

Coventry University

205CDE

Developing the Modern Web

Coursework

Re-assessment

Reflection Report

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Link to Github: <https://github.com/Aary412249/205CDE.git>

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# Introduction

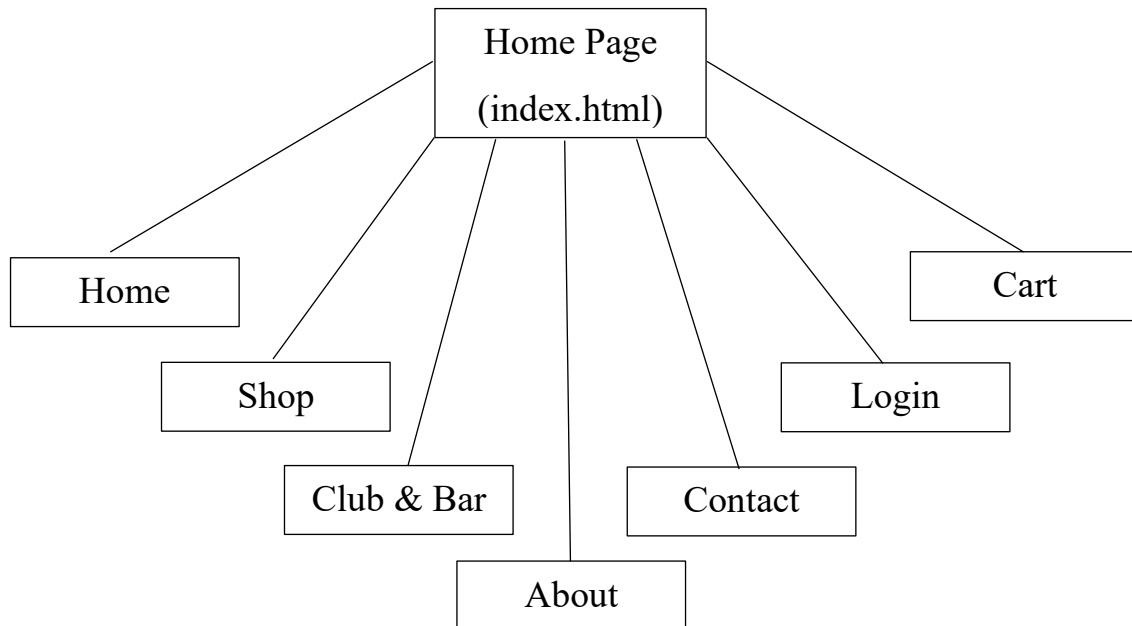
**Until Dawn** is an online website that sells alcoholic drinks online and provide details of different clubs and bars located all over Hong Kong.

As of the widespread of the internet, online shopping and delivery technology, many people tend to use online shopping sites to buy stuffs such as household products, clothes, shoes, accessories, even food. By creating this website, it is expected that customers can order alcoholic drinks that are provided by the company at all times, 7/24. Staffs are required to deliver ordered items to the customers within 2 hours, the company aims for efficiency and to make buying alcohols at midnight more convenient as most of the supermarkets will be closed by then.

In this report, I will explain the structure and technologies used when creating this website. At the end of the report, I will reflect and evaluate the problem I encountered.

