CS2007D-ENVIRONMENTAL STUDIES

PROJECT

Documentation

OVERVIEW

Given the current scenario where skincare and health are valued to a great extent, we are investing a lot in products that promote them. However, while it may not be visible, our choices affect the environment in more ways than one. While they seem like an insignificant decision for an individual, collectively, they leave an inerasable mark on the environment. Since the largest group in any market space is the consumer group, their lack of awareness is an invisible threat that needs to be addressed.

Problem Statement

Lack of awareness among consumers about the environmental impact caused by daily-use products such as skincare products.

Solution

A website for the purpose of providing ease of access to information about various products and their eco-friendly ratings.

Aim

To make it easier and more accessible for people to compare different daily-use products based on how environment-friendly they are. We hope to educate the consumer about the environmental effects of their decisions and help them make a more informed choice.

Technologies used

HTML, CSS and JavaScript.

Team Members

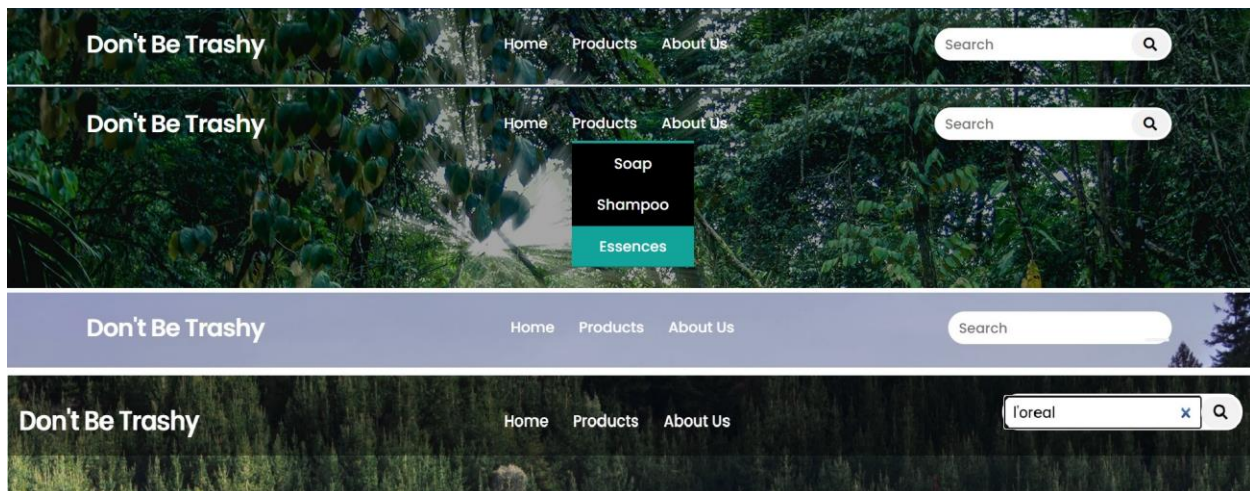|	
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COMPONENTS

Listed below are the components and code snippets of certain components of our website.

1. Navigation Bar

The navigation bar appears at the top of each webpage and provides an easy way to switch between the pages.

CODE :

```
<nav id="header">
        <div class="menu-icon">
        <span class="fas fa-bars"></span></div>
        <div class="logo">Don't Be Trashy</div>
        <div class="nav-items">
            <li><a href="index.html">Home</a></li>
            <li>
                <label for="btn-1" class="show"><h6>Products</h6></label>
                  <a href="#">Products</a>
                  <input type="checkbox" id="btn-1" class="hidden">
                  <ul>
                    <li><a href="#">Soap</a></li>
                    <li><a
href="/products_shampoos.html">Shampoo</a></li>
                    <li><a href="#">Panda</a></li>
                  </ul>
            </li>
            <li><a href="about_us.html">About Us</a></li>
        </div>
        <div class="search-icon">
```

```html
            <span class="fas fa-search"></span>
            </div>
            <div class="cancel-icon">
                <span class="fas fa-times"></span>
            </div>
            <form action="#">
                <input type="search" class="search-data"
placeholder="Search">
                <button type="submit" class="fas fa-search"></button>
            </form>
        </nav>
```

