

**1. Features** include -**Responsive Design**. Many themes make use of responsive designs making your website accessible from every platform the the user might be using. **Widgets** are also another feature that can be used in wordpress. Most themes make space and cater for these widgets which makes them easy to add.

**Functionalities** include -**Plugins**. Plugins are used to add functionalities to your website. These plugins are user made and can be used to cater for your problems or tasks required. **Preview Mode** is another functionality that allows you to preview the changes that you are making to your page before publishing it to the viewing public. **Search Engine Optimizations** can also be used which allows your website to be located by any search engine.

**2.** Posts are content that is listed in order of newest first and usually contain stories or messages. When these posts are published, time and date are bound to them and readers are updated when a new post is published usually via an RSS Field. Since posts are created in a timely manner, they are social which means they can be easily shared to social media when posted.

Pages are content that do not expire on your website. They are static content types which house all of the content found on your website.

Example of Post:

Posted on [May 10, 2019](#) by [wordpress](#) — [1 Comment](#)

# Hello world!

---

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

## Example of Page:

[Home](#) > [Shop](#)

# Shop

Default sorting ▾

Showing all 9 results



6GB Asus NVIDIA GeForce RTX2060 ROG Strix OC Gaming GDDR6 PCIe3.0 VR Ready Video Card

€509.00

Add to cart



8GB Gigabyte NVIDIA GeForce RTX2070 Windforce Turing GDDR6 PCIe3.0 Ray-Tracing Video Card

€599.00

Add to cart



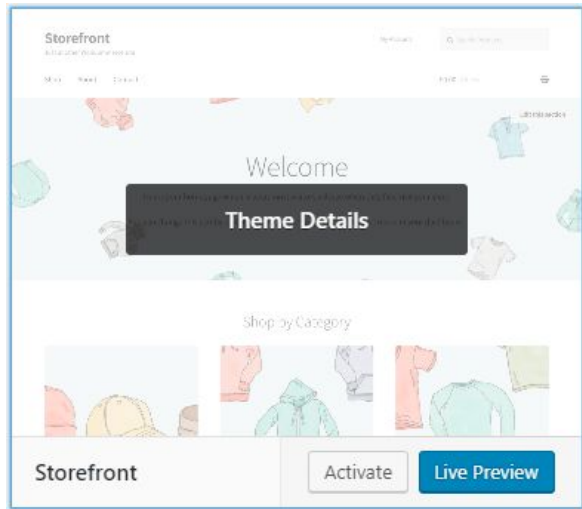
8GB Palit NVIDIA GeForce RTX2080 Gaming Pro OC GDDR6 PCIe3.0 VR Ready Video Card

€859.00

Add to cart

**3.** CMS made the creation of this website simpler with the vast amount of tools at your disposal. The amount of plugins available has also simplified a lot of work since the plugins do all of the work for you. Having a CMS allows you to properly organize your website without any issues which allows the end user to navigate the website without any issues.

- Drag and drop to build website
- Plugins to facilitate your work in this case a shop
- Ready made themes that are free to use
- Easy access to all users
- Simple to add new pages to the website and expand



<input type="checkbox"/> Username	Name	Email	Role
<input type="checkbox"/>  dpv29575	test 1234	dpv29575@cndps.com	Customer
<input type="checkbox"/>  w168042	test test	w168042@nwytg.net	Customer
<input type="checkbox"/>  wordpress	—	galearyan12@gmail.com	Administrator
<input type="checkbox"/>  yqg00369	123456 123456	yqg00369@cndps.com	Customer
<input type="checkbox"/> Username	Name	Email	Role

4. The login can be further simplified by making use of OAuth. This allows you to have a 3rd party login handler which means you don't have to cater for registering and logging.

Many different plugins can be used to further add functionality to the website. Multiple plugins can handle online transactions and there are different ways to manage products. Different methods to track user activity or ways to share the website content are also available. Examples of these are having a language translator, a loyalty program that gives discounts as rewards and having a forum to gather user feedback.

5. The chosen theme is simple and effective. It works perfect and allows the list of items properly in a row. This theme is also responsive which means that users can view the website from different devices and still get a good browsing experience.

# Shop

Default sorting ▼

Showing all 9 results



# Shop

Default sorting ▼

Showing all 9 results

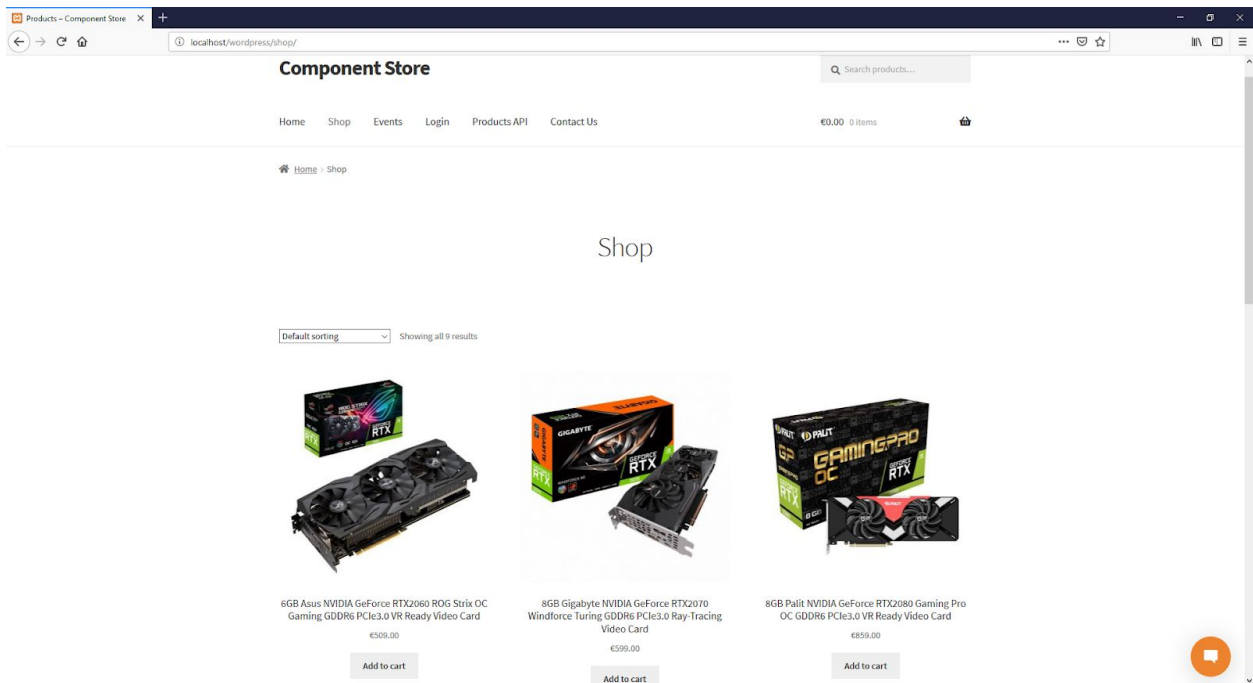
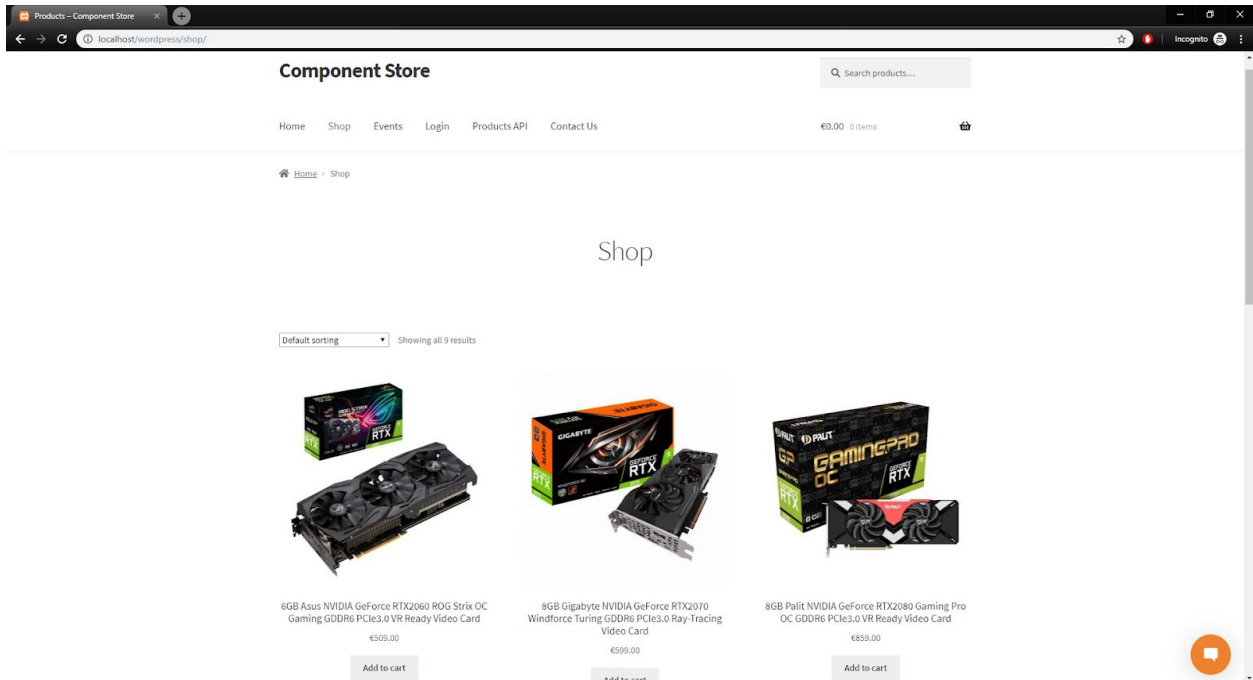


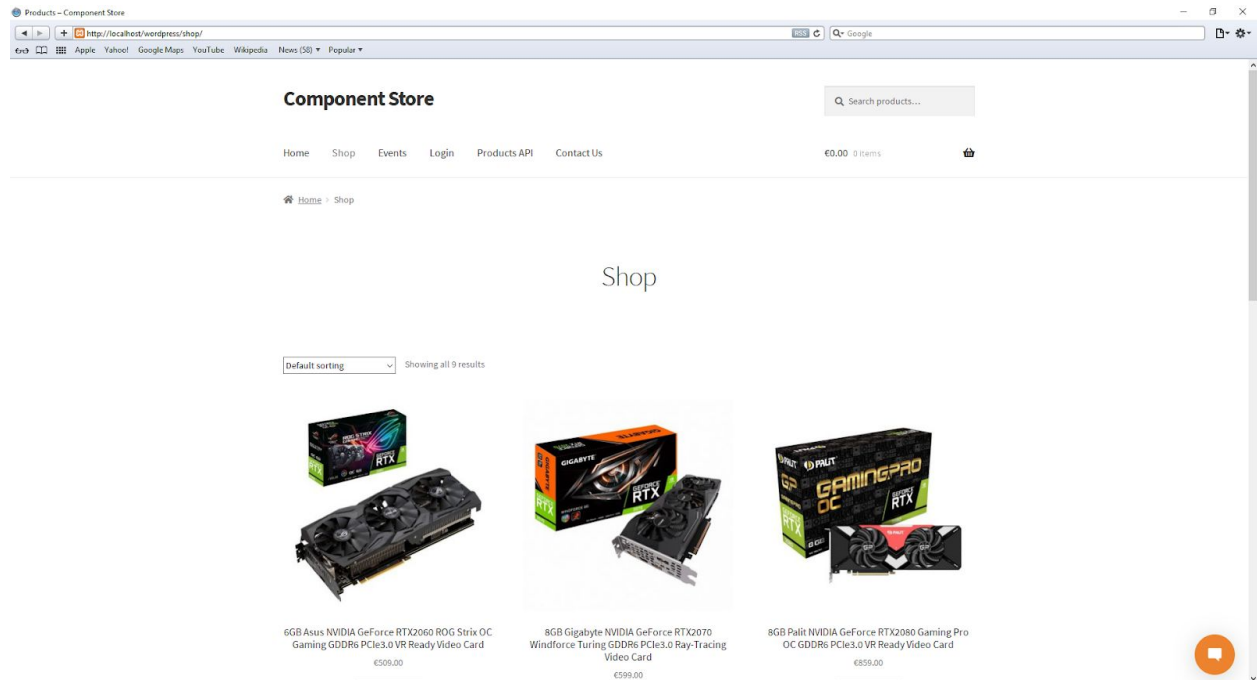
6GB Asus NVIDIA GeForce RTX2060 ROG Strix OC Gaming GDDR6 PCIe3.0 VR Ready Video Card