# Site Design

## 1. Sitemap



Home: index.html

Shop: shop.html, shop2.html

Club & Bar: clubbar.html

About: about.html

Contact: contact.html

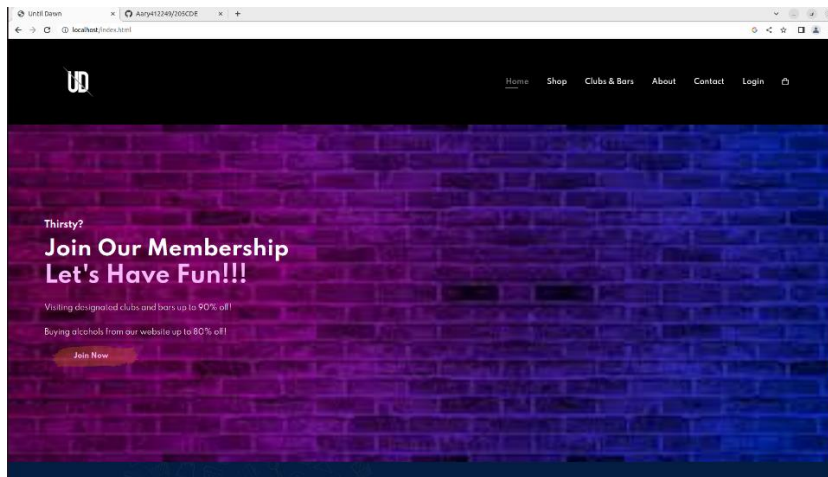
Login: login.html

Cart: cart.html

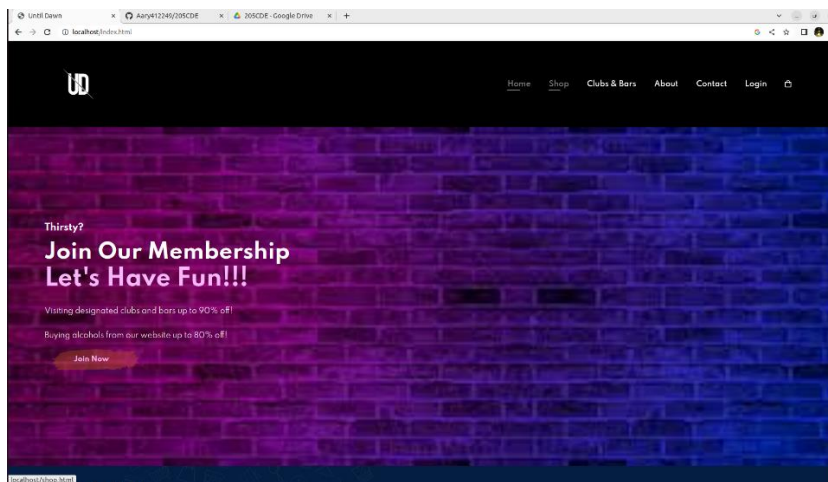
## 2. Layout

When users arrive the website, they will appear at the home page, where there will be a navigation bar for them to go to other webpages. The navigation bar will highlight the webpage that the user is on, if the user is visiting the home page, the “Home” on the navigation bar will change to grey color and underlined. Moreover, when the cursor hovers on the navigation bar’s link, i.e., “Shop”, it will turn grey and underlined as well. Newsletter have been created in case customers want the most updated information and promotions. Every webpage has gotten a footer, that shows different information. Moreover, the theme of the website is dark as to fit the night-lifestyle theme.

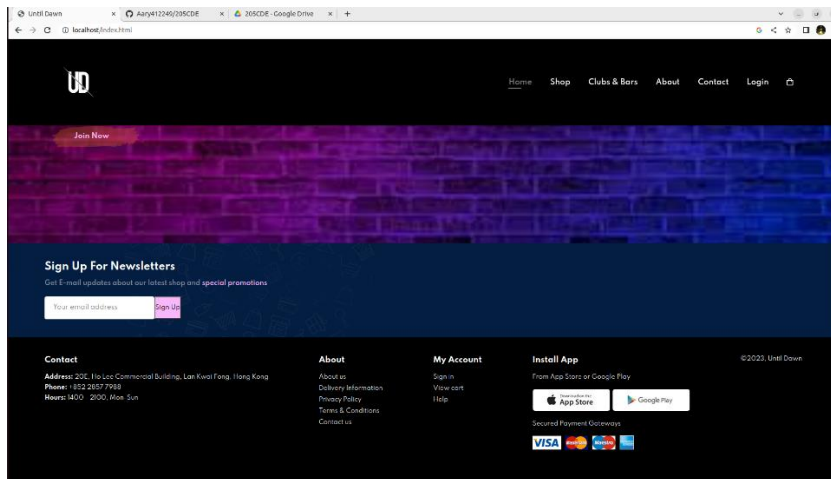
Not hovering:



Hovering:



## Newsletter and Footer:



Users can enter their emails into the newsletter box to receive latest shop items and special promotions.