STYLING :

```css
#header{
    background: transparent;
    color: white;
    padding-top: 20px;
    cursor: default;
    height: 3.25em;
    left: 0;
    line-height: 3.25em;
  position: fixed;
    text-align: left;
    top: 0;
    width: 100%;
    z-index: 1;
}
@media screen and (max-width: 736px) {

            #header > a {
                padding: 0;
            }
        }
@media screen and (max-width: 980px) {

    body.subpage {
        padding-top: 44px;
    }

    #header {
        height: 44px;
        line-height: 44px;
    }

     display: flex;
  flex: 1;#header > h1 {
            left: 1em;
        }
```

```css
            #header > h1 a {
                font-size: 1em;
            }

}

@media screen and (max-width: 480px) {

    #header {
        min-width: 320px;
    }

}


/* Nav Bar*/
nav{
        background: rgba(0,0,0,0.9);
        display: flex;
        flex-wrap: wrap;
        align-items: center;
        justify-content: space-between;
        height: 100px;
        padding: 0 100px;
        line-height: 2em;
}

nav:after{
  content: '';
  clear: both;
  display: table;
}
nav .logo{
        float: left;
        color: #fff;
        font-size: 30px;
        font-weight: 600;
        letter-spacing: -1px;
}

nav .nav-items{

  padding: 0 0 0 40px;
  text-align: center;
  justify-content: center;
}
nav li{
  list-style: none;
```

```css
    padding: 0 15px;
}
nav li a{
  color: #fff;         /*rgb(255, 255, 255); */
  font-size: 18px;
  font-weight: 500;
  text-decoration: none;
}
nav li a:hover{
  color: rgb(71, 141, 136);
}

nav li ul{
      margin-top: -5px;
  position: absolute;
  top: 90px;
  border-top: 3px solid #12A49A;
  opacity: 0;
  visibility: hidden;
  transition: top .3s;
}

nav li:hover > ul{
  z-index: 1;
  top: 70px;
  opacity: 1;
  visibility: visible;
}

nav li ul li{
      background:black;
  position: relative;
  margin: 0px;
  width: 150px;
  float: none;
  display: list-item;
  border-bottom: 1px solid rgba(0,0,0,0.3);
}

nav li ul li a{
  line-height: 50px;
}

nav li ul li:hover{
      background:#12A49A;
}

nav li ul li a:hover{
      color:white;
```

```css
}

nav form{
  display: flex;
  height: 40px;
  padding: 2px;
  background: #fff;
  min-width: 18%;
  border-radius: 50px;
  border: 1px solid rgba(255,255,255,0.2);
}
nav form .search-data{
  width: 100%;
  height: 100%;
  padding: 0 10px;
  color: #000;
  font-size: 17px;
  border: none;
  font-weight: 500;
  background: none;
}
nav form button{
  padding: 0 15px;
  color: #000;
  font-size: 17px;
  background: #f2f2f2;
  border: none;
  border-radius: 50px;
  cursor: pointer;
}
nav form button:hover{
  background: #12A49A;
}