€509.00

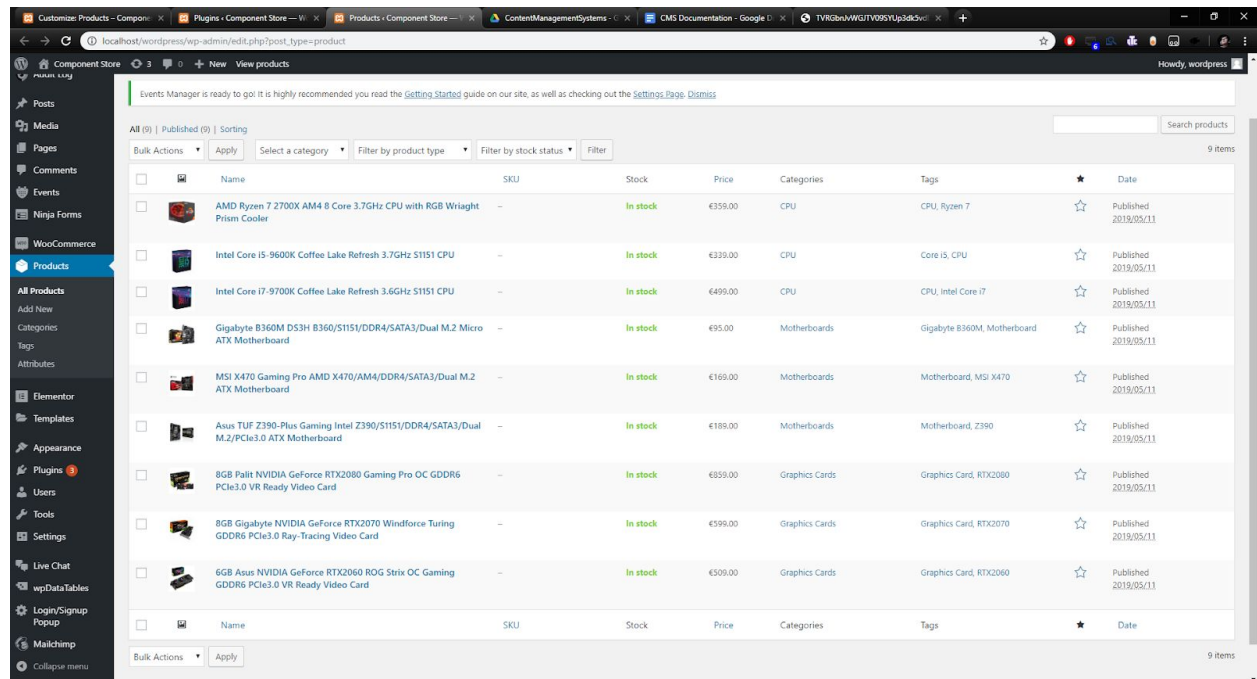
Add to cart



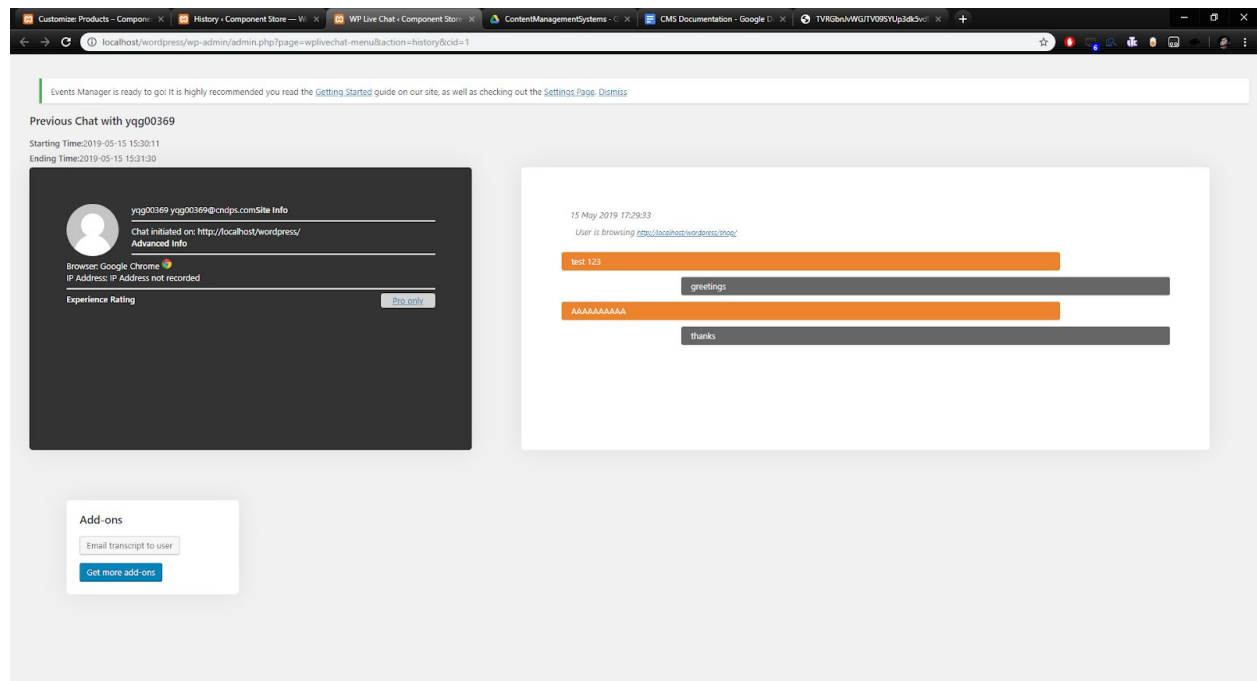




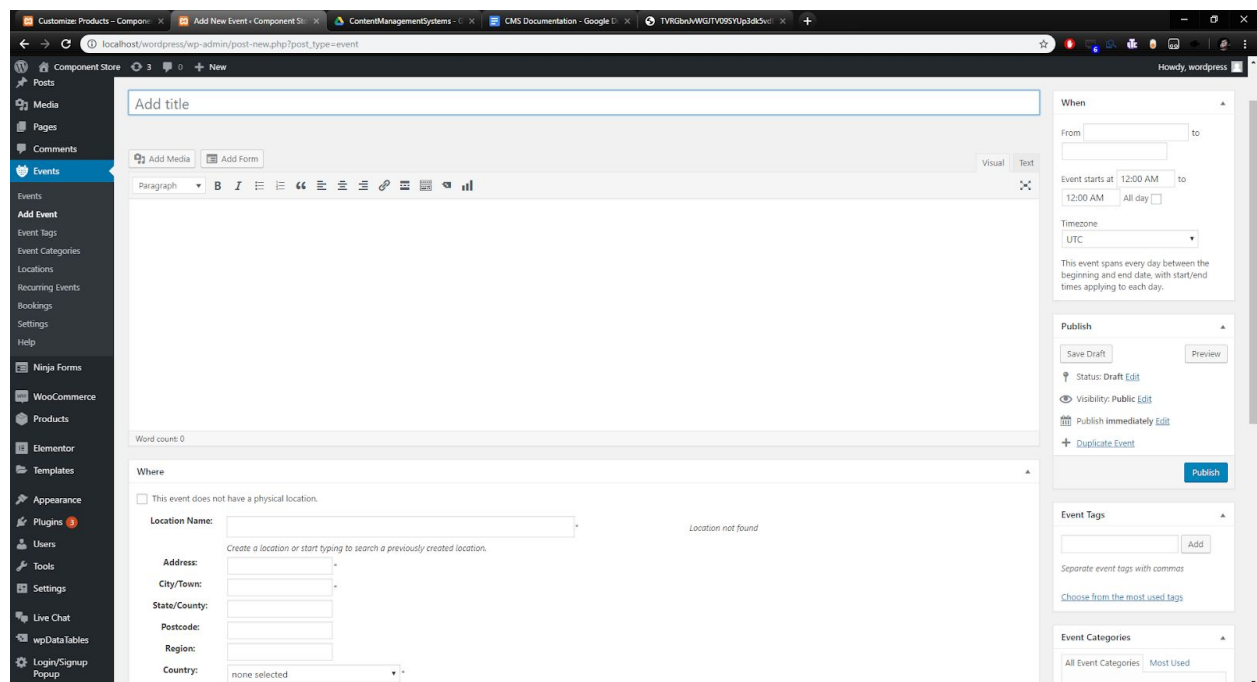
6. The users are able to see and buy products thanks to a plugin called woocommerce. This plugin allows you so simply add products to a database and then simply display them on your website.



As a live chat the plugin WP Live Chat Support was used. This plugin allowed for easy integration of a live chat with the website that was not intrusive to the user. This plugin also stores the chat history if an issue occurs and you need to access a chat window again.