Users can click the links under “About” and “My Account”, it will redirect users to respective pages.

### 3. Database

#### Design

Table	Description
user	Store users' information

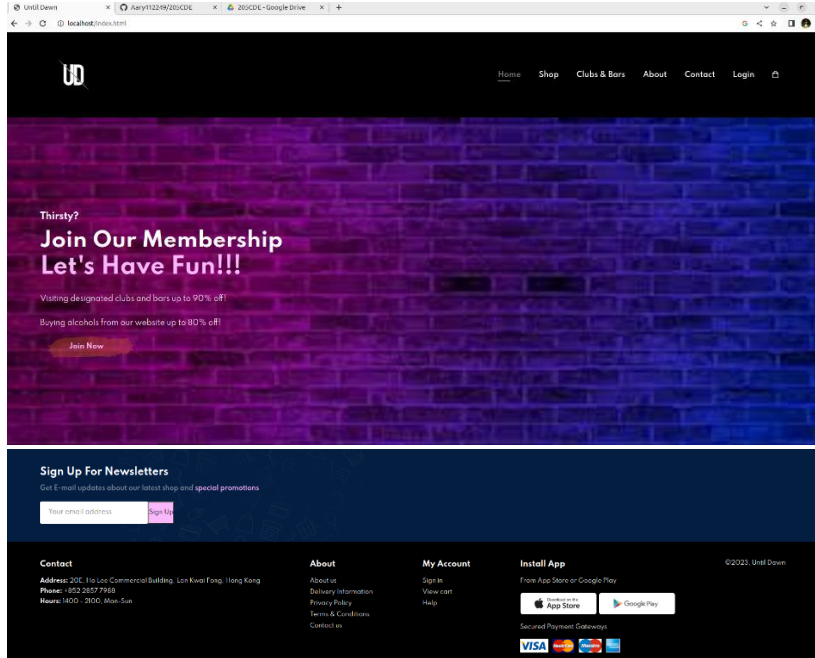
#### Diagram

user	
	id name last_name email password year_of_birth

# Functions

## 1. Home

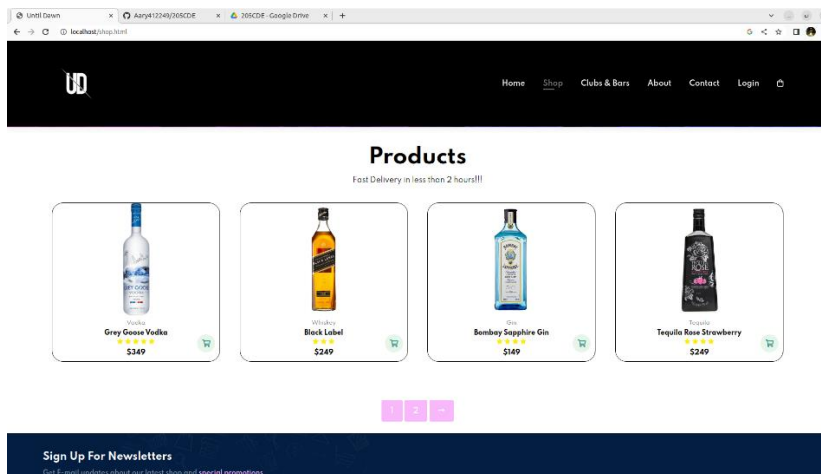
Users will arrive this page when they visit the website.