nav .menu-icon,
nav .cancel-icon,
nav .search-icon{
  width: 40px;
  text-align: center;
  margin: 0 50px;
  font-size: 18px;
  color: #fff;
  cursor: pointer;
  display: none;
}
nav .menu-icon span,
nav .cancel-icon,
nav .search-icon{
  display: none;
}
```

```css
@media (max-width: 1245px) {
  nav{
    padding: 0 50px;
  }
}
@media (max-width: 1000px){
  nav{
    padding: 0;
  }
  nav .logo{
    flex: 2;
    text-align: center;
    padding: 0 2px 0 2px;
    height: 120px;
    line-height: 30px;
  }
  nav .nav-items{
    position: fixed;
    z-index: 1;
    top: 70px;
    width: 100%;
    left: -100%;
    height: 100%;
    margin-top: 20px;
    padding: 0 10px 0 10px;
    text-align: center;
    background: rgba(0,0,0,0.95);
    display: inline-block;
    transition: left 0.3s ease;
  }
  nav .nav-items.active{
    left: 0px;
  }
  nav .nav-items li{
    line-height: 40px;
    margin: 20px 0;
  }

  nav .nav-items li a{
    font-size: 20px;
  }

  nav .nav-items li a:hover{
      color: #12A49A;
  }
  nav form{
    position: absolute;
    top: 60px;
    right: 5vw;
```

```css
    opacity: 0;
    pointer-events: none;
    transition: top 0.3s ease, opacity 0.1s ease;
  }
  nav form.active{
    top: 80px;
    opacity: 1;
    pointer-events: auto;
    z-index: 1;
  }

  nav .menu-icon{
    display: block;
    margin-top: 30px;
  }
  nav .search-icon,
  nav .menu-icon span{
    display: block;
    margin-top: -60px;
  }
  nav .menu-icon span.hide,
  nav .search-icon.hide{
    display: none;
  }
  nav .cancel-icon.show{
  display: block;
    margin-top: -50px;
  }
}

.show,.icon{
  display: none;
}

.hidden{
      position: absolute;
      opacity: 0;
}
.fa-plus{
  font-size: 15px;
  margin-left: 40px;
}


@media all and (max-width: 968px) {
      nav li ul{
    text-align: center;
    border-top: 0px;
    position: static;
```

```css
    display: none;
    opacity: 1;
    visibility: visible;
}

nav li ul li{
    margin-top:0 !important;
    margin-top:0 !important;
    text-align: center;
    padding: 0;
    left:-6%;
    background: black;
  border-bottom: 0px;
  width: 105vw;
  line-height: 80px;
}

nav li ul li a{
    right: 50%;
    color: white;
}
nav li ul li a:hover{
    color: white !important;
}


.show + a, ul{
  display: none;
}

.show{
  display: block;
  color: white;
  font-size: 18px;
  padding: 0 20px;
  line-height: 70px;
  cursor: pointer;
}

.show h6{
    font-weight: 500;
  line-height: 50px;
  padding-left: 8px;
  font-size: 20px;
}

.show h6:hover{
    color: #12A49A;
}
```
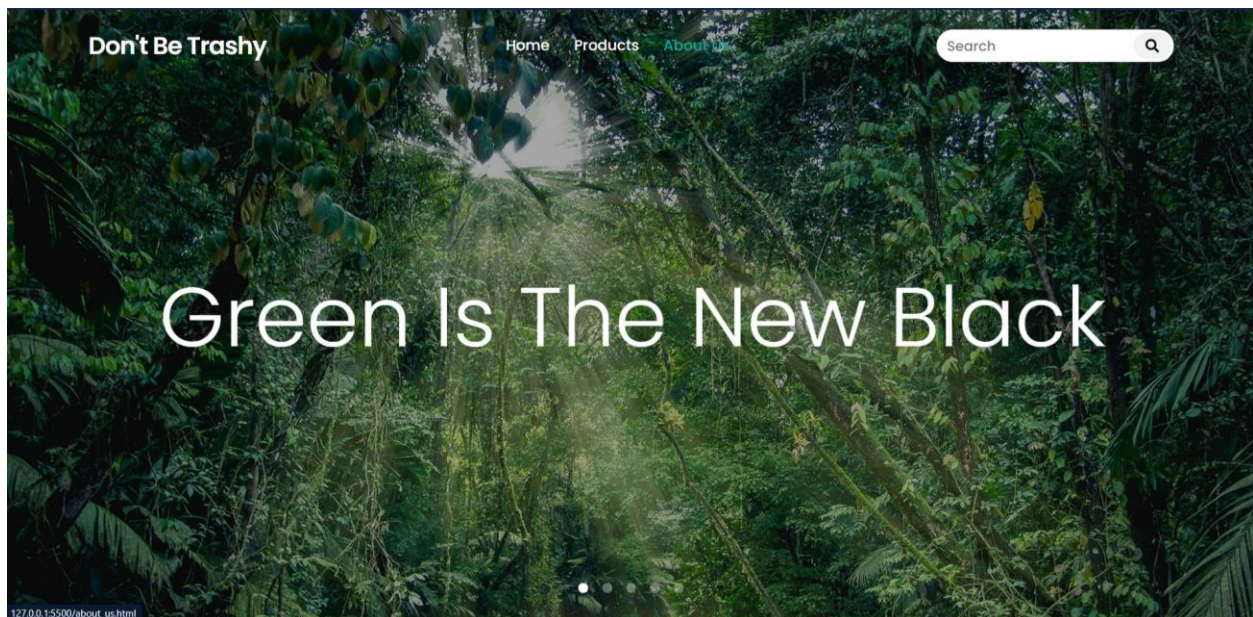
```
  [id^=btn]:checked + ul{
    display: block;
  }
  span.cancel:before{
    content: '\f00d';
  }
}
```

