Veronique’s Full Stack Project Creature Comforts

Testing

\*note: In this document, CC refers to Creature Comforts.

## Python and Django

## I relied on PyCharm to help me format and indent my Python code accordingly.

*Resource: https://www.jetbrains.com/help/pycharm/editor-guided-tour.html*

## Additionally, the Creature Comforts project and modules were constantly tested while in a development environment with Django's debug mode (in settings: Debug=True).

## The Debug mode is a massive perk while in development, as to refer to the Django documentation itself.

## Direct quote from the documentation below: (*https://docs.djangoproject.com/en/2.1/ref/settings/#std:setting-DEBUG*):

## One of the main features of debug mode is the display of detailed error pages. If your app raises an exception when DEBUG is True, Django will display a detailed traceback, including a lot of metadata about your environment, such as all the currently defined Django settings (from settings.py).

## JavaScript, CSS & HTML Validation

To the best of my ability, I conducted and documented tests to ensure that all of my website’s functionality work well, while taking in account the user stories.

* [CSS Validation Service](http://jigsaw.w3.org/css-validator/)
* I ensured my CSS had no typos, errors or incorrect uses using The CSS Validation service.
* I also verified that all DOM elements were readable and easily accessible (i.e. no small links or buttons) on all viewports.
* [JSHINT](https://jshint.com/about/)
  + I used JSHINT to pinpoint any bug or typo in my scripts.
* [Nu Html Checker](https://validator.w3.org/nu/about.html)
  + I used the Nu checker to catch unintended mistakes in my Html documents, such as stand-alone tags.

## Website Responsiveness

#### Viewport Meta Tag in base.html

<meta name="viewport" content="width=device-width, initial-scale=1.0">

#### Overall Responsiveness and browser compatibility

This website has been tested on multiple devices and browsers to ensure utmost responsiveness. I have also used the website [Browserling](https://www.browserling.com/) (<https://www.browserling.com/>) for that purpose.

## Error handling

1. A 404 error is returned by a web server (the machine where a website is hosted) when it cannot find the page requested. This error is often due to an incorrect or non-existent URL. I integrated a custom error 404 page to the project in order to direct visitors back to the home page should they encounter this specific issue. However, the website is conceived in a way that encourages visitors to use the website features and navigation options.
2. Error 500  
   The 500 Internal Server Error is a very general HTTP status code that means something has gone wrong on the website’s server. I integrated a custom error 500 page to the project in order to direct visitors back to the home page should they encounter this specific issue.

## \* \* \* \* \* \* \* \* \* \*

## Navigation

Tested:

* Navigation bar display
* Local links: Home, Login, Register, Profile, Logout, Blog, Shop, Cart
* Search feature (collapsible and inline)
* on small viewports (mobile phone)
* on medium viewports (iPad)
* on big viewports (laptop)

1. The navigation bar at the top of the screen displays the Creature Comforts logo. If I click on it at any point while I am browsing, I am brought back to the home page.
2. When I visit the page using a large viewport, the navigation bar is at the top of the screen and displays the options available. A button displaying either ‘Account’ or my username indicates where I have to click for user-relevant options (login or register during my first visit).
3. While visiting using my smartphone, the navigation bar is triggered when I click on the ellipse button menu at the top-right of the screen. The user-related options are presented separately in the collapsible menu.
   1. The ellipse button changes appearance to display an ‘X’ to make plain that I need to click on it to close the collapsed menu.

#### Elements affected by user status (logged in or not)

1. If I am logged in, the user options available in the navigation bar change: ‘Login’ and ‘Register’ are replaced by ‘Profile’ and ‘Logout’.
2. If I click on ‘Log Out’, an alert message advises me that I successfully logged out and I am brought back to the home page, from wherever I was on the website. The user-relevant are defaulted to ‘Login’ and ‘Register’.

### Footer

1. The footer is responsive, as are elements of the Creature Comforts website.
2. Its contents remain identical on all pages of the website. The only exception is that upon display of an illustration on the landing page, visible only on bigger viewports, there is an attribution given to Flaticon (https://www.flaticon.com).

#### Social media Icons

The social media icons provide external links to their related homepage.