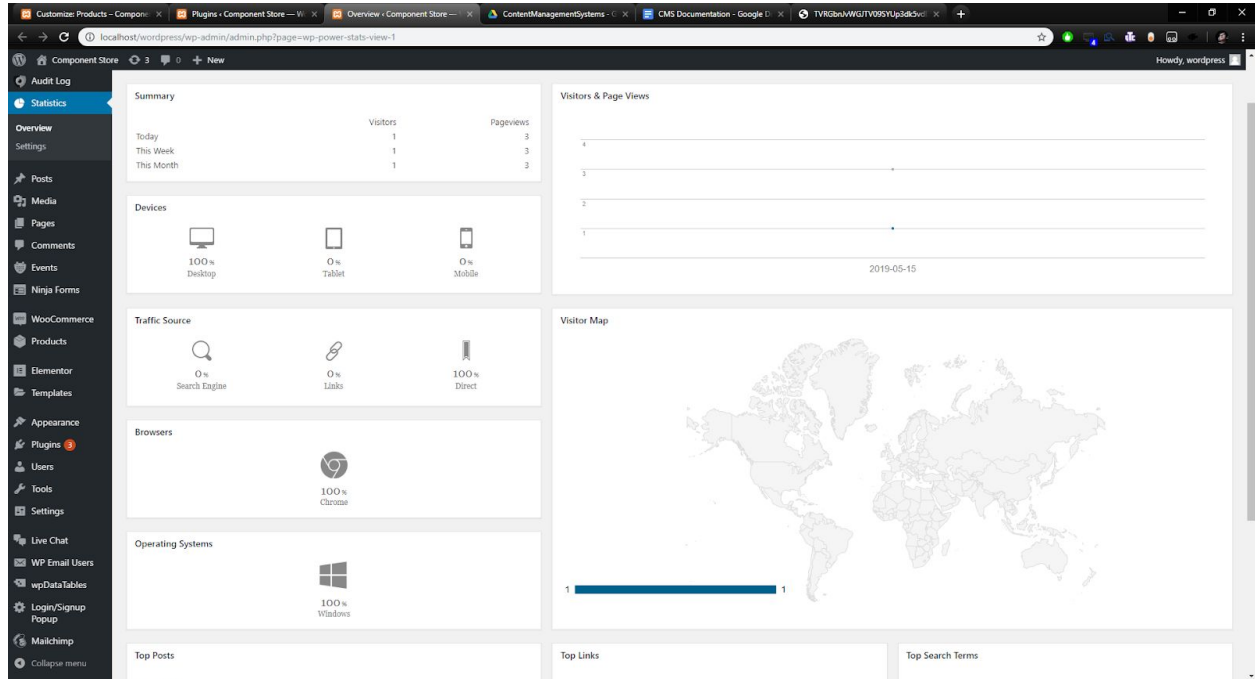


For events, a plugin called events manager was used. This plugin allowed for easy creation of events inside our website.






7. Non functional requirements plugins that were used include wp power stats which gives you statistics of users accessing the website and from which country. This plugin also included information such as which platform was being used and on which browser the user was viewing the website.



Another plugin called wp Security Audit Log. This plugin shows all of the actions that are taken on the website. This can be a user going to different pages or logging in and an admin making ges to the website.

2101	05-15-2019 3:42:06,091 PM	wordpress Administrator, Superadmin	1	Viewed the published page titled Contact Us. URL is: http://localhost/wordpress/contact-us/. View the post.
9073	05-15-2019 3:42:43,132 PM	wordpress Administrator, Superadmin	1	Viewed the published product page 6GB Asus NVIDIA GeForce RTX2060 ROG Strix OC GDDR6 PCIe3.0 VR Ready Video Card. View the product: http://localhost/wordpress/wp-admin/post.php?post=12&action=edit
2002	05-15-2019 3:42:35,261 PM	wordpress Administrator, Superadmin	1	Modified the published page titled Contact Us. URL is: http://localhost/wordpress/contact-us/. View the post.
2001	05-15-2019 3:42:32,982 PM	wordpress Administrator, Superadmin	1	Published a page titled Contact Us. URL is: http://localhost/wordpress/contact-us/. View the post.
2000	05-15-2019 3:41:20,947 PM	wordpress Administrator, Superadmin	1	Created a new page titled Contact Us and saved it as draft. View the post.
5001	05-15-2019 3:38:43,615 PM	wordpress Administrator, Superadmin	1	Activated the plugin Ninja Forms installed in F:\CMS\WordPress\XAMPP\htdocs\wordpress/wp-content/plugins/ninja-forms/ninja-forms.php.
5000	05-15-2019 3:36:21,363 PM	wordpress Administrator, Superadmin	1	Installed the plugin Ninja Forms in F:\CMS\WordPress\XAMPP\htdocs\wordpress/wp-content/plugins/.
5002	05-15-2019 3:32:51,211 PM	wordpress Administrator, Superadmin	1	Deactivated the plugin JSON Content Importer installed in F:\CMS\WordPress\XAMPP\htdocs\wordpress/wp-content/plugins/json-content-importer/json-content-importer.php.
1000	05-15-2019 3:30:03,458 PM	jag00393 Customer	1	Successfully logged in.
1003	05-15-2019 3:29:51,314 PM	System	1	1 failed login(s) detected using non existing user. Download the log file.
5001	05-15-2019 3:28:32,209 PM	wordpress Administrator, Superadmin	1	Activated the plugin WP Live Chat Support installed in F:\CMS\WordPress\XAMPP\htdocs\wordpress/wp-content/plugins/wp-live-chat-support/wp-live-chat-support.php.
5000	05-15-2019 3:14:37,848 PM	wordpress Administrator, Superadmin	1	Installed the plugin WP Live Chat Support in F:\CMS\WordPress\XAMPP\htdocs\wordpress/wp-content/plugins/.
2101	05-15-2019 3:05:30,860 PM	wordpress Administrator, Superadmin	1	Viewed the published page titled Cart. URL is: http://localhost/wordpress/cart/. View the post.
1001	05-15-2019 3:05:17,770 PM	jag00393 Customer	1	Successfully logged out.
2101	05-15-2019 3:05:10,466 PM	jag00393 Customer	1	Viewed the published page titled Checkout. URL is: http://localhost/wordpress/checkout/. View the post.
2101	05-15-2019 3:05:07,766 PM	jag00393 Customer	1	Viewed the published page titled Cart. URL is: http://localhost/wordpress/cart/. View the post.
1000	05-15-2019 3:03:17,379 PM	jag00393 Customer	1	Successfully logged in.

The plugin AddToAny was used to add the functionality to allow sharing of items to social media.



8GB Gigabyte NVIDIA GeForce RTX2070 Windforce Turing GDDR6 PCIe3.0 Ray-Tracing Video Card

€599.00

8GB Gigabyte NVIDIA GeForce RTX2070 Windforce Turing GDDR6 PCIe3.0 Ray-Tracing Video Card

1 [Add to cart](#)

Category: [Graphics Cards](#)  
Tags: [Graphics Card](#), [RTX2070](#)

[f](#)
[t](#)
[e](#)
[d](#)
[w](#)
[+](#)

Post a Tweet on Twitter - Google Chrome

https://twitter.com/intent/tweet?text=8GB%20Gigabyte%20NVIDIA%20GeFor...

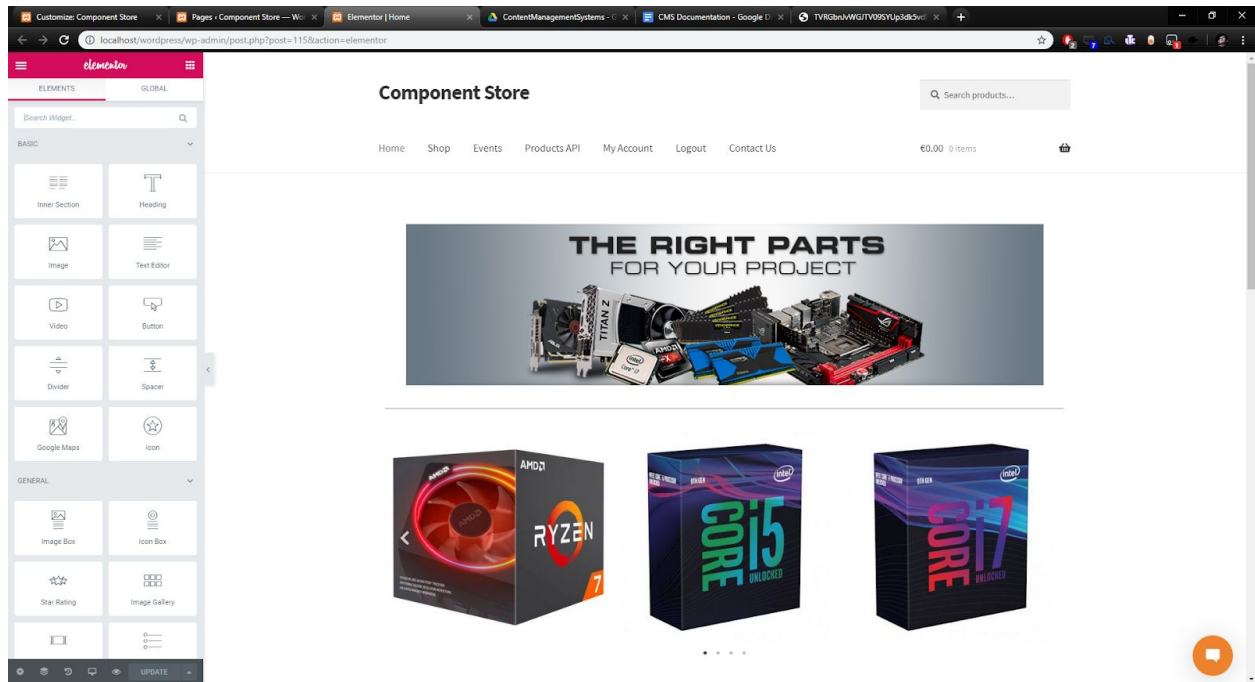
Galearyan

What's happening?

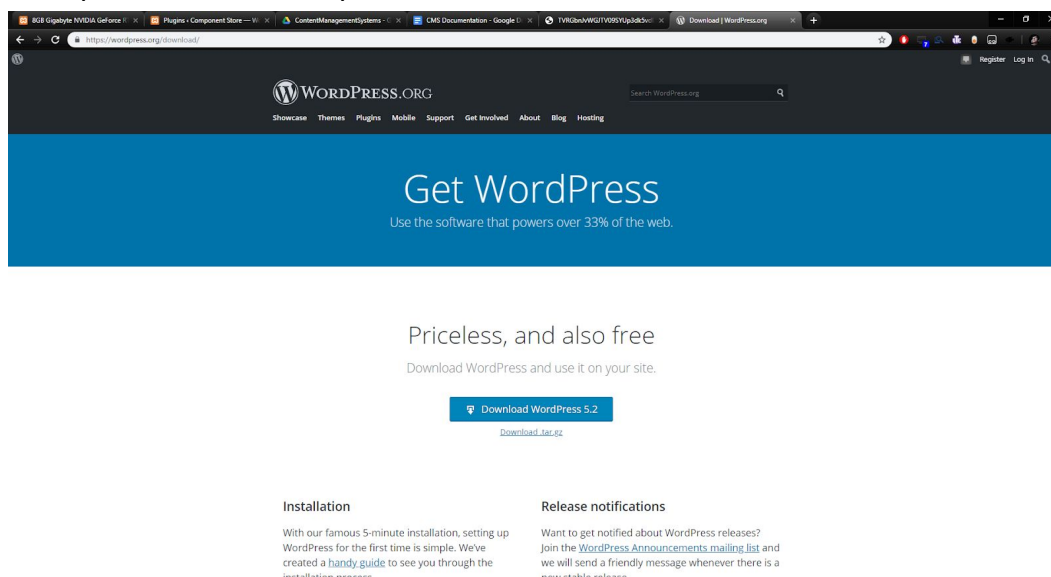
8GB Gigabyte NVIDIA GeForce RTX2070 Windforce Turing GDDR6 PCIe3.0 Ray-Tracing Video Card <http://localhost/wordpress/product/8gb-gigabyte-nvidia-geforce-rtx2070-windforce-turing-gddr6-pcie3-0-ray-tracing-video-card/>

[Tweet](#)




















Another plugin called elementor was used to build the homepage. This plugin made it simpler to add objects to the page such as an image carousel.