2. Banner (on homepage)

A slideshow of inspirational words and images of thriving nature. It is the centerpiece of our homepage.

CODE :

```
<section class="banner full">
     <article>
          <img src="images/img1.jpg" alt="" />
          <div class="inner">
               <header>
                     <h2>Green Is The New Black</h2>
               </header>
          </div>
     </article>
     <article>
          <img src="images/img2.jpg" alt="" />
```

```html
                <div class="inner">
                    <header>
                        <h2>Save the only planet that has
chocolate</h2>
                    </header>
                </div>
            </article>
            <article>
                <img src="images/img3.jpg"  alt="" />
                <div class="inner">
                    <header>
                        <h2>I Rule</h2>
                    </header>
                </div>
            </article>
            <article>
                <img src="images/img4.jpg"  alt="" />
                <div class="inner">
                    <header>
                        <h2>Green Is The New Black</h2>
                    </header>
                </div>
            </article>
            <article>
                <img src="images/img5.jpg"  alt="" />
                <div class="inner">
                    <header>
                        <h2>No</h2>
                    </header>
                </div>
            </article>
        </section>
```

STYLING :

```css
    .banner {
        background-color: #4e8a46;
        color: #e2d1df;
        padding: 8em 0;
        position: relative;
    }

        .banner a {
            color: #ffffff;
        }

        .banner strong, .banner b {
            color: #ffffff;
        }
```

```css
.banner h1, .banner h2, .banner h3, .banner h4, .banner h5,
.banner h6 {
        color: #ffffff;
}

.banner blockquote {
        border-left-color: rgba(255, 255, 255, 0.25);
}

.banner code {
        background: rgba(255, 255, 255, 0.075);
        border-color: rgba(255, 255, 255, 0.25);
}

.banner hr {
        border-bottom-color: rgba(255, 255, 255, 0.25);
}

.banner.full {
        padding: 0;
        min-height: 100vh;
        height: 100vh !important;
}

.banner.half {
        padding: 0;
        min-height: 50vh;
        height: 50vh !important;
}

.banner:after {
        -moz-pointer-events: none;
        -webkit-pointer-events: none;
        -ms-pointer-events: none;
        pointer-events: none;
        -moz-transition: opacity 1.5s ease-in-out, visibility 1.5s;
        -webkit-transition: opacity 1.5s ease-in-out, visibility
1.5s;
        -ms-transition: opacity 1.5s ease-in-out, visibility 1.5s;
        transition: opacity 1.5s ease-in-out, visibility 1.5s;
        background: #000000;
        content: '';
        display: block;
        height: 100%;
        left: 0;
        opacity: 0;
        position: absolute;
        top: 0;
```

```
            visibility: hidden;
            width: 100%;
            z-index: 2;
}

.banner .indicators {
            bottom: 1.5em;
            left: 0;
            list-style: none;
            margin: 0;
            padding: 0;
            position: absolute;
            text-align: center;
            width: 100%;
            z-index: 2;
}

      .banner .indicators li {
                cursor: pointer;
                display: inline-block;
                height: 2em;