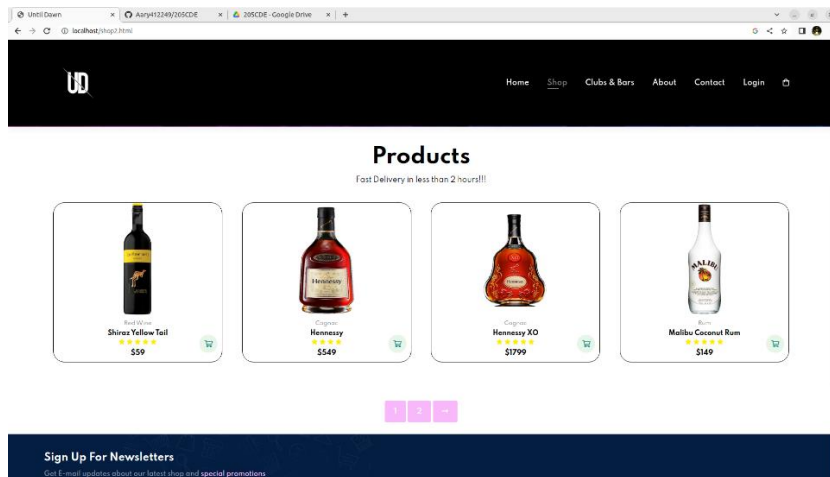
## 2. Shop

There are two pages for the shopping page.

(Page1)



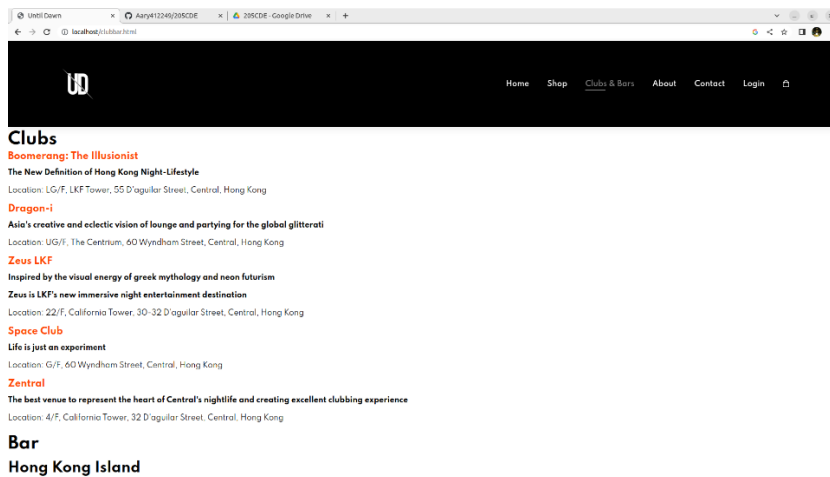
(Page 2)



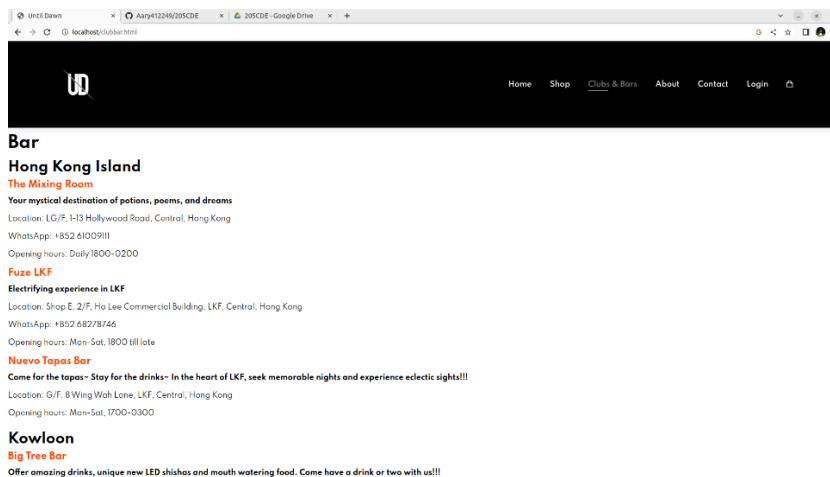
### 3. Clubs & Bars

Bar section has been categorized into Hong Kong Island and Kowloon. Both club and bar sections provide name, brief introduction, location, contact and opening hours.