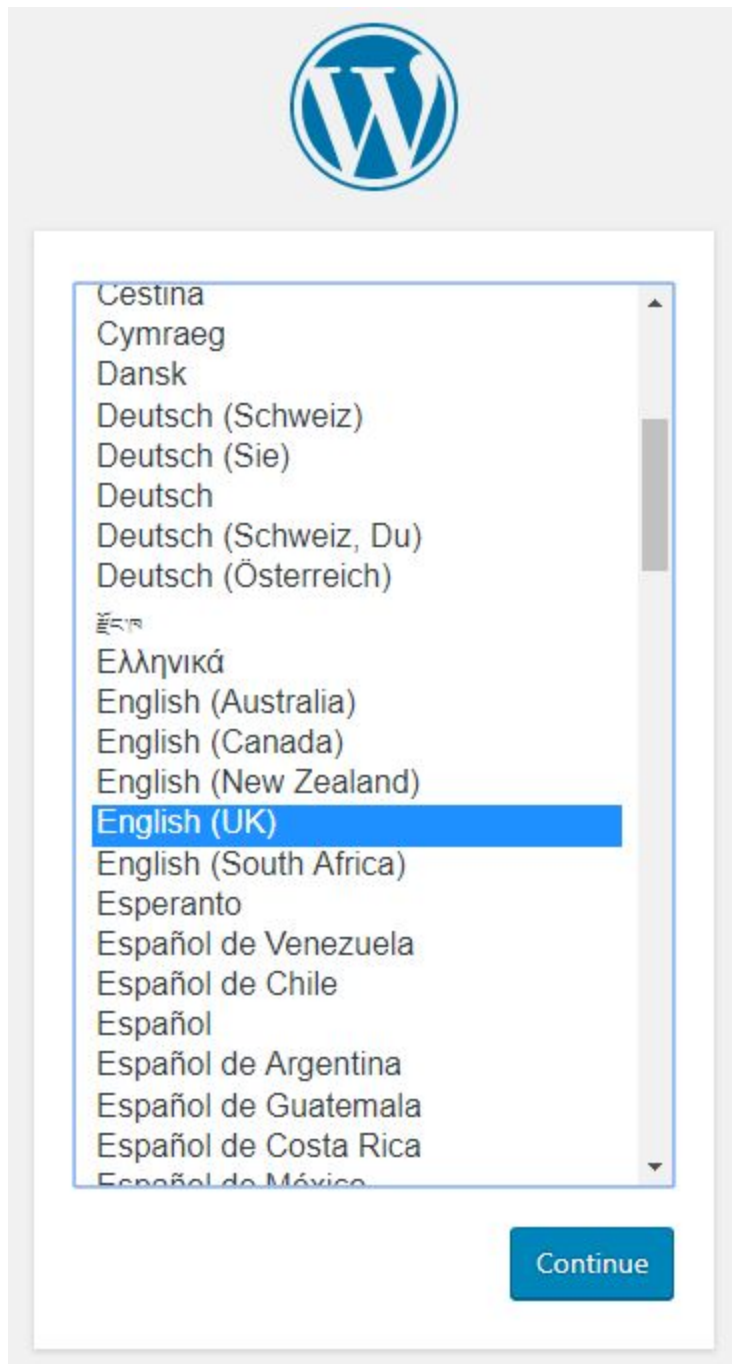
## 8. Step 1, Download wordpress



Step 2, Extract the content of the folder in your htdocs folder.

View				
PC > Freedom (F:) > CMSWordpress > XAMPP > htdocs > tutorial				
Name	Date modified	Type	Size	
 wp-admin	16/05/2019 01:44	File folder		
 wp-content	16/05/2019 01:44	File folder		
 wp-includes	16/05/2019 01:45	File folder		
 index.php	01/12/2017 00:11	PHP File	1 KB	
 license.txt	01/01/2019 21:37	Text Document	20 KB	
 readme.html	09/04/2019 00:59	Chrome HTML Do...	8 KB	
 wp-activate.php	12/01/2019 07:41	PHP File	7 KB	
 wp-blog-header.php	01/12/2017 00:11	PHP File	1 KB	
 wp-comments-post.php	21/01/2019 02:34	PHP File	3 KB	
 wp-config-sample.php	08/01/2019 05:30	PHP File	3 KB	
 wp-cron.php	09/01/2019 09:37	PHP File	4 KB	
 wp-links-opml.php	16/01/2019 06:29	PHP File	3 KB	
 wp-load.php	01/12/2017 00:11	PHP File	4 KB	
 wp-login.php	16/04/2019 00:39	PHP File	39 KB	
 wp-mail.php	01/12/2017 00:11	PHP File	9 KB	
 wp-settings.php	28/03/2019 20:04	PHP File	19 KB	
 wp-signup.php	16/01/2019 17:51	PHP File	31 KB	
 wp-trackback.php	01/12/2017 00:11	PHP File	5 KB	
 xmlrpc.php	17/08/2018 03:51	PHP File	3 KB	

Step 3, Go to localhost/wordpress and then select a language



## Step 4, Click on the let's go button

Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a `wp-config.php` file. **If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`.** Need more help? [We got it.](#)

In all likelihood, these items were supplied to you by your Web Host. If you don't have this information, then you will need to contact them before you can continue. If you're all ready...

Let's go!

## Step 5, Insert your database details

Below you should enter your database connection details. If you're not sure about these, contact your host.

<b>Database Name</b>	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
<b>Username</b>	<input type="text" value="username"/>	Your database username.
<b>Password</b>	<input type="text" value="password"/>	Your database password.
<b>Database Host</b>	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost doesn't work.
<b>Table Prefix</b>	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

Submit



Step 6, Enter your detail and press install wordpress

## Information needed

---

Please provide the following information. Don't worry, you can always change these settings later.

**Site Title**

**Username**

Username can have only alphanumeric characters, spaces, underscores, hyphens, periods and the @ symbol.

**Password, twice**

A password will be automatically generated for you if you leave this blank.

Strength indicator

Hint: The password should be at least seven characters long. To make it stronger, use upper and lower case letters, numbers and symbols like ! " ? \$ % ^ & ).

**Your E-mail**

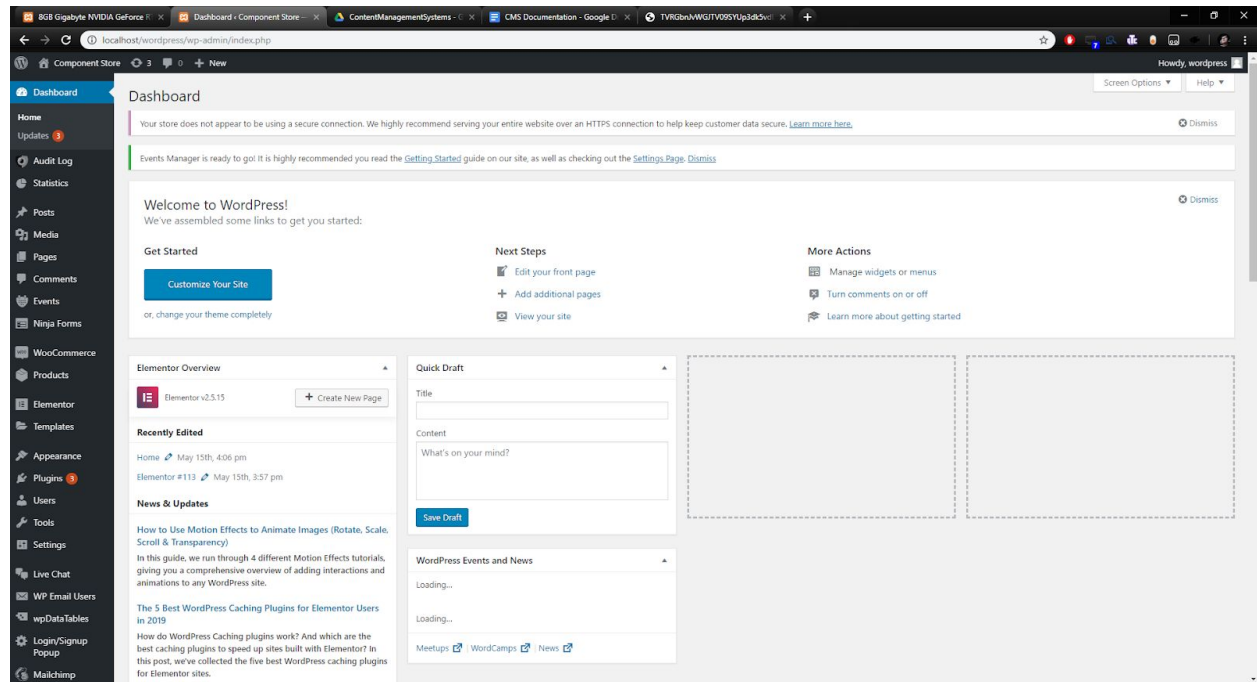
Double-check your email address before continuing.

**Privacy**

☒ Allow search engines to index this site.