                overflow: hidden;
                padding: 0;
                position: relative;
                text-indent: 2em;
                width: 2em;
        }

            .banner .indicators li:before {
                    background: rgba(255, 255, 255, 0.35);
                    border-radius: 100%;
                    content: '';
                    display: inline-block;
                    height: 0.8em;
                    left: 50%;
                    margin: -0.4em 0 0 -0.4em;
                    position: absolute;
                    text-indent: 0;
                    top: 50%;
                    width: 0.8em;
            }

            .banner .indicators li.visible:before {
                    background: #fff;
            }

.banner > article {
            -moz-transition: opacity 1.5s ease, visibility 1.5s;
            -webkit-transition: opacity 1.5s ease, visibility 1.5s;
```

```css
        -ms-transition: opacity 1.5s ease, visibility 1.5s;
        transition: opacity 1.5s ease, visibility 1.5s;
        background-attachment: fixed;
        background-position: center;
        background-repeat: no-repeat;
        background-size: cover;
        height: 100%;
        left: 0;
        opacity: 0;
        position: absolute;
        text-align: center;
        top: 0;
        visibility: hidden;
        width: 100%;
        z-index: 0;
}

    .banner > article:before {
        content: '';
        display: inline-block;
        height: 100%;
        vertical-align: middle;
    }

    .banner > article:after {
        content: '';
        display: block;
        width: 100%;
        height: 100%;
        position: absolute;
        top: 0;
        left: 0;
        background: #000;
        opacity: 0.35;
    }

    .banner > article .inner {
        position: relative;
        display: inline-block;
        vertical-align: middle;
        z-index: 1;
    }

        .banner > article .inner > :last-child {
            margin-bottom: 0;
        }

    .banner > article h2 {
        font-size: 7rem;
```

```css
            margin-bottom: 0;
            color: #FFF;
            font-weight: 300;
        }

            .banner > article h2:after {
                display: none;
            }


        .banner > article a {
            color: #FFF;
            text-decoration: none;
        }

        .banner > article img {
            display: none;
        }

        .banner > article.visible {
            opacity: 1;
            visibility: visible;
        }

body.is-loading .banner:after {
     opacity: 1.0;
     visibility: visible;
}

@media screen and (max-width: 1280px) {

        .banner.full {
            padding: 0;
            min-height: 100vh;
            height: 100vh;
            overflow: hidden;
        }

}

@media screen and (max-width: 980px) {

        .banner.full {
            padding: 0;
            min-height: 100vh;
            height: 100vh;
            overflow: hidden;
        }
```

```
        .banner > article {
                background-attachment: scroll;
        }

}

@media screen and (max-width: 736px) {

        .banner > article .inner {
                width: 90%;
        }


        .banner > article h2 {
                font-size: 4em;
        }

}

body.is-mobile .banner > article {
        background-attachment: scroll;
}
```
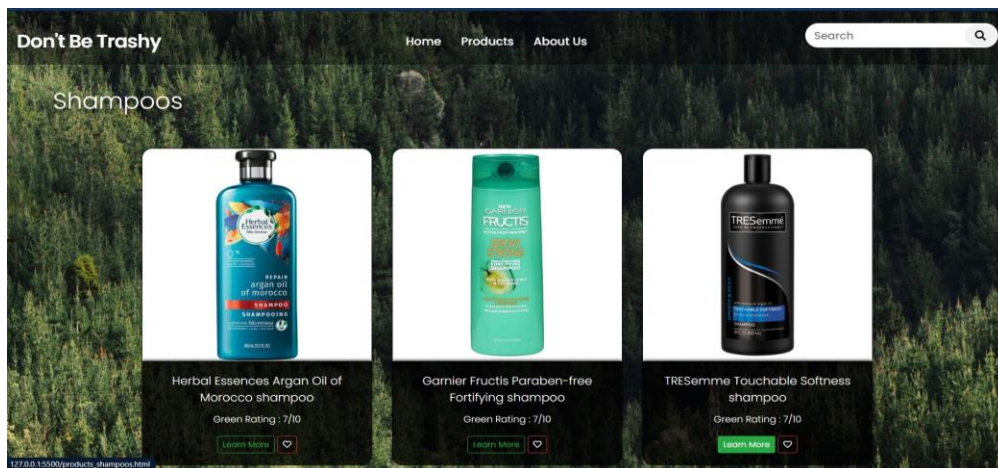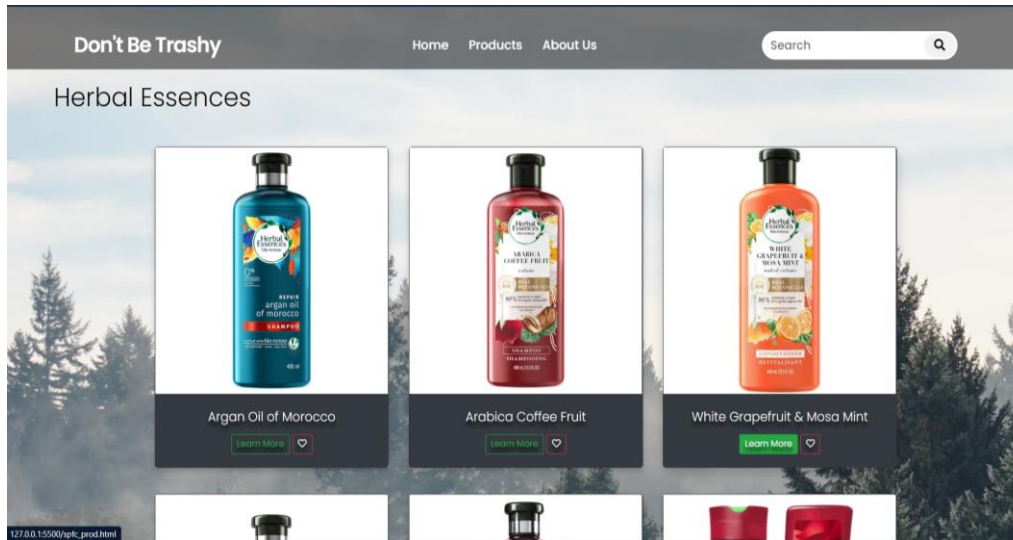
3. Product Cards