Tested:

* + External link to GitHub (external link to the project’s repository)
  + External link to Twitter
  + External link to Tumblr
  + External link to Instagram

#### About (CC’S Concept) column

Tested:

* + Local link to About Page

#### FAQs column

Tested:

* + Local link to FAQs Page via all options displayed (Terms and Conditions; Privacy Policy; Promise to our Customers)

#### Contact Us column

Tested:

* + Local link to Contact Form
  + External link to GitHub (project repository)
  + External link to Nuagesdencre

## About Page (CC’S Concept)

Tested:

* Content and images are responsive

1. This page’s features are not affected by the visitor’ status (if user is logged or anonymous).
2. On this page, I am introduced to the concept of ‘Hygge’ and how it ties in with Creature Comforts. The purpose and functionality of the project are formulated here in a different way than on the landing (home) page.

## FAQs Page

Tested:

* Content and images are responsive

1. This page’s features are not affected by the visitor’ status (if user is logged or anonymous).
2. On this page, I have access to Creature Comforts’ general product and service information.
3. There is also a chart where the results of a customers’ response poll are displayed.
4. I can hover and click on that chart to see more details. The chart is responsive and I can view it on my laptop and my mobile phone.
5. Below the chart, there is a collapsible list presenting three options: Terms and Conditions, Privacy Policy and Our Promise to our Customers. By clicking on either of these, I can read more about them.

## Contact Page

Tested:

* User input: Required fields (Name; location; email address; message)
* Content and images are responsive

1. This page’s features are not affected by the visitor’ status (if user is logged or anonymous).
2. On this page, I can use a contact form to reach out to the webmaster.
3. The contact form’s fields have been manually tested with incorrect data to ensure relevance of the error messages.
4. An error message appears if the requirements for various fields are not met when I click the submit button (‘Done!’).
5. When I click the ‘Send your Message’ button, if the fields requirements have been met, the form’s inputted data is reset. A loading animation appears while the request is processed and the message being sent.
6. An on-screen alert confirms that my message has been sent. If there was a problem sending the message, an alert would populate with the error as a JSON string. I am redirected to Creature Comfort’s home page once I close the alert.
7. Provided I submitted a valid email address when filling the contact form, an auto-reply will be issued to my attention, thanking me for my feedback.

## Home page

Tested:

* Content and images are responsive
* Buttons and links are working

1. The landing page and the home page are one and the same.
2. I can access the home page at anytime by clicking on the logo at the top-left corner of the screen in the navigation bar.
3. If the home page is viewed on a big viewport, a loading screen will be displayed while the parallax loads. It takes less than a second.
4. When I access the home page, it displays a clear structure.
5. The first section shows the website’s title and a button inviting me to discover the Creature Comforts’ boxes. If I access the page using a big viewport, this first section is shown over a parallax image.
6. Scrolling down, I can see two introductory sections (box content and customer expectations) accompanied with pictures. They are visually different so I can see the sections’ delimitations easily.
7. The content of the website is responsive, so the components’ position changes according to the size of the viewport used.
8. Following those sections, there are testimonials displayed using an eclectic (but purposeful) selection of cards of different shapes, but following a matching black and white theme. I can review these to get an impression of what I can expect when I shop on CC.
9. Under the testimonial, I am invited to visit the blog section of CC to share my experience and advice. A button brings me directly to the main blog page.

## Blog section

#### Main page (View Topics)

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

1. The main blog page can be accessed via the top-screen navigation bar or the ‘View Topics’ button (read further).
2. The main blog page is entitled ‘Topics’.
3. I can see the page is divided in two: navigation options within the page and a list of topics.
4. The navigation options are limited to ‘View Topics’ and ‘Login to view more posting options’. They remain the same options as I view the available posts, topics and profiles as long as I don’t log in.
   1. The button ‘View Topics’ brings me back to this page as it is the main blog page.
5. The topics listed are in the form of cards. They show a title; a description; a button inviting me to ‘Read more’; a footer including the number of followers and posts.
6. If I click on a topic’s title or the ‘Read more’ button, I am brought to that topic’s detailed page.
7. Under the topics displayed, there is a link inviting me to report anything offensive or any issue to the webmaster. The link brings me to the contact form page.