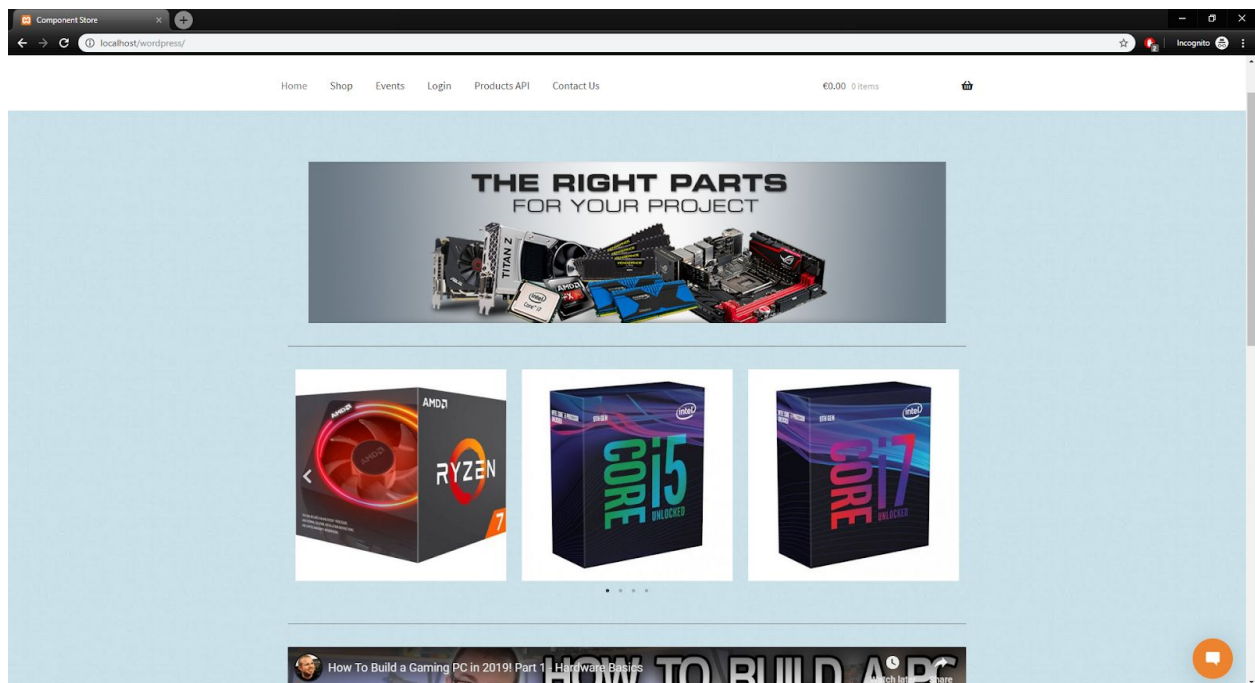
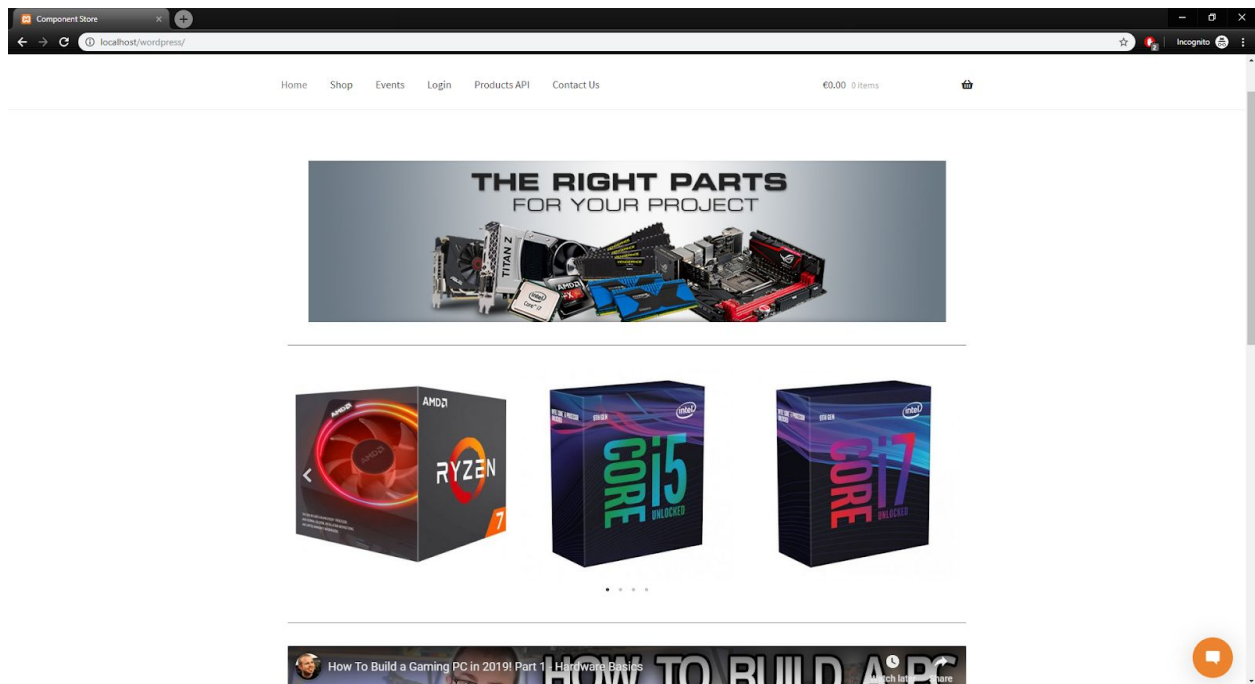
Install WordPress

Step 7, Login your website with the details you just entered.  
You should now be greeted with the wordpress dashboard





9. / 13. 1) Changed background of website to a light blue image.



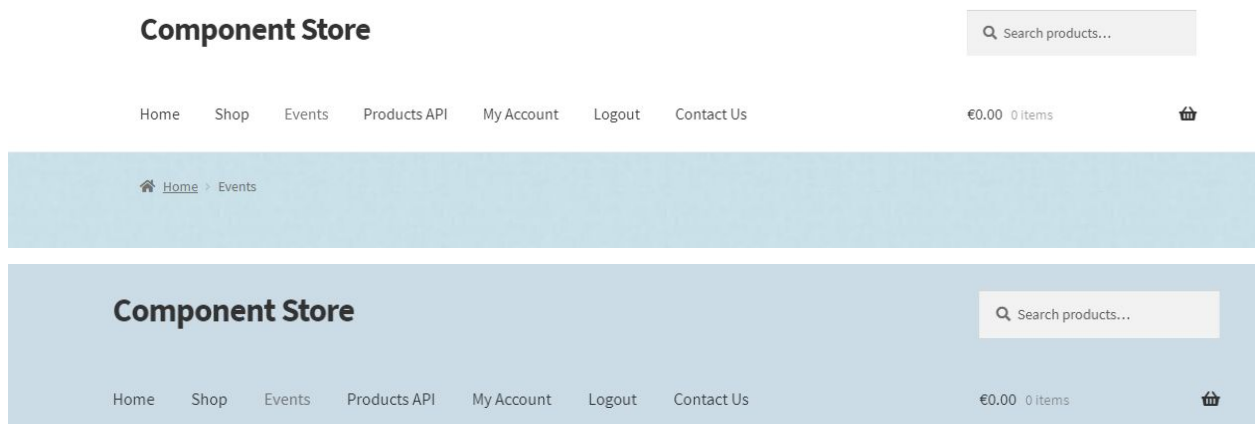
```
body{  
  background-image: url(https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSD41KSc1R3z8pww190TskoJUb3Fr0HfFIqdnZX3vxzBvv7XtAYuQ);  
}
```

2) Changed the page titles to bold



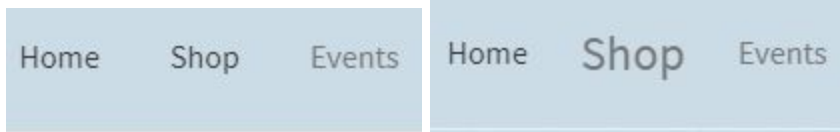
```
h1.entry-title{
  font-weight: bold;
}
h1.woocommerce-products-header__title.page-title{
  font-weight: bold;
}
```

3) Changed the colour of the header



```
header#masthead.site-header{
  background-color: RGB(204, 220, 230);
}
```

4) Added small text animation on hover of navbar menu



```
.primary-navigation a:hover {  
  transform: scale(1.5);  
}
```

5) Spaced the event table properly

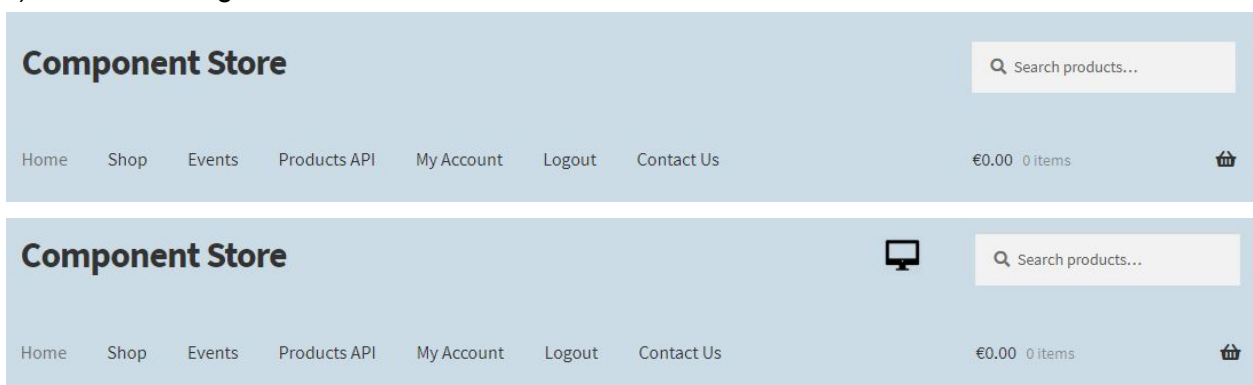
Date/Time	Event
31/05/2019 - 02/06/2019 12:00 am	<a href="#">Summer Sale</a>

Date/Time	Event
31/05/2019 - 02/06/2019 12:00 am	<a href="#">Summer Sale</a>

```
.css-events-list table.events-table th.event-time{  
  width: 30%;  
}
```

6) Added an image next to the title







```

.site-branding .site-title {
  background-image: url(https://cdn4.iconfinder.com/data/icons/small-black-v2/512/computer_desktop_monitor_pc_screen-512.png);
  background-size: 35px;
  background-repeat: no-repeat;
  background-position: right;
}
@media (max-width: 500px){
  .site-branding .site-title {
    background-image: none;
  }
}

```

7) Changed the look of buttons to have a rounded edge

 <p>AMD Ryzen 7 2700X AM4 8 Core 3.7GHz CPU with RGB Wraith Prism Cooler</p> <p>€359.00</p> <p>Add to cart</p>	 <p>Asus TUF Z390-Plus Gaming Intel Z390/S1151/DDR4/SATA3/Dual M.2/PCIe3.0 ATX Motherboard</p> <p>€189.00</p> <p>Add to cart</p>
 <p>AMD Ryzen 7 2700X AM4 8 Core 3.7GHz CPU with RGB Wraith Prism Cooler</p> <p>€359.00</p> <p>Add to cart</p>	 <p>Asus TUF Z390-Plus Gaming Intel Z390/S1151/DDR4/SATA3/Dual M.2/PCIe3.0 ATX Motherboard</p> <p>€189.00</p> <p>Add to cart</p>

```

ul.products li.product .button{
  border-radius: 25px;
}

```

All changes done in css

```
body{
  background-image: url(https://encrypted-tbn0.gstatic.com/images?q=tbn:AND9GcSD4lKSc1R3z8pwwl90TskoJub3Fr0HffIqdnZX3vxzBvv7XtAYuQ);
}

h1.entry-title{
  font-weight: bold;
}
h1.woocommerce-products-header__title.page-title{
  font-weight: bold;
}

.primary-navigation a:hover {
  transform: scale(1.5);
}

.primary-navigation a:focus {
  outline-color: RGB(204, 220, 230);
}

header#masthead.site-header{
  background-color: RGB(204, 220, 230);
}

.css-events-list table.events-table th.event-time{
  width: 30%;
}

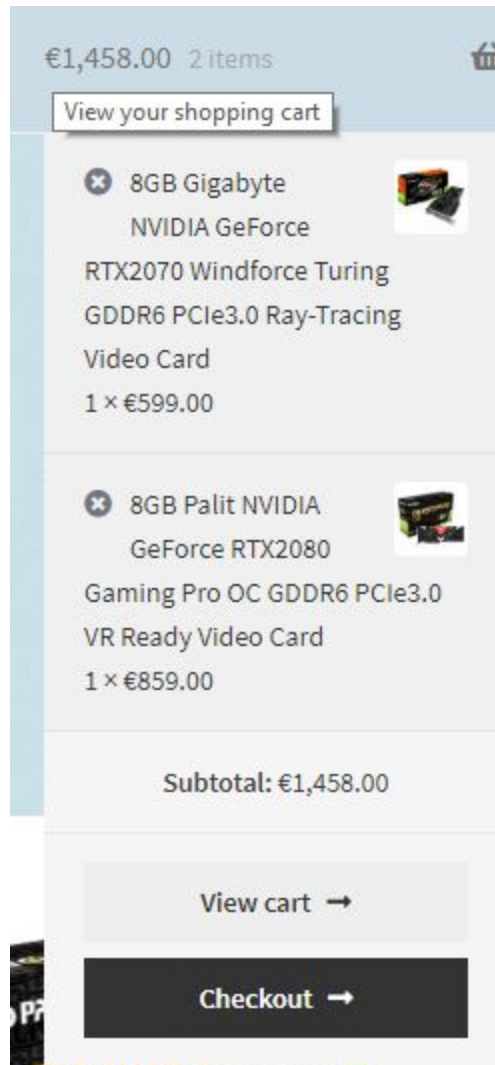
.site-branding .site-title {
  background-image: url(https://cdn4.iconfinder.com/data/icons/small-black-v2/512/computer_desktop_monitor_pc_screen-512.png);
  background-size: 35px;
  background-repeat: no-repeat;
  background-position: right;
}

@media (max-width: 500px){
  .site-branding .site-title {
    background-image: none;
  }
}

ul.products li.product .button{
  border-radius: 25px;
}
```

10. The theme had a plain background which meant that the background could be easily set to be consistent throughout the whole website. In this case the main colour for the website was blue.