Viewers can choose to visit a particular product and look at different brands offering that product or can visit a page of their desired brand and browse for the specific product there.

CODE :

```
<section id="gallery">
    <div class="container">
            <div class="card-deck">

                <div class="col-lg-4 mb-4">
                    <div class="card text-white bg-dark mb-3">
                        <img class="card-img-top" src="https://images-na.ssl-
images-amazon.com/images/I/71JBkSYxUdL._SL1500_.jpg" alt="">
                        <div class="card-body">
                            <h5 class="card-title">Argan Oil of Morocco</h5>
                            <a href="" class="btn btn-outline-success btn-
sm">Learn More</a>
                            <a href="" class="btn btn-outline-danger btn-
sm"><i class="far fa-heart"></i></a>
                        </div>
                    </div>
                </div>

                <div class="col-lg-4 mb-4">
                    <div class="card text-white bg-dark mb-3">
                        <img class="card-img-top"
src="https://i5.walmartimages.com/asr/40d14663-c2f9-4764-af44-
af4d34dc6e27_1.db0a27e4698b9bad87e08243fa81eb3e.jpeg" alt="">
                        <div class="card-body">
                            <h5 class="card-title">Arabica Coffee Fruit</h5>
                            <a href="" class="btn btn-outline-success btn-
sm">Learn More</a>
                            <a href="" class="btn btn-outline-danger btn-
sm"><i class="far fa-heart"></i></a>
                        </div>
```

```
                    </div>
                </div>

        <!-- remaining cards with respective content -->

                </div>
        </div>
        </section>
```

STYLING :

```css
.card {
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
    transition: 0.3s;
    width: 100%;
    border-radius: 5px;
    text-align: center;
    text-shadow: 0px 6px 6px rgba(0,0,0,4);


}
.card-body{
    color:white;
}

.card-text{
    color:white;
}
.card:hover {
    box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
}

img {
    border-radius: 5px 5px 0 0;
    width: 30%;


}

.container {
    padding: 2px 16px;
    margin-top: 40px;
    }
```
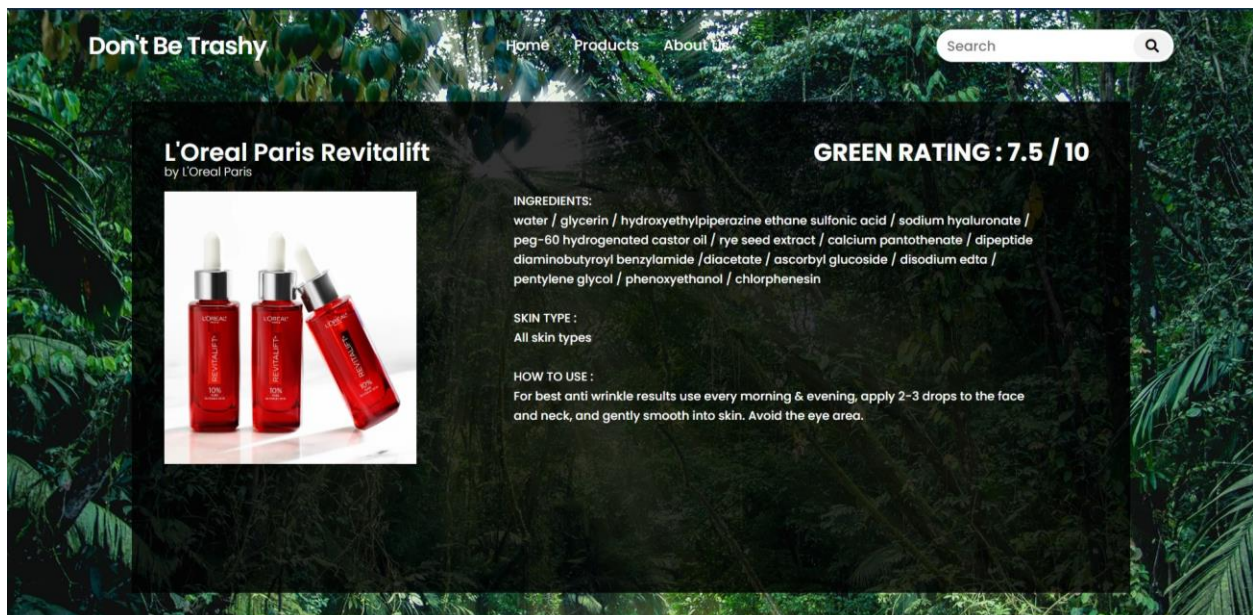
4. Individual Product Details