##### While a visitor is logged in:

1. If I click on the link provided in the top-screen navigation bar while on the blog page, or using the link included in the internal navigation options displayed, once logged in successfully, I will be redirected to the main blog page. A confirmation message will appear at the top of my screen – it can be dismissed when I click on its ‘x’ icon.
2. The main blog page can be accessed via the top-screen navigation bar or the ‘View Topics’ button (read further).
3. The main blog page is entitled ‘Topics’.
4. I can see the page is divided in two: navigation options within the page and a list of topics.
5. The navigation options are: View Topics; My Profile; New Post; New Topic. They are presented as buttons. Under these options, there is a confirmation that I am logged in. My username is displayed in that confirmation.
   1. The button ‘View Topics’ brings me back to this page as it is the main blog page.
   2. The button ‘My Profile’ brings me back to my profile page (read further).
   3. The button ‘New Topic’ brings me where I can create a new Topic (read further).
   4. The button ‘New Post’ brings me where I can create a new Post (read further).
6. The topics listed are in the form of cards. They show a title; a description; a button inviting me to ‘Read more’; a footer including the number of followers and posts.
7. If I click on a topic’s title or the ‘Read more’ button, I am brought to that topic’s detailed page (read further).
8. Under the topics displayed, there is a link inviting me to report anything offensive or any issue to the webmaster. The link brings me to the contact form page.

#### Topics detailed page

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

1. I can access a topic’s detailed page by clicking on the topic’s title or by clicking on the ‘Read more’ button available on the main blog page.
2. The blog’s navigation options and link to the contact form remain the same as those displayed on the main blog page.
3. The topic’ detailed view shows: the topic title; the number of followers for the current topic; the posts recorded against that topic.
4. The posts are listed from newest to oldest, according to the date and time displayed.
5. The posts elements are: post author’s username; empty/white circular icon (only on big viewports); date and time of post creation; topic assigned to post; post content.
6. I can click on the post author’s username and access that user’s profile (read further).
7. I can click on the post’s assigned topic to access that topic’s detailed page. In the current scenario, this option is not relevant as I am exploring the detailed page already.
8. If I view the topic’s detailed page via a big viewport, I notice that all circular icons under the post author’s username are white/empty.

##### While a visitor is logged in:

1. If I click on the link provided in the top-screen navigation bar while on the current page (I will refer to it as page ‘CURRENT-TOPIC’) or using the link included in the internal navigation options displayed, once logged in successfully, I will be redirected to the page ‘CURRENT-TOPIC’. A confirmation message will appear at the top of my screen – it can be dismissed when I click on its ‘x’ icon.
2. I can access a topic’s detailed page by clicking on the topic’s title or by clicking on the ‘Read more’ button available on the main blog page.
3. The blog’s navigation options and link to the contact form remain the same as those displayed on the main blog page.
4. The topic’ detailed view shows: the topic title; a button allowing me to follow or unfollow the topic; the number of followers for the current topic; the posts recorded against that topic.
5. The posts are listed from newest to oldest, according to the date and time displayed.
6. The posts elements are: post author’s username; empty/white circular icon (only on big viewports); date and time of post creation; topic assigned to post; post content.
   1. If I have submitted a post for that topic, I have an option to delete the post by clicking on a red button (read further). I can easily see which posts are mine with this visual cue.
   2. On big viewports only, for the posts I submitted under the current topic, the circular icon under my username is shown as green. Posts submitted by other users display a white circular icon. I can easily pinpoint which posts are mine on the page with this visual cue.
7. I can click on the post author’s username and access that user’s profile (read further).
   1. If I have submitted a post for that topic and click on my own username, I will be directed to my profile page (read further).
8. I can click on the post’s assigned topic to access that topic’s detailed page. In the current scenario, this option is not relevant as I am exploring the detailed page already.

#### Profile page

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

I can access the profile page by clicking on a post author’s username.

* If I know the name of a user, I can type it in the address bar (although it is not encouraged or suggested anywhere on the website). For example: <https://ci-vero-fullstack.herokuapp.com/posts/auth/fizzbones> will bring me to user fizzbones’ profile page.
  + If I proceed to type in an incorrect URL or a non-existing username, I will be led to an error 404 message page.

Their profile page displays limited information.

I can see the user’s posting history along with his/her followed topics.