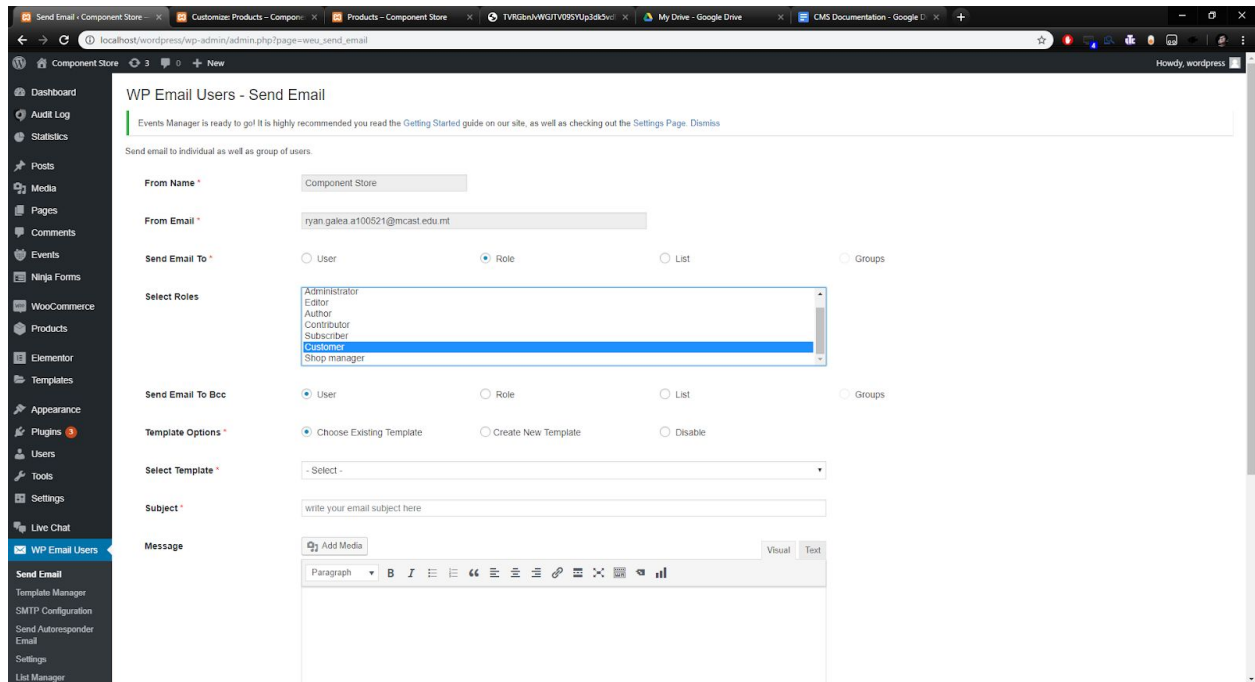
Home   Shop   Events   Products API   My Account   Logout   Contact Us



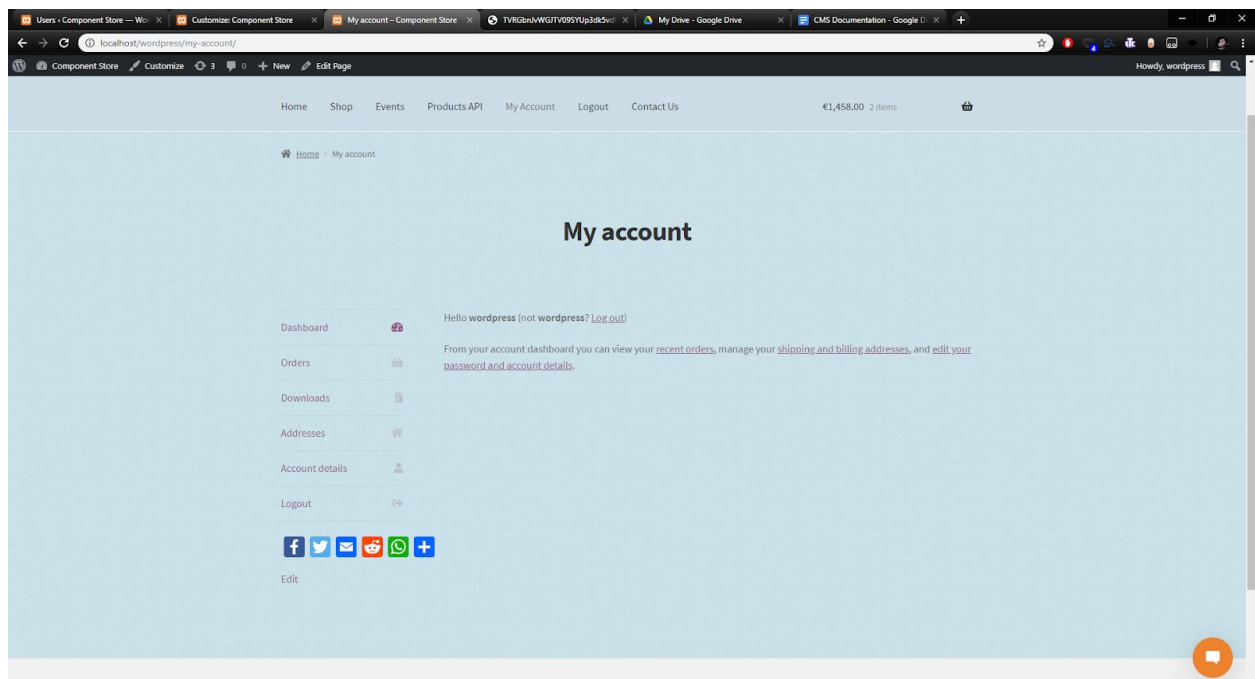
The menus used were the main navigation menu and the shopping cart was used to show items and go to checkout or cart pages.



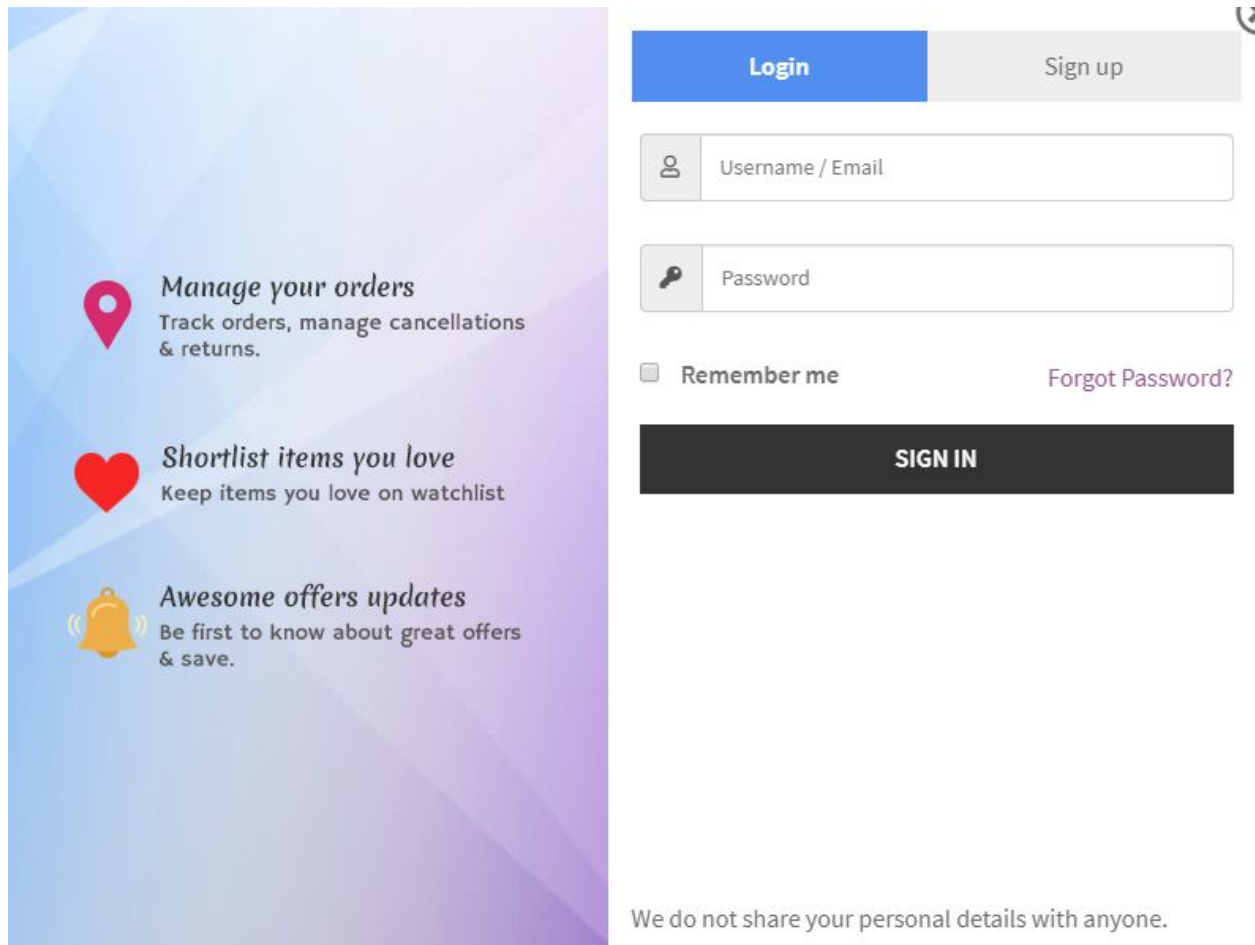
For user management, we have the ability to send emails either to a specific person or role. This allows to target different audiences with emails.



User were allowed to view their account details which includes most information needed by the user.



The website also has a login and register menu to allow the users to create and access their account



The image shows a user account management interface. On the left, a vertical panel with a blue-to-purple gradient background contains three feature highlights, each with an icon and text: a location pin for 'Manage your orders', a heart for 'Shortlist items you love', and a bell for 'Awesome offers updates'. On the right, a white panel contains a 'Login' button (highlighted in blue) and a 'Sign up' button (greyed out). Below these are input fields for 'Username / Email' and 'Password', each with a corresponding icon (person and key). There is a 'Remember me' checkbox and a 'Forgot Password?' link. A large black 'SIGN IN' button is positioned below the input fields. At the bottom of the white panel, a statement reads: 'We do not share your personal details with anyone.'