(Clubs)



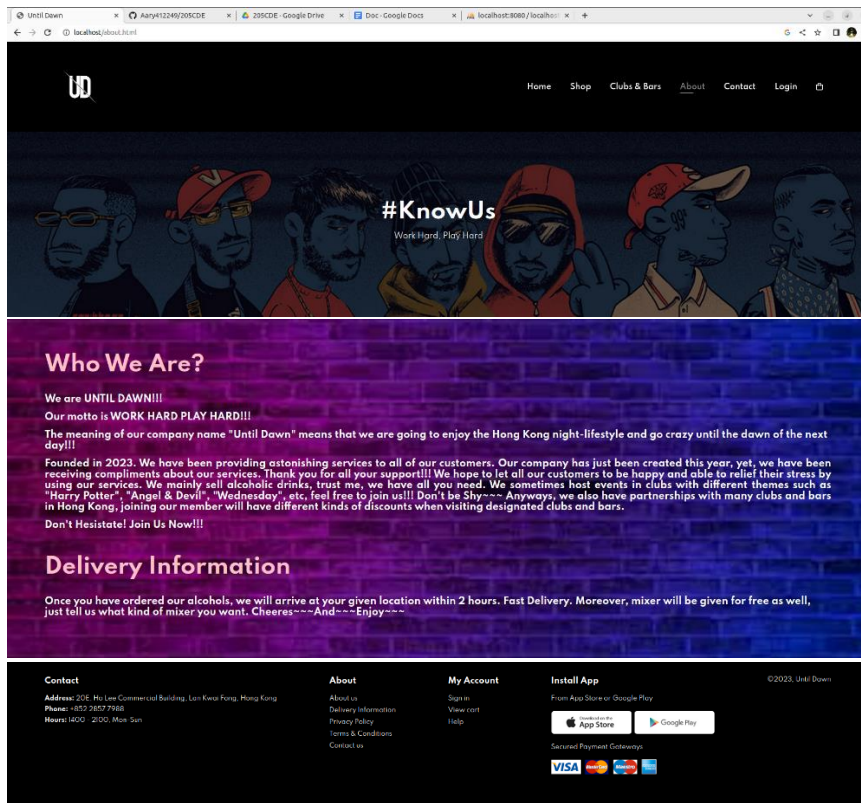
(Bars)





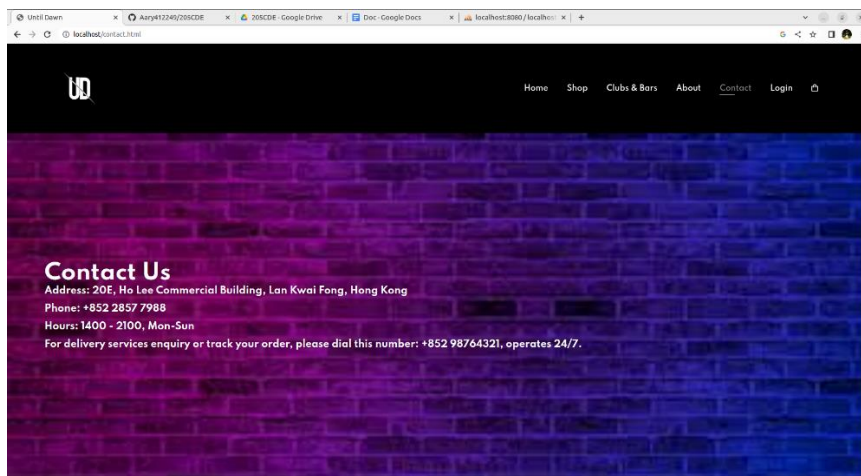
#### 4. About

This is the page introducing the company to the public who they are, as well as some minor information about the delivery.