Once the user chooses his/her required product , the website moves to the individual products page.

This page displays details of the product. The green rating i.e. the extent of how eco-friendly the product is on a scale of 1 to 10 is displayed. The ingredients of the product are displayed beside the image. This is followed by the skin/hair type that this product can be used for. The page also displays instructions on how to use the product.

CODE :

```html
<div id="singleproduct">
     <h4 class="proname">L'Oreal Paris Revitalift</h4>
<h3 class="by">by L'Oreal Paris</h3>
<img src="images/LOREALPRO.jpg" class="propic" width="310" height="335" />
 <h2 class="rate">GREEN RATING : 7.5 / 10</h2>
    <p class="data"> INGREDIENTS:
      <br>water /
         glycerin /
         hydroxyethylpiperazine ethane sulfonic acid /
         sodium hyaluronate /
         peg-60 hydrogenated castor oil /
         rye seed extract /
         calcium pantothenate /
         dipeptide diaminobutyroyl benzylamide /diacetate /
         ascorbyl glucoside /
         disodium edta /
```

```
     pentylene glycol /
          phenoxyethanol /
          chlorphenesin
       <br><br> SKIN TYPE : <br>All skin types
       <br><br> HOW TO USE : <br>For best anti wrinkle results use every
morning & evening, apply 2-3 drops to the face and neck, and gently smooth
into skin. Avoid the eye area.
     </p>
   </div>
```

STYLING :

```
<style>
    body {
  background-image: url('images/img1.jpg');
}
    .propic
    {
      position: absolute;
      top: 180px;
      left: 80px;
    }
    .proname
    {
      position: absolute;
      top: 110px;
      left: 80px;
    }
    .data
    {
      position: absolute;
      top: 180px;
      left: 35%;
      right: 30%;

    }
    .rate
    {
      position: absolute;
      top: 110px;
      right: 50px;
    }
    .by
    {
      position: absolute;
      top: 145px;
      left: 80px;
    }
   h4
    {
```

```css
        font-style: inherit;
        color: #fff;
        font-size: 30px;
        font-weight: 600;
  }
  h2
  {
        font-style: inherit;
        color: #fff;
        font-size: 30px;
        font-weight: 700;
  }
  p{
        width: 60%;
        font-style: inherit;
        color: #fff;
              font-weight: 500;
        padding-left: 80px;

  }
  #singleproduct
  {
        padding: 0;
        position: fixed;
        width: 80%;
        height: 80%;
        top: 15%;
        left: 10%;
        right: 20%;
        bottom: 20%;
        background-color: rgba(0,0,0,0.8);
  }
  #singleproduct >h4,h3,h2,img,p,hr{
        margin-top: -70px;
        margin-left: -40px;
  }
</style>
```

CONCLUSION

This project presented us with an opportunity to define an environmental problem and work out a solution for the same. While the threats to the environment are numerous, we wished to bring to the limelight an issue which had not garnered much attention. This also gave us some insight into the developing world as it provided us with hands-on experience with some of the development languages.