**Manage your orders**  
Track orders, manage cancellations & returns.

**Shortlist items you love**  
Keep items you love on watchlist

**Awesome offers updates**  
Be first to know about great offers & save.

**Login** Sign up

Username / Email

Password

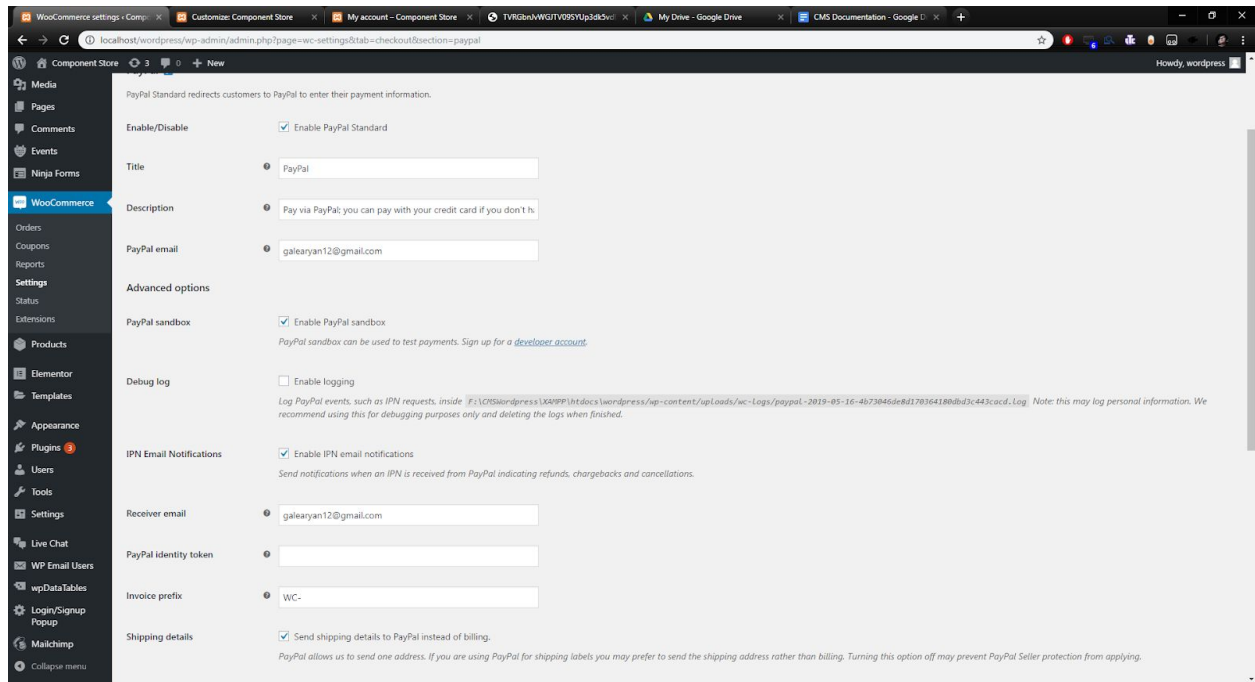
☐ Remember me [Forgot Password?](#)

**SIGN IN**

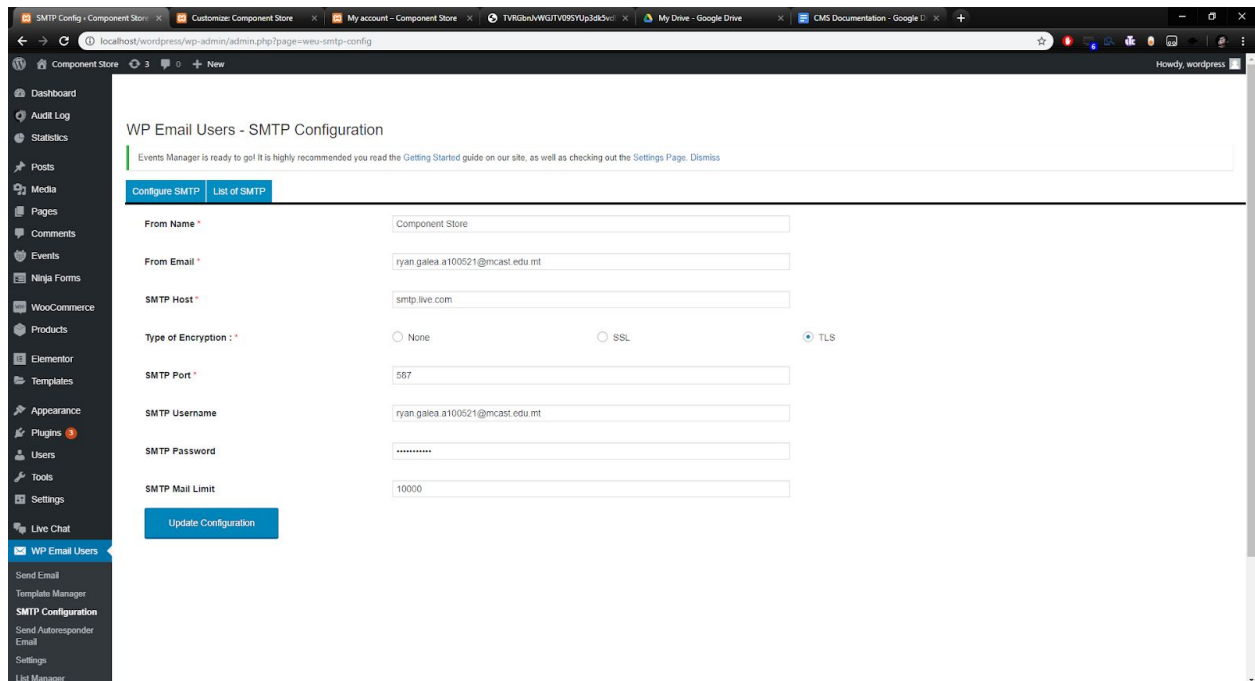
We do not share your personal details with anyone.



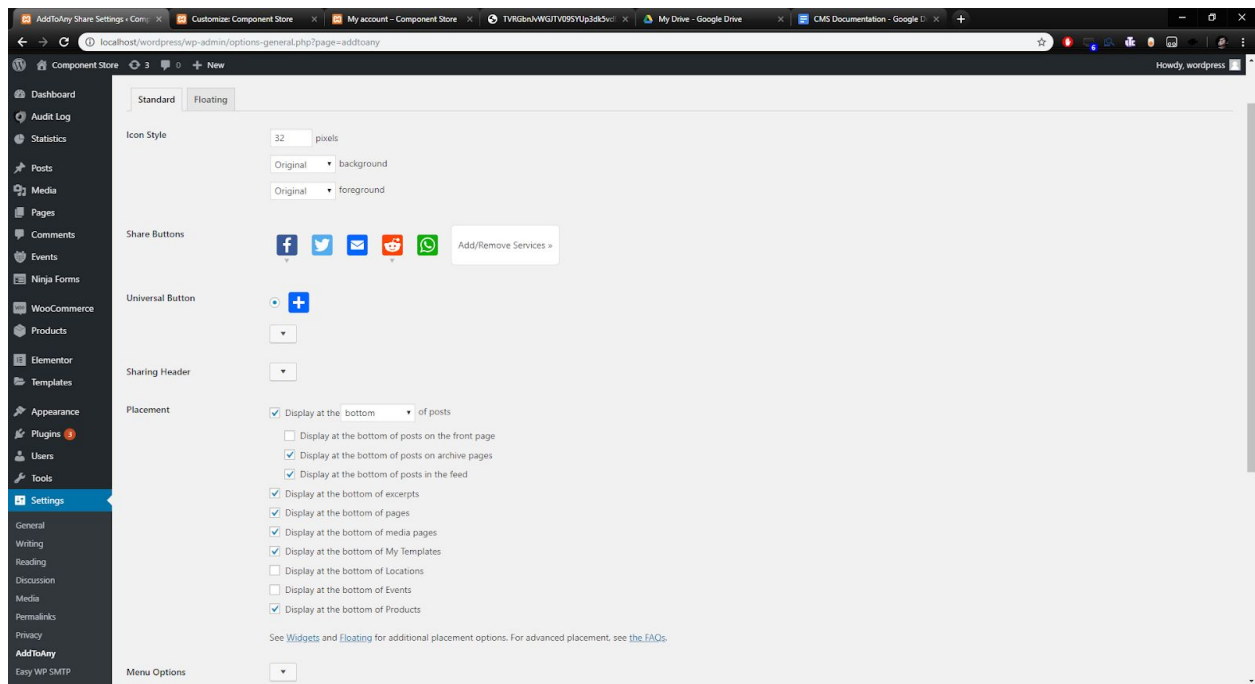
## 11) Paypal settings was changed to sandbox in woocommerce to allow the use of sandbox mode to test transactions



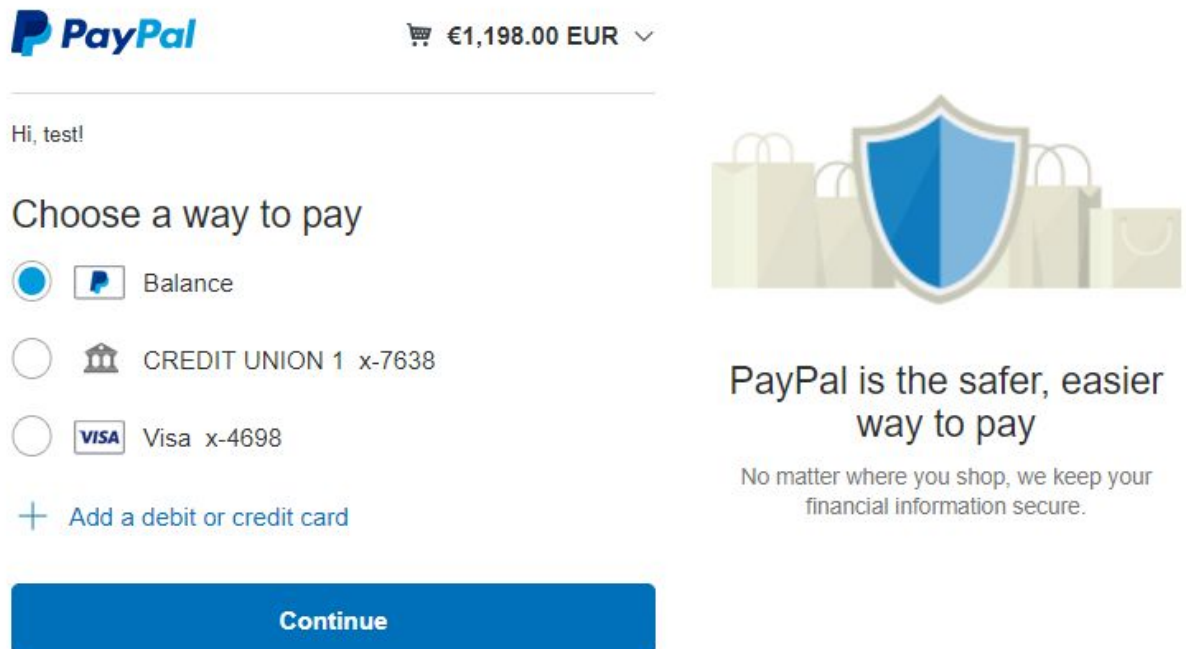
## SMTP Settings had to be changed to allow the sending of email to users.