In the post history, under the post author’s username, there is an empty circle.

##### While a visitor is logged in:

The button ‘My Profile’ brings me back to my profile page.

I can view my own profile page and the profile page of other visitors.

I have access to all the profile information available (email address, twitter handle, website) if it was provided upon registration.

In the post history, under my username, there is circle filled with with a green colour. If I

#### Posts detailed page

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

I cannot access the post detailed page when I am browsing anonymously.

##### While a visitor is logged in:

## Shop section

#### Main page (View All Products)

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

* + - I. Lorem ipsum.
      1. Lorem ipsum.
      2. Lorem ipsum.

##### While a visitor is logged in:

#### Cart page

Tested:

* Content and images are responsive
* Buttons and links are working

##### While a visitor is anonymous:

* + - I. Lorem ipsum.
      1. Lorem ipsum.
      2. Lorem ipsum.

##### While a visitor is logged in:

#### Search results page

Tested:

* Content and images are responsive
* Buttons and links are working
  + This feature is not affected by the visitor’ status (if user is logged or anonymous).
  + I. I can access the search product feature via the navigation bar or the ‘Search’ button available on the repository’s page.

##### While a visitor is anonymous:

* + - I. Lorem ipsum.
      1. Lorem ipsum.
      2. Lorem ipsum.

##### While a visitor is logged in:

## User identification

#### Superuser and Admin Panel

Tested:

* Content is responsive
* Buttons and links are working
* Access is possible only for the superuser

#### Register

Tested:

* Content and images are responsive
* Buttons and links are working
  + I. On the register page, I need to provided a username, an email and a password (that I need to confirm) before clicking the ‘Register now’ button. There is a message reminding me that the fields are case-sensitive.
    - An error message appears if the requirements for various fields are not met when I click the submit button (‘Register now!’).
  + The registration form’s fields have been manually tested with incorrect data to ensure relevance of its error messages.
  + I.I. If I registered before, I can click on the link below the ‘Register now’ button to access the login page instead.
    1. Once registered, I am redirected to the login page, where I need to provide my email and password. (**refer to Login page below**)

#### Account and profile

Tested:

* Content and images are responsive
* Buttons and links are working

(The below information is identical to the one provided under the profile section of the blog).

#### Login

Tested:

* Content and images are responsive
  + Buttons and links are working

1. When I log in, I need to provide my email and password.
2. The login page displays a message reminding me that the fields are case-sensitive.
3. There are two other links under the login input fields: a link leading to the ‘register’ page and another leading to the ‘Forgot your password’ option.
4. If I click on either the link provided in the top-screen navigation bar or a login link displayed on any page other than ‘Login’ or ‘Register’ (I will refer to that page as ‘CURRENT-PAGE), once logged in successfully, I will be redirected to the page ‘CURRENT-PAGE’. A confirmation message will appear at the top of my screen – it can be dismissed when I click on its ‘x’ icon.
5. If I log in coming from the pages ‘Login’ or ‘Register’, I will be redirect to CC’s home page. Once logged in, I cannot return to the login or register pages anymore, even if I click the ‘previous’ arrow on my browser.

#### Logout

1. The logout option is only available in the top-screen navigation bar if I am logged in already.
2. If I click on ‘Log Out’, an alert message advises me that I successfully logged out and I am brought back to the home page, from wherever I was on the website.
3. The user-relevant options are reverted to those of an anonymous visitor (i.e. options in the top-screen navigation bar, etc.).

#### Password reset functionality

1. If I registered in the past but I have forgotten my password, I can access the reset password function via the login page.
2. I provide my email address and click on the ‘Send request’ button. Incorrect information will result in nothing being issued and no password request possible.
3. Once I click the ‘Send request’ button, I am redirected to the login page. A message appears at the top of the page to let me know my request has been processed and that the next steps will be emailed to me.
4. If I look in my email, I have a message with the title “Password Reset Request” with a link back to Amphora. I click on the link or copy it as suggested. This brings me to a Password reset page, where I need to enter a new password and confirm it.
5. Once the new password is submitted, I am redirected to the login page where a new message confirms my password has been reset successfully.
6. I can also contact the webmaster to request a password reset if I am having trouble with any of the previous steps. The webmaster can use the admin panel to provide assistance.