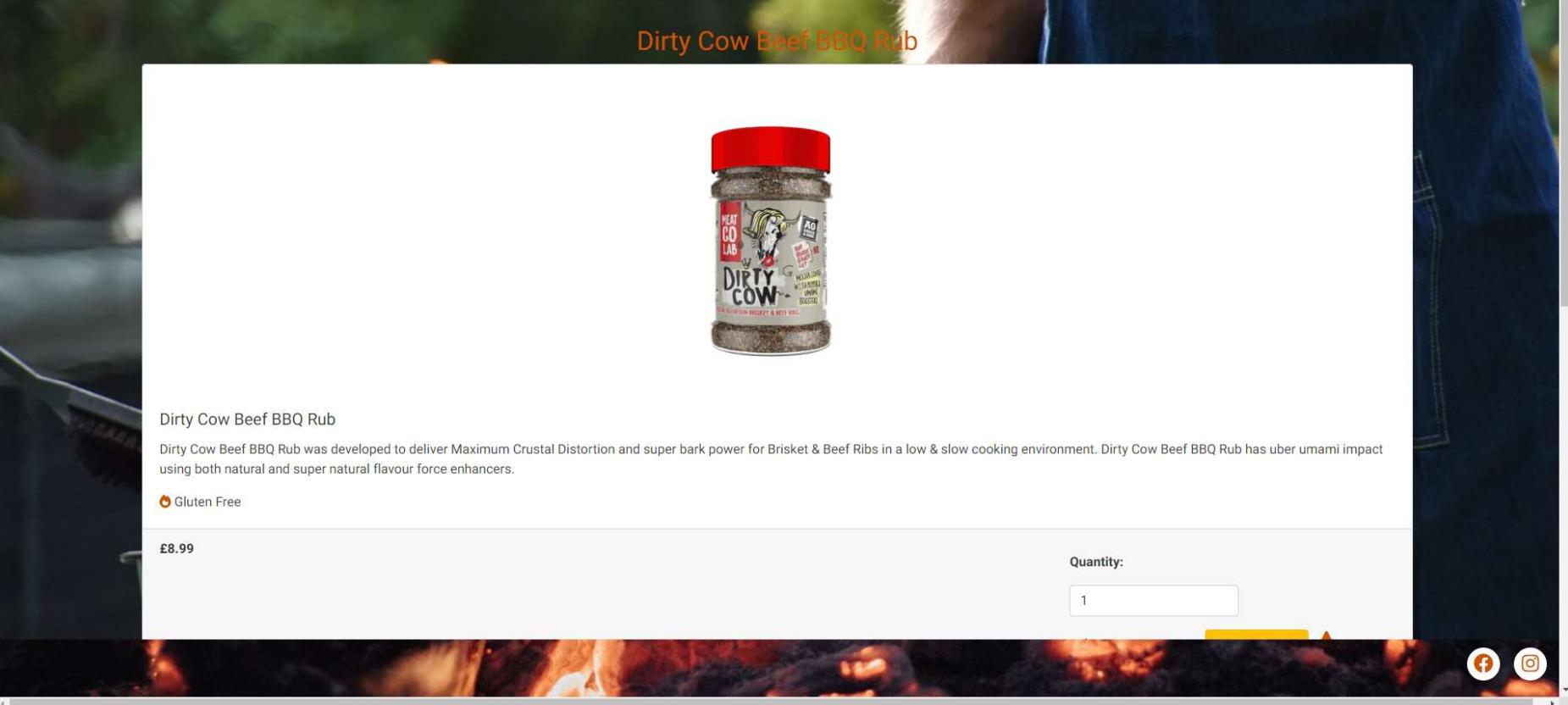
Dirty Cow Beef BBQ Rub was developed to deliver Maximum Crustal Distortion and super bark power for Brisket & Beef Ribs in a low & slow cooking environment. Dirty Cow Beef BBQ Rub has uber umami impact using both natural and super natural flavour force enhancers.

Gluten Free

£8.99

Quantity:

1



Facebook Instagram

Figure 45

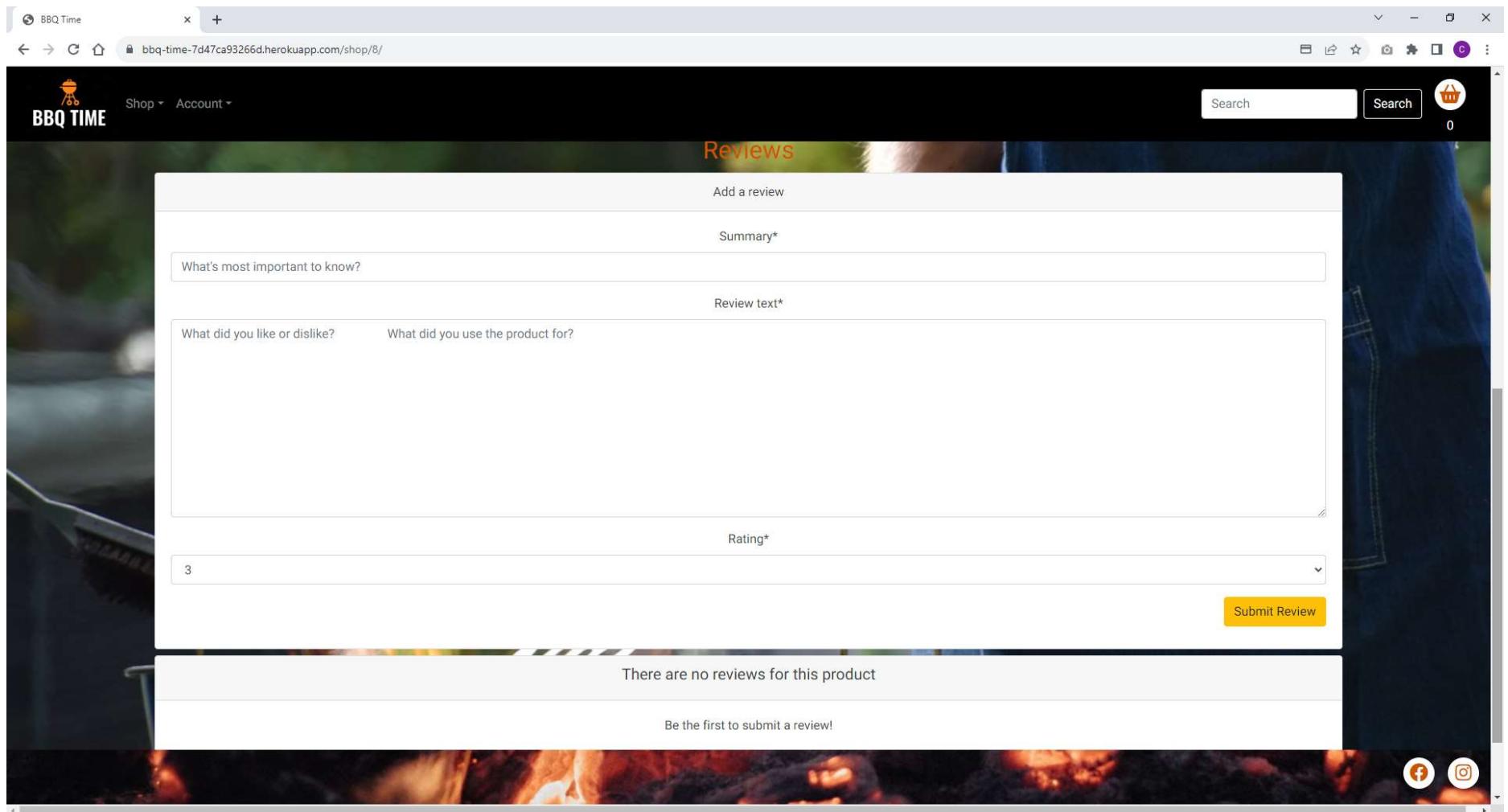


Figure 46

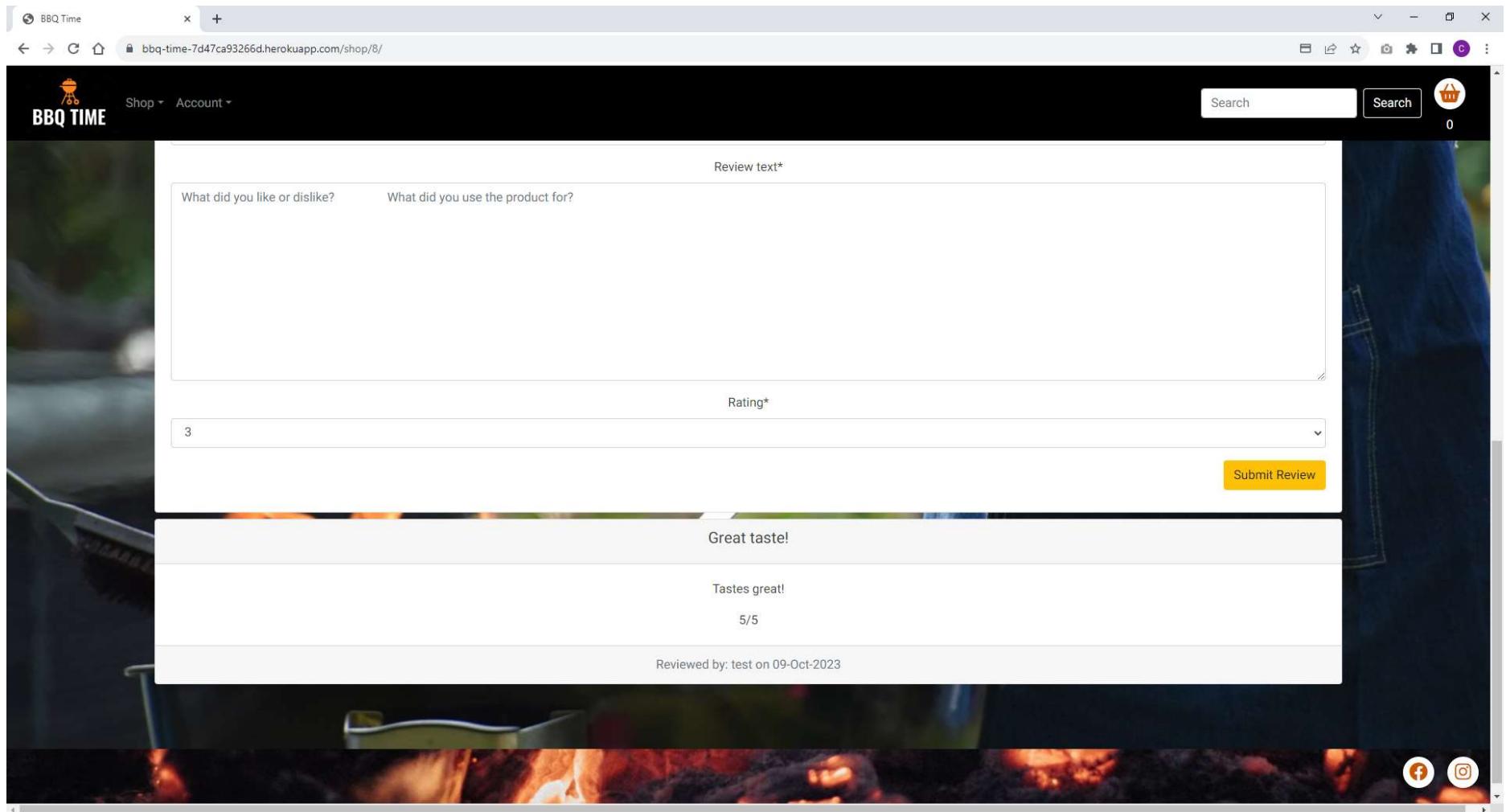


Figure 47

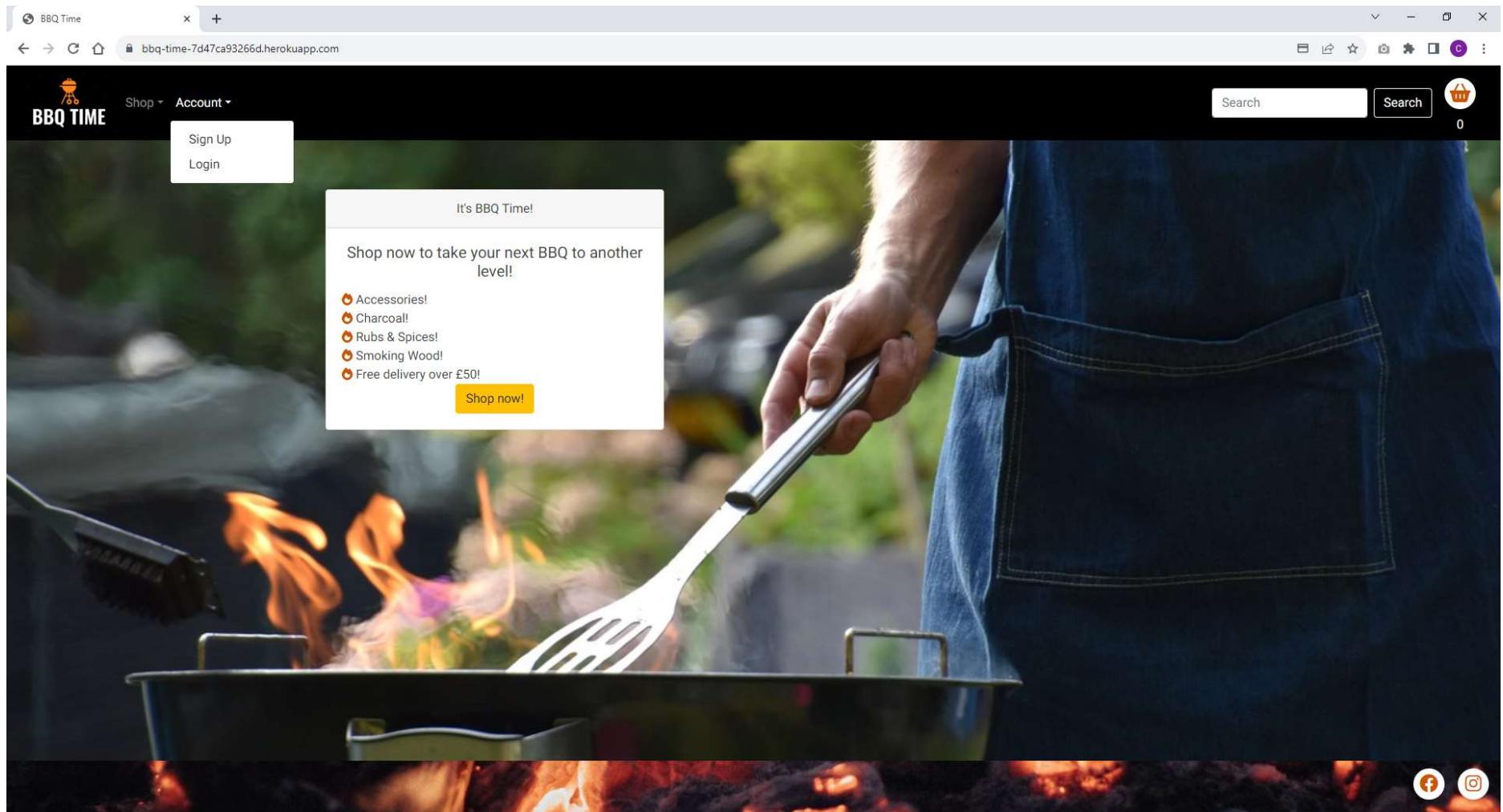


Figure 48

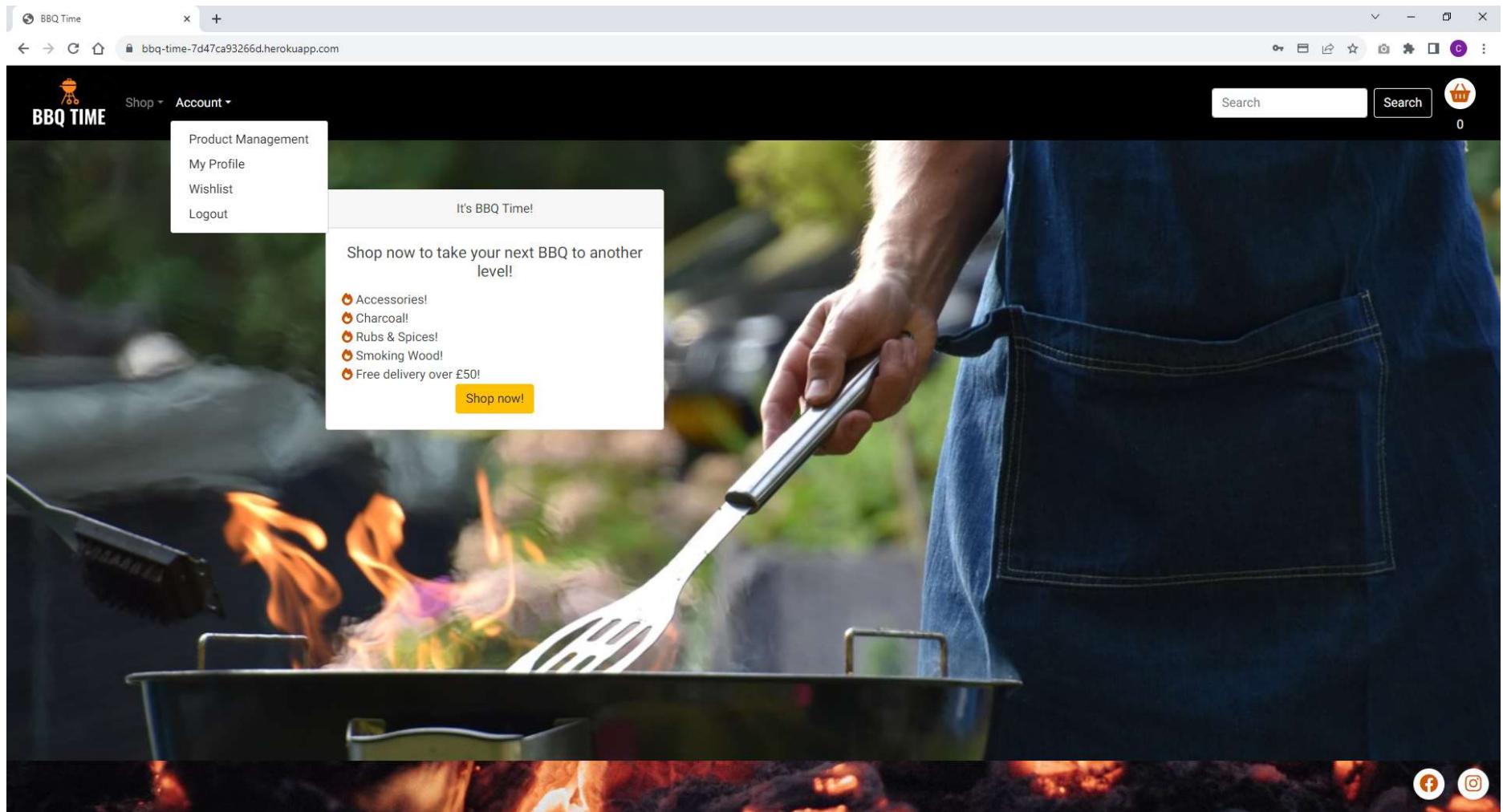