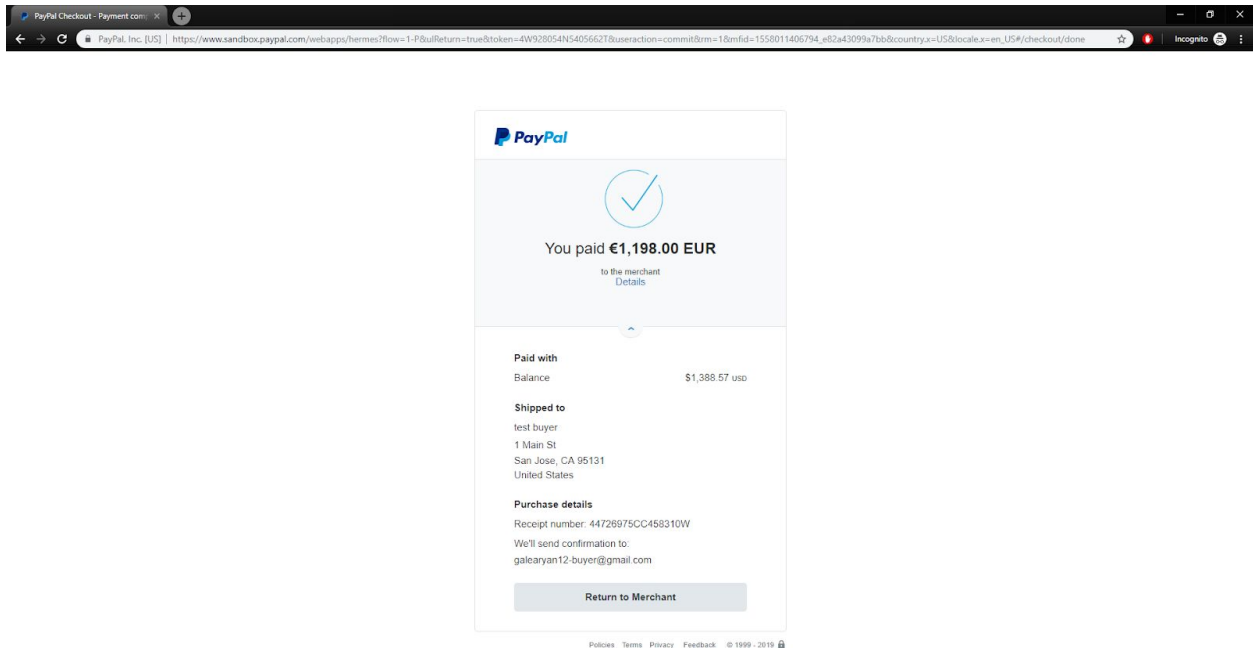


Setting were changed on the addtoany plugin to show the social media share buttons properly.

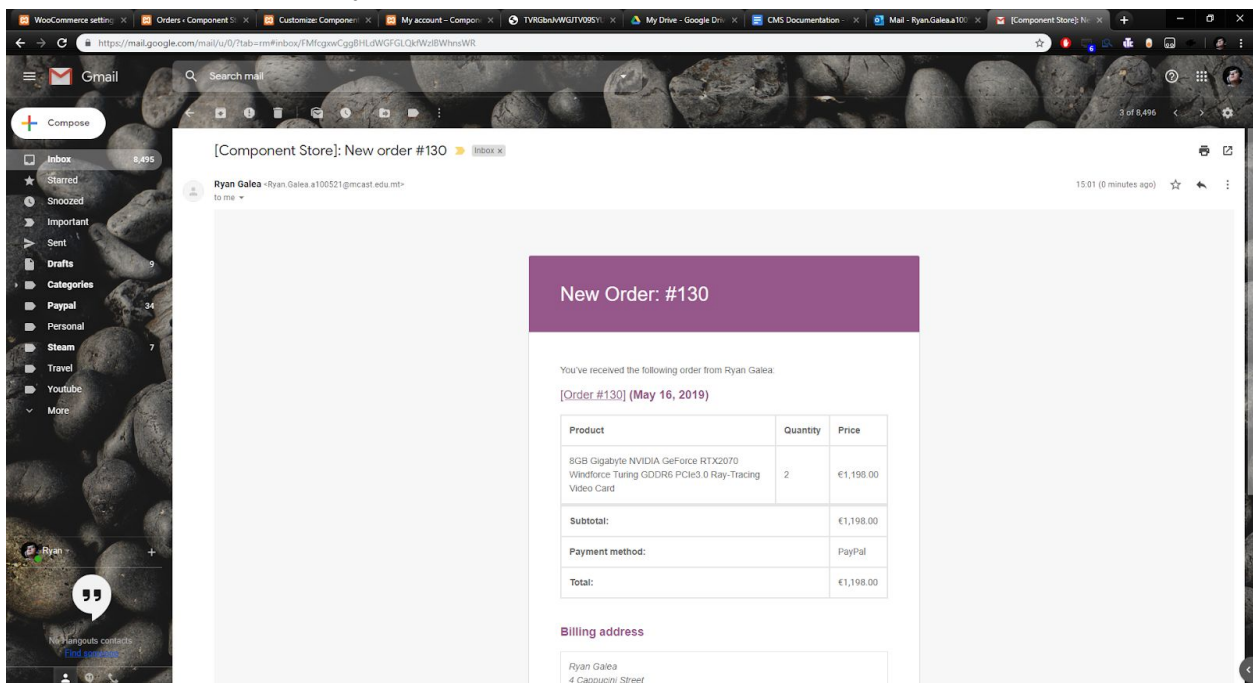


After going to checkout and logging into paypal, the user is redirected to his paypal menu





The seller is then notified by email



## 12) Shortcodes used

**[woocommerce\_cart]** Allows the user to view their cart.

**[wpdatatable id=1]** This shows the table with the data returned from the api. The json data is split and placed in tables accordingly.

**[ninja\_form id=1]** This shows the contact us form and allows the user to interact with it.

**[woocommerce\_my\_account]** Allows the user to view his account

**[wpum\_login\_form psw\_link="yes" register\_link="yes"]** Gives access to the login form or the registration form depending which the user needs

**[wpum\_register login\_link="yes" psw\_link="yes"]** Allows the user to register

**[woocommerce\_checkout]** Shows the user his checkout information.

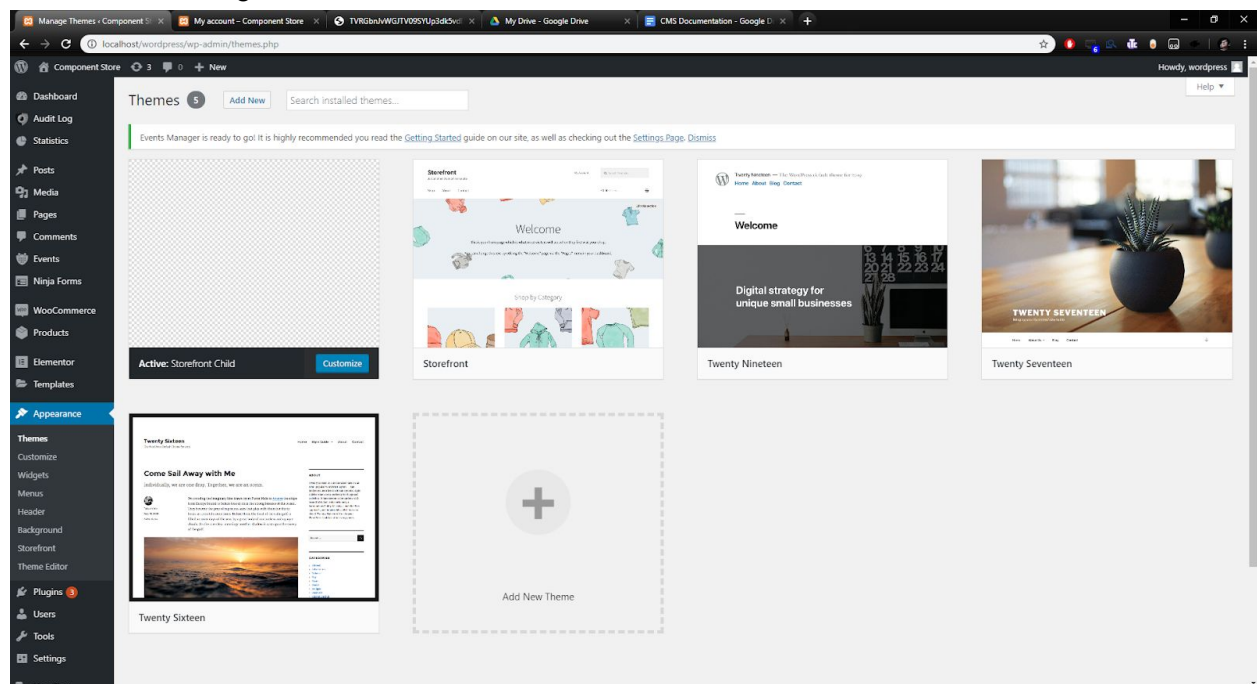
**[wpum\_password\_recovery login\_link="yes" register\_link="yes"]** Allows the user to reset his password.

## 13) Limitations:

Theme did not include a sidebar which meant not having any side menus to work with in this case.

Theme was very plain which meant you had to come up with different ways to make it look more lively.

Child Theme being used



My Drive - Google Drive

CMS Documentation - Google D...

localhost / 127.0.0.1 / wordpress

UpdraftPlus - Component Store

localhost/wordpress/wp-admin/options-general.php?page=updraftplus

Component Store

4

New

UpdraftPlus

Howdy, wordpress

Dashboard

Audit Log

Statistics

Posts

Media

Pages

Comments

Events

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## UpdraftPlus Backup/Restore

Events Manager is ready to go! It is highly recommended you read the [Getting Started](#) guide on our site, as well as checking out the [Settings Page](#). [Dismiss](#)

Welcome to UpdraftPlus! To make a backup, just press the Backup Now button. [To change any of the default settings of what is backed up, to configure scheduled backups, to send your backups to remote storage \(recommended\), and more, go to the settings tab.](#)

[UpdraftPlus.Com](#) | [Premium](#) | [News](#) | [Twitter](#) | [Support](#) | [Newsletter sign-up](#) | [Lead developer's homepage](#) | [FAQs](#) | [More plugins](#) - Version: 1.16.14

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### Next scheduled backups:

Files:

Nothing currently scheduled

Time now: Thu, May 16, 2019 14:21

Database:

Nothing currently scheduled

Backup Now

[Add changes files \(incremental backup\)...](#)

### Last log message:

The backup apparently succeeded and is now complete (May 16 14:22:32)

[Download most recently modified log file](#)

### Existing Backups 1

More tasks: [Upload backup files](#) | [Rescan local folder for new backup sets](#) | [Rescan remote storage](#)

<input type="checkbox"/>	Backup date	Backup data (click to download)	Actions
<input type="checkbox"/>	May 16, 2019 14:21	<div>DatabasePluginsThemesUploadsOthers</div>	<div>RestoreDeleteView Log</div>

Actions upon selected backups: 

DeleteSelect allDeselect

Use ctrl / cmd + press to select several items