Figure 49

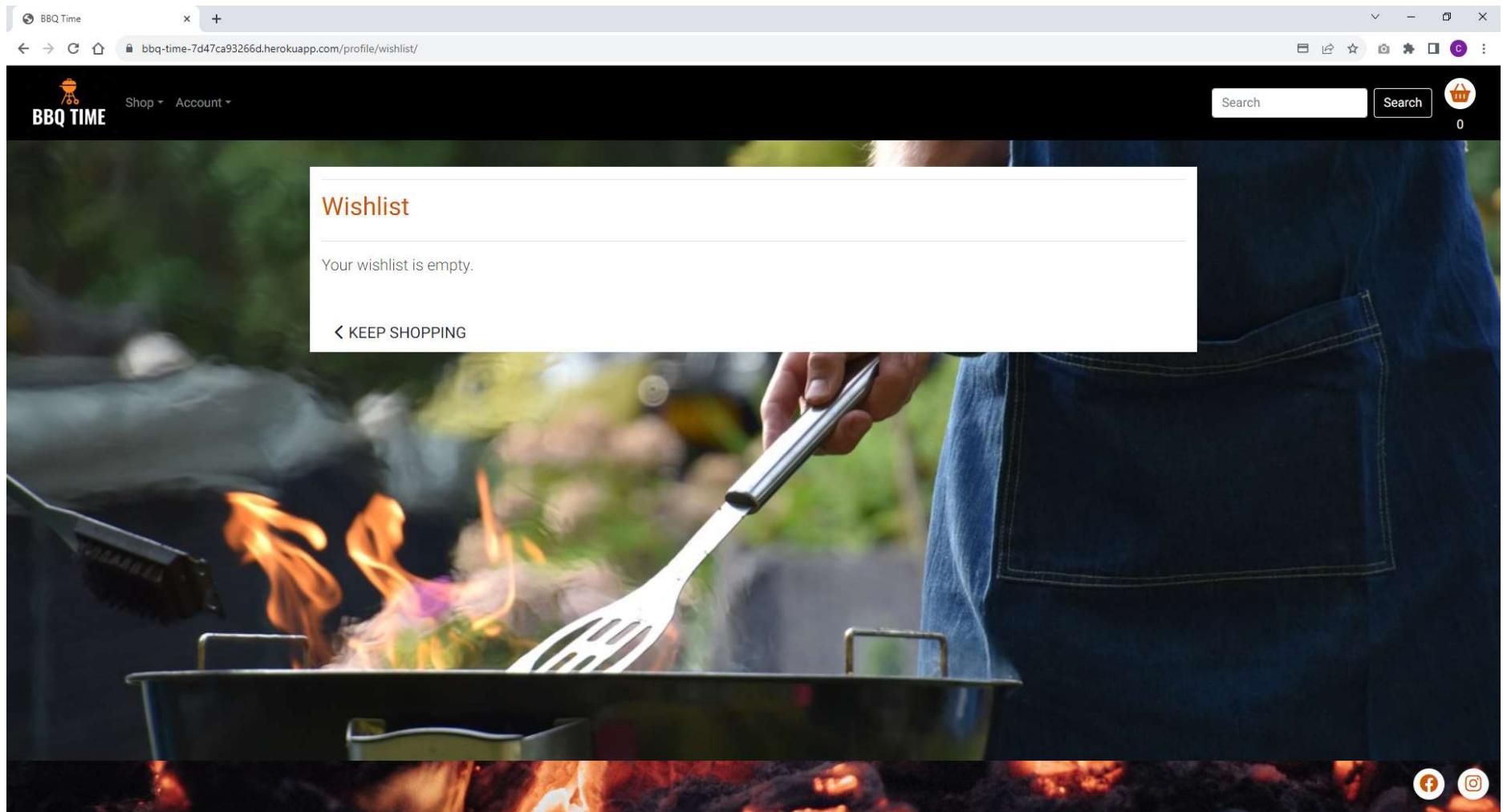


Figure 50

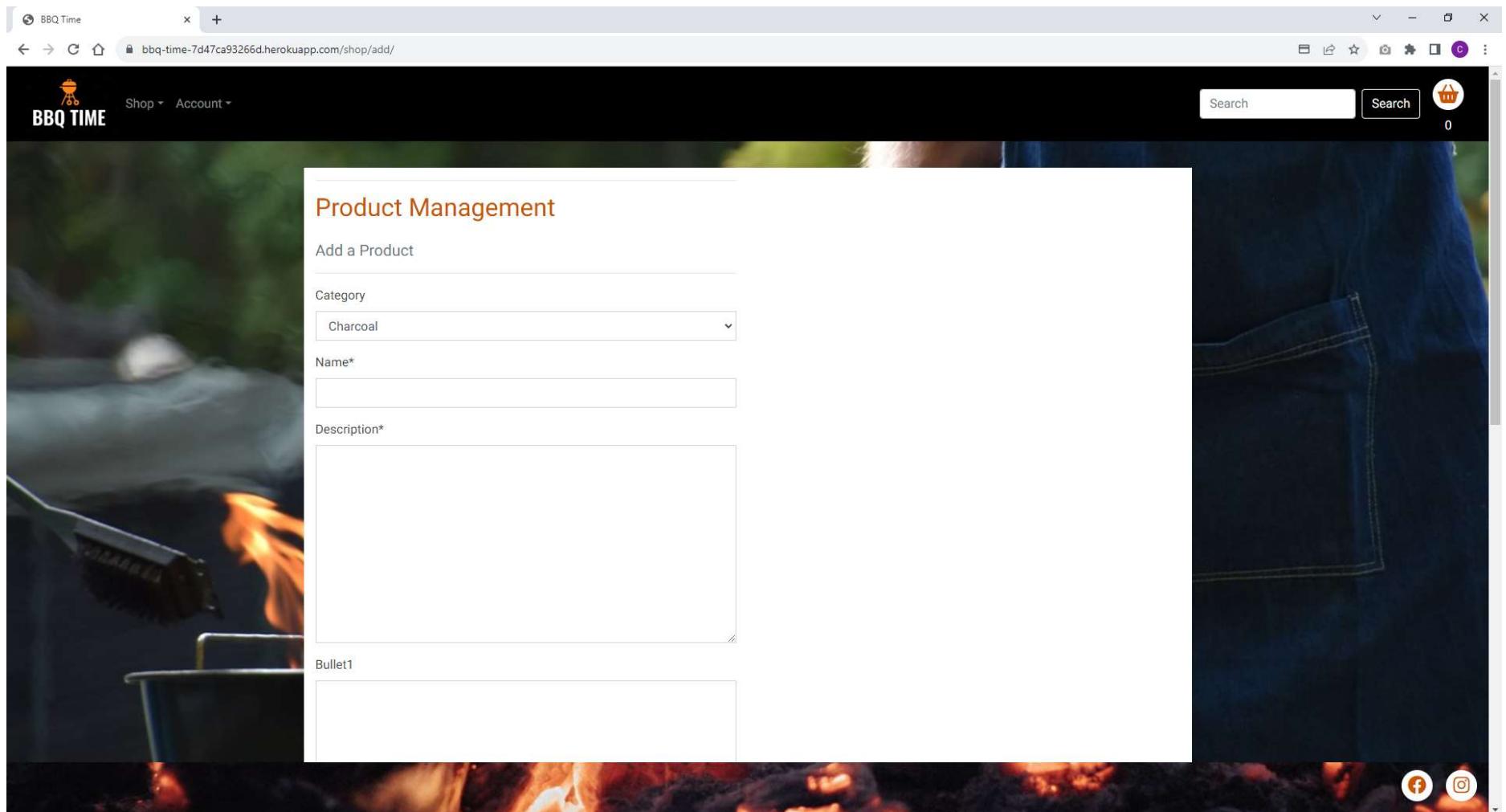


Figure 51

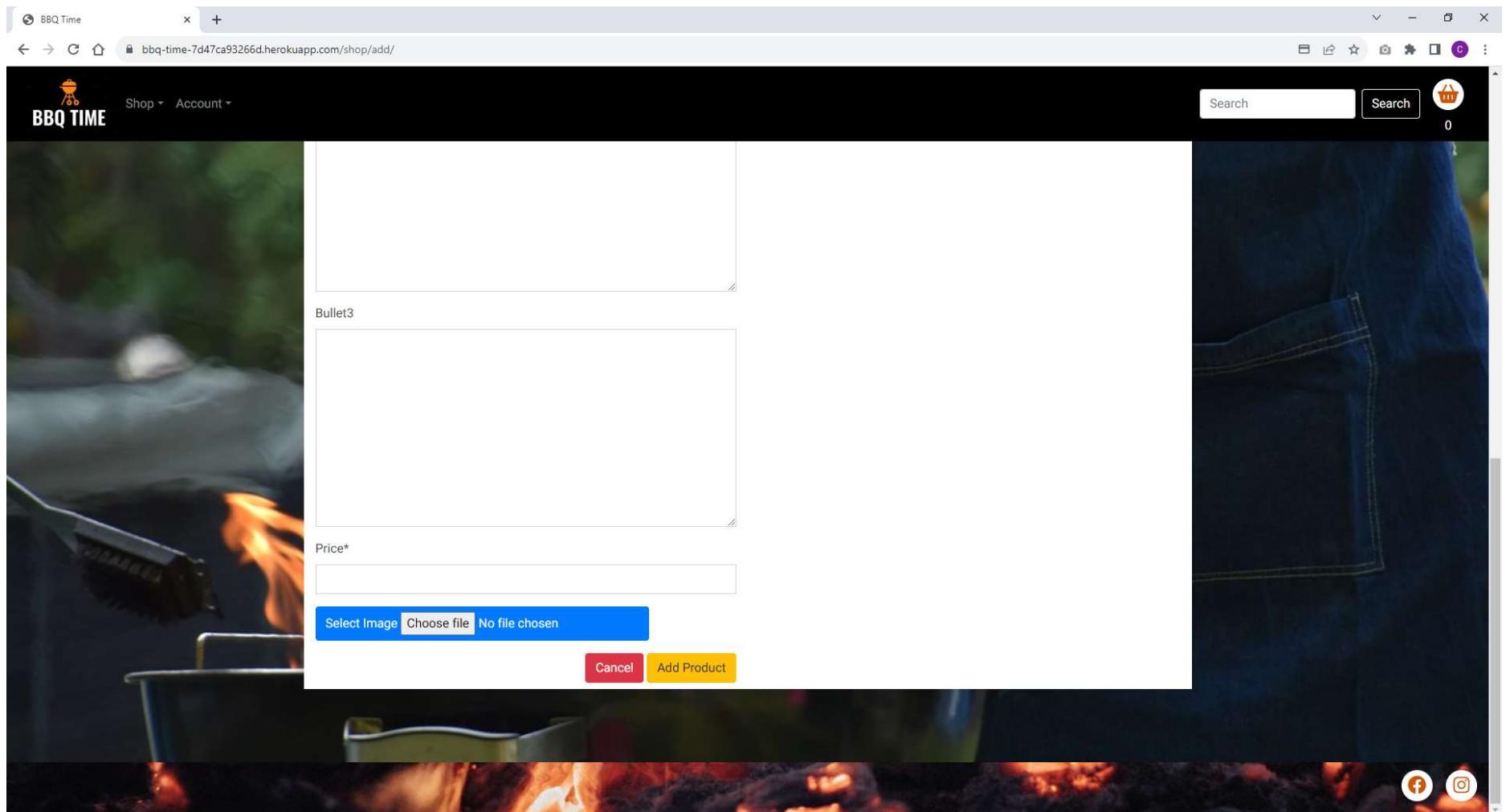


Figure 52

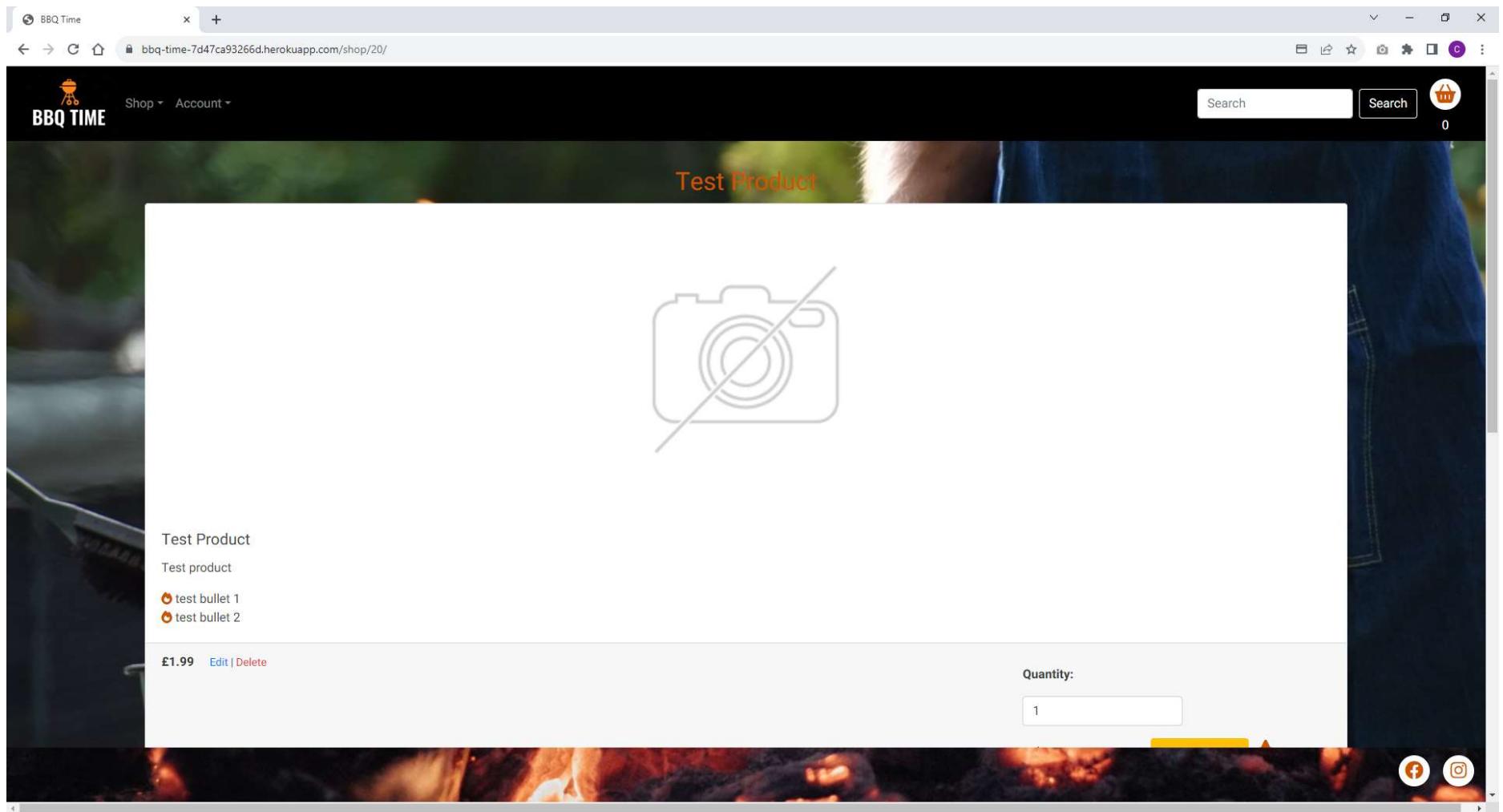


Figure 53

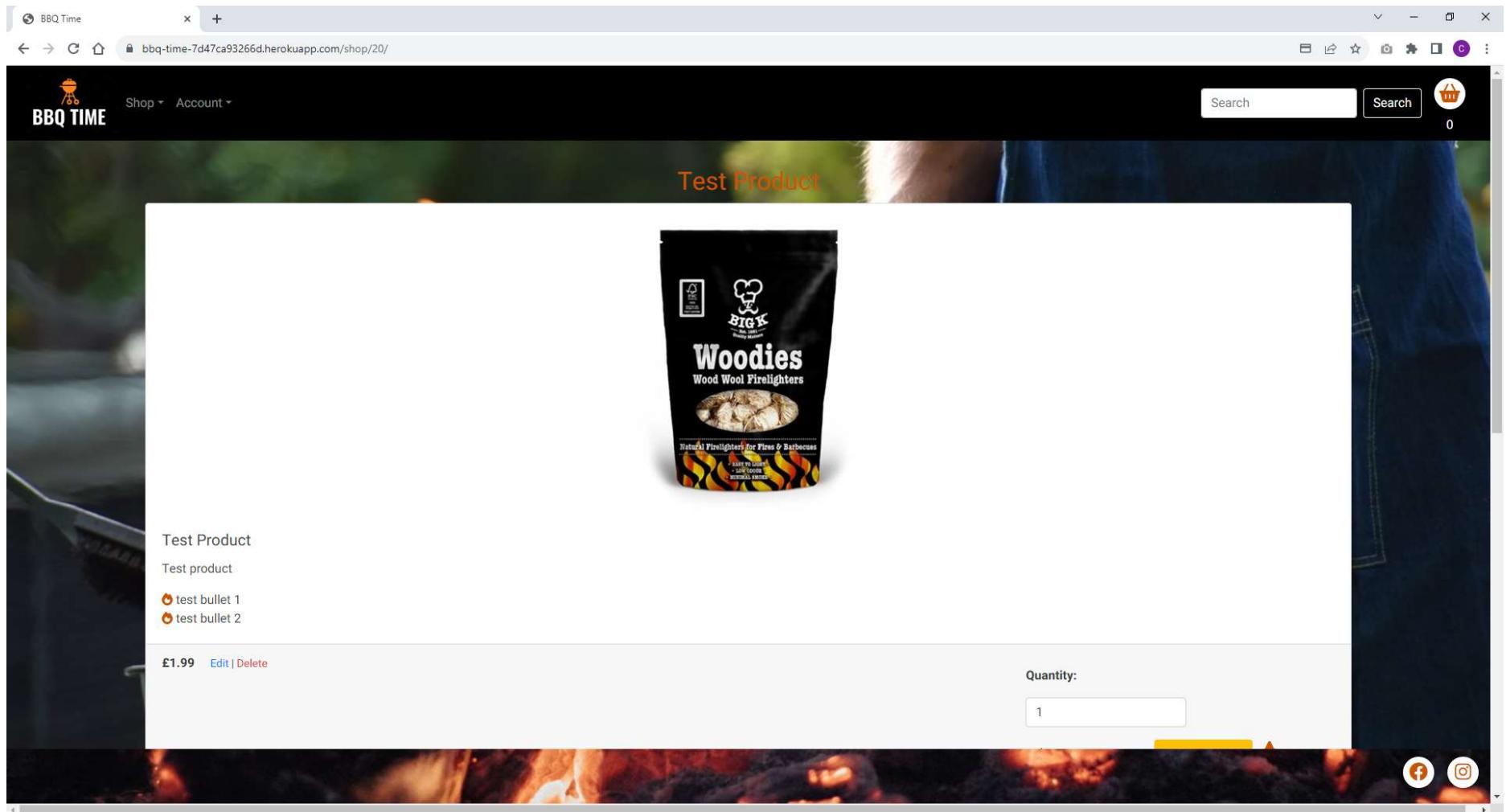


Figure 54

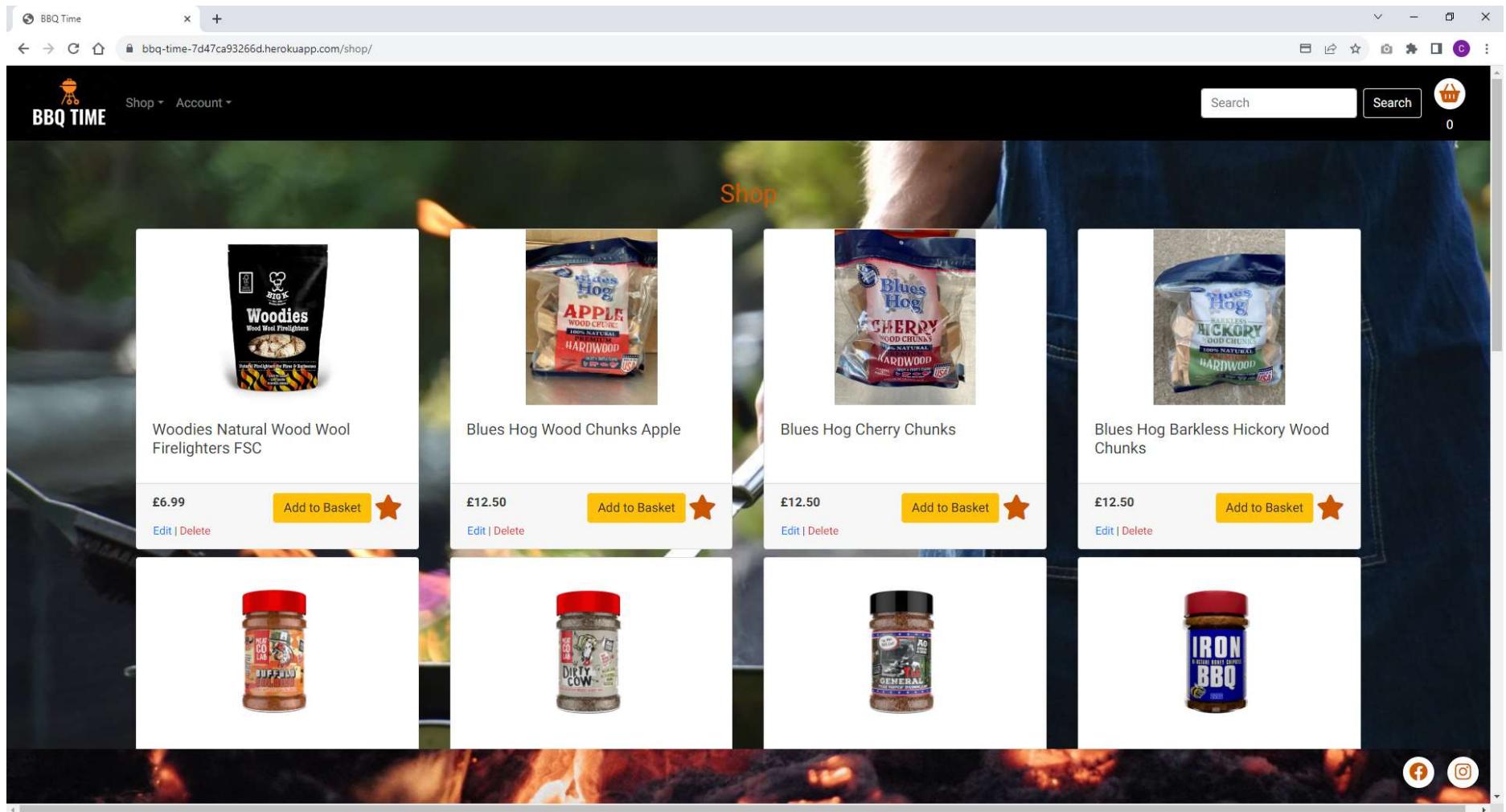


Figure 55

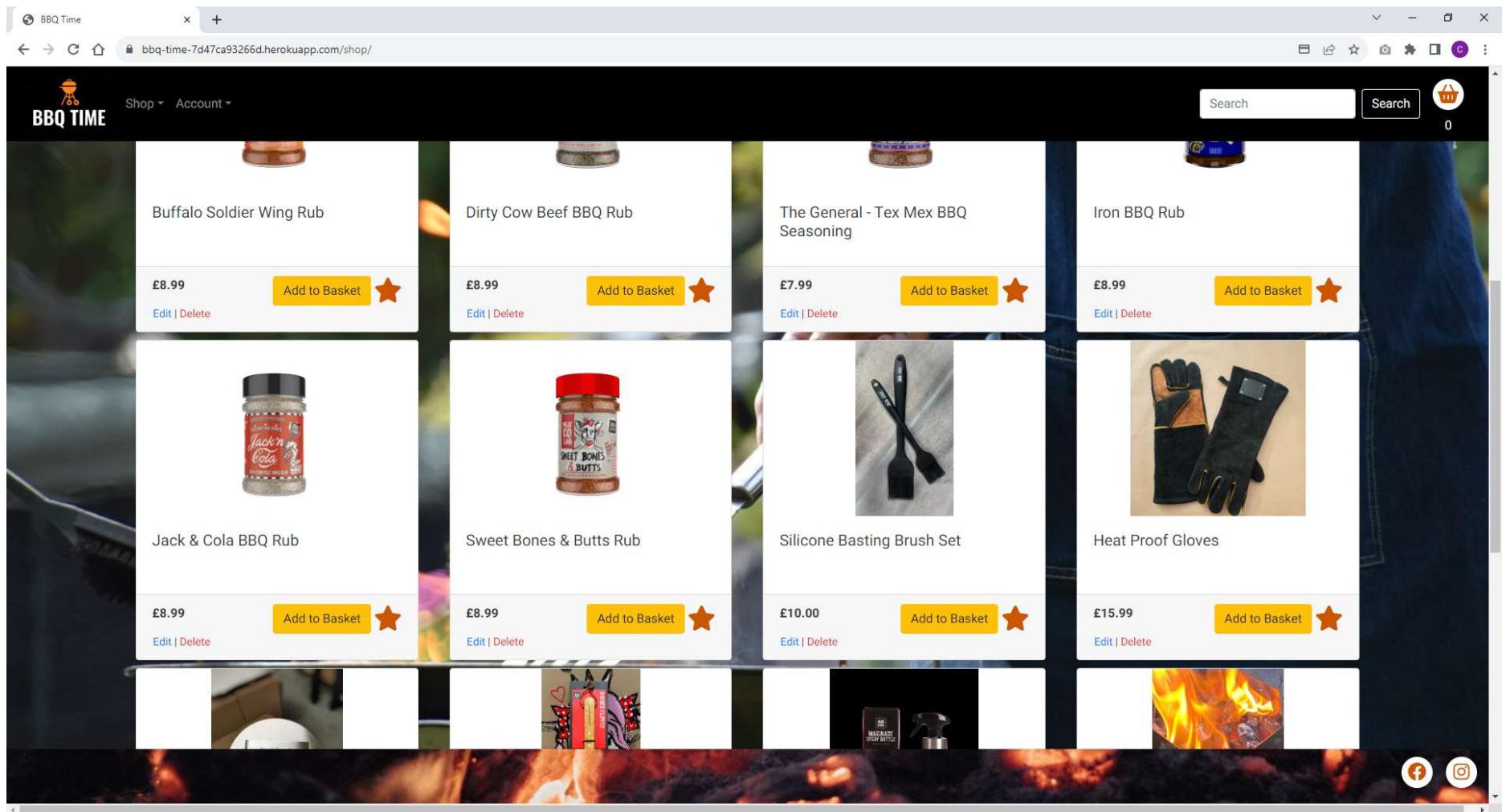


Figure 56

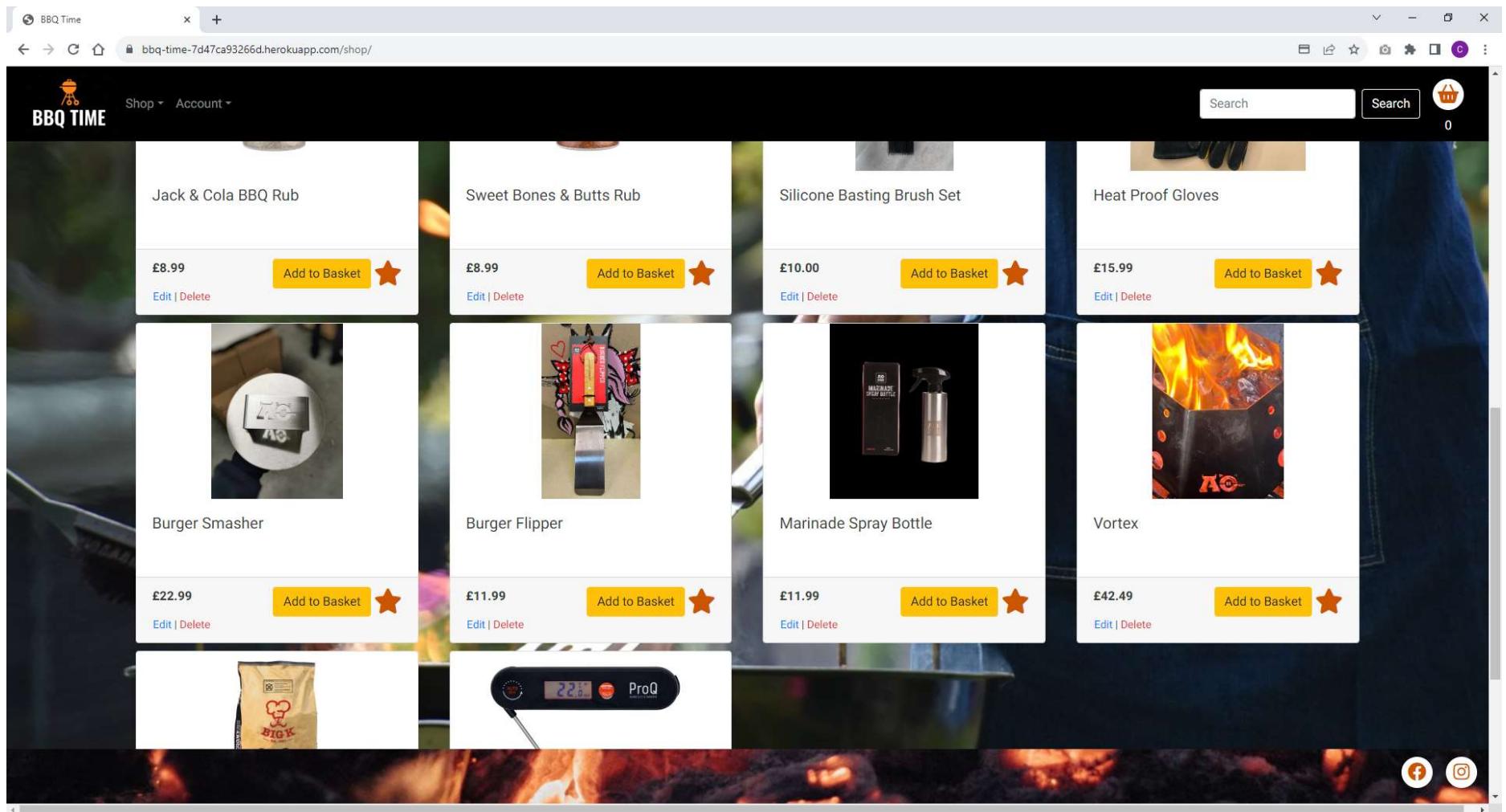


Figure 57

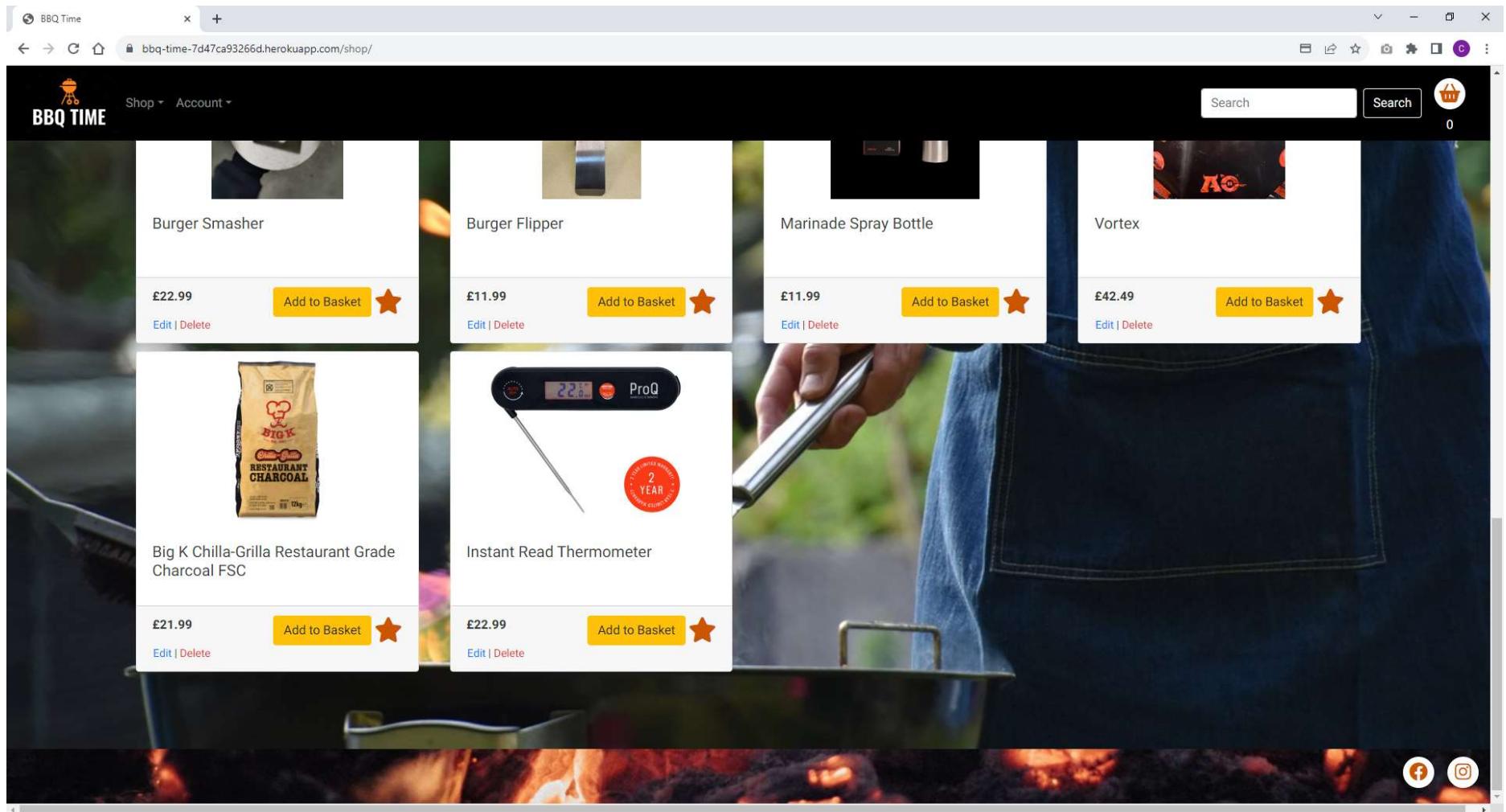


Figure 58

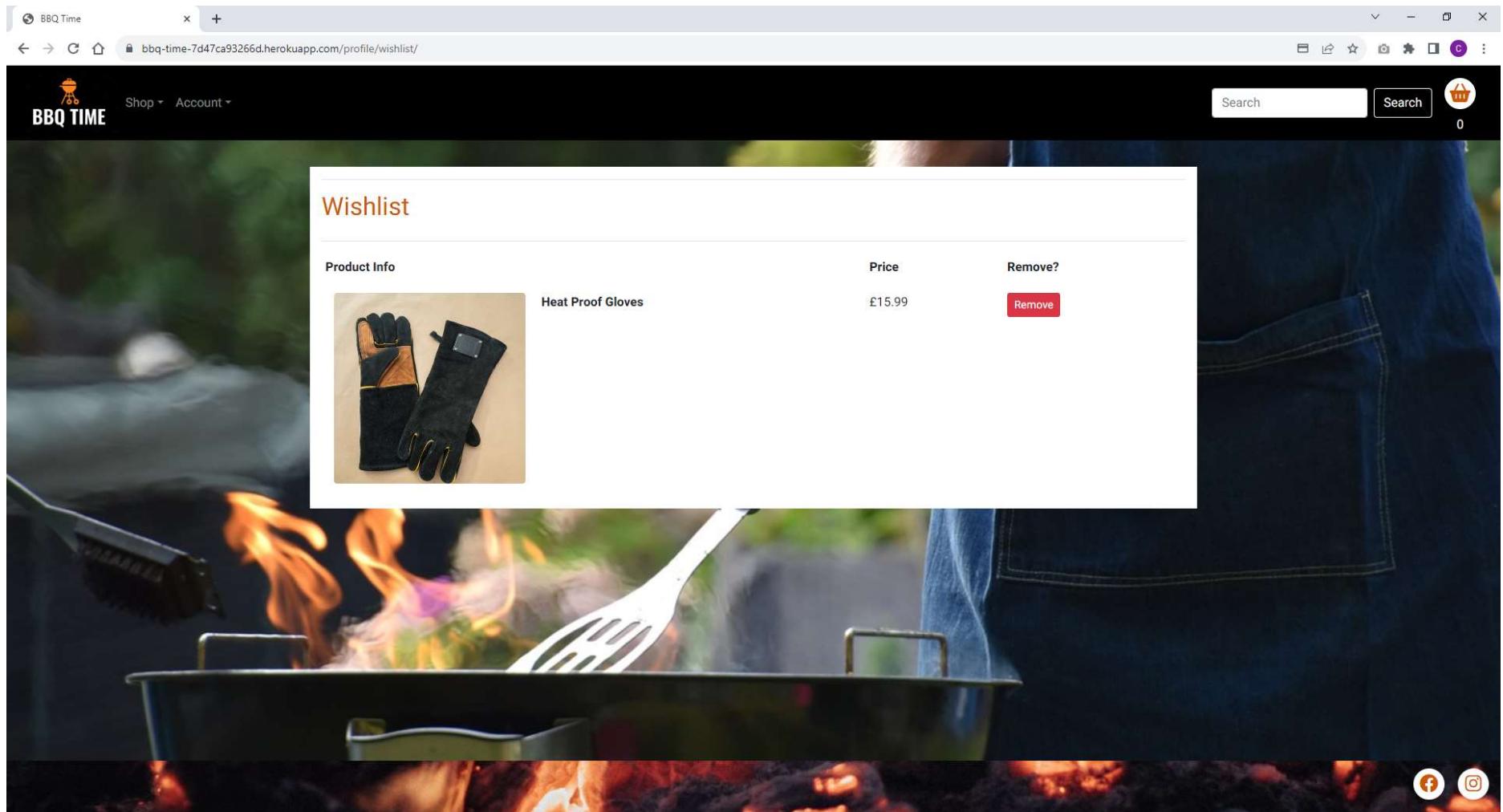


Figure 59

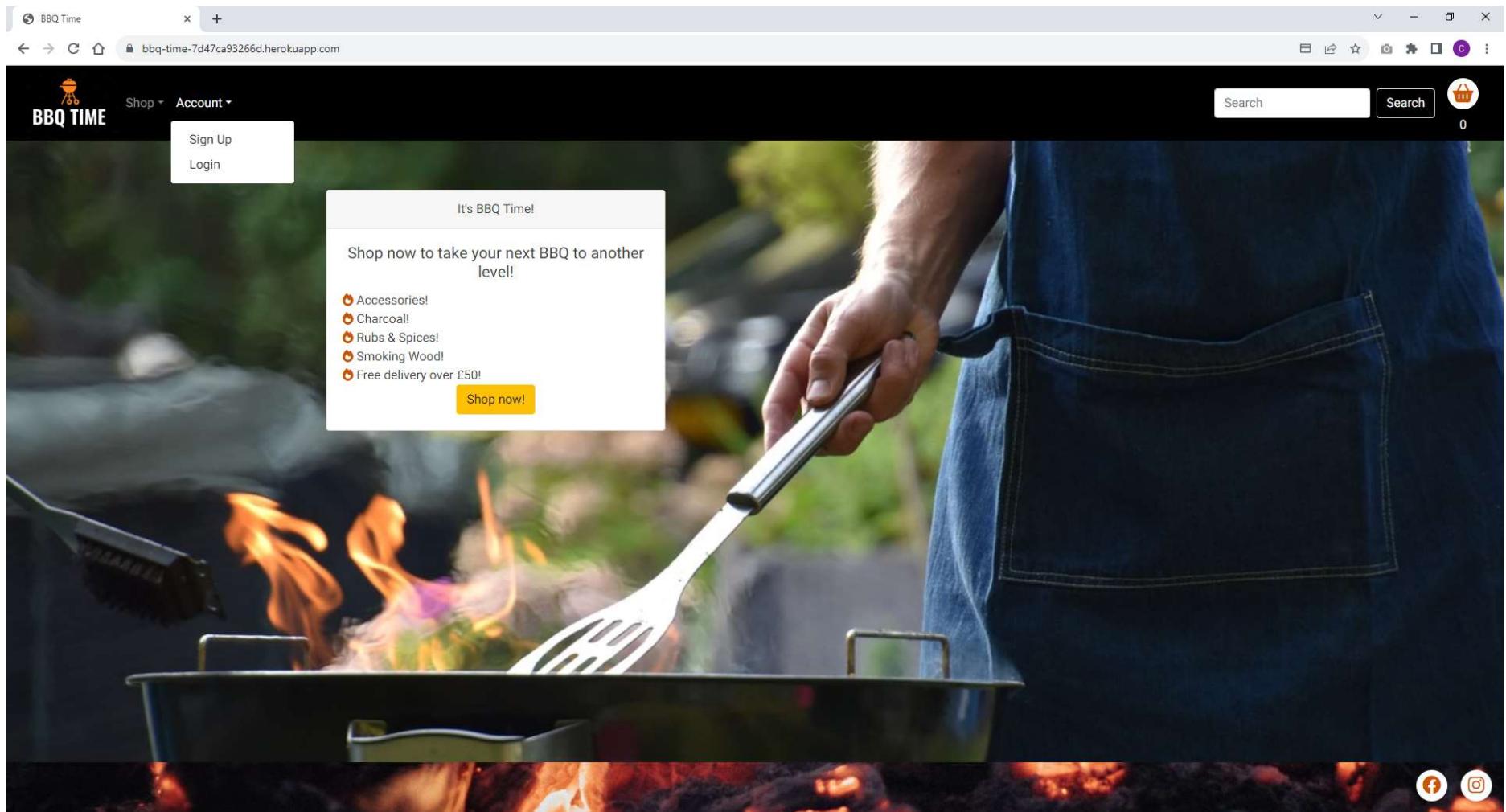


Figure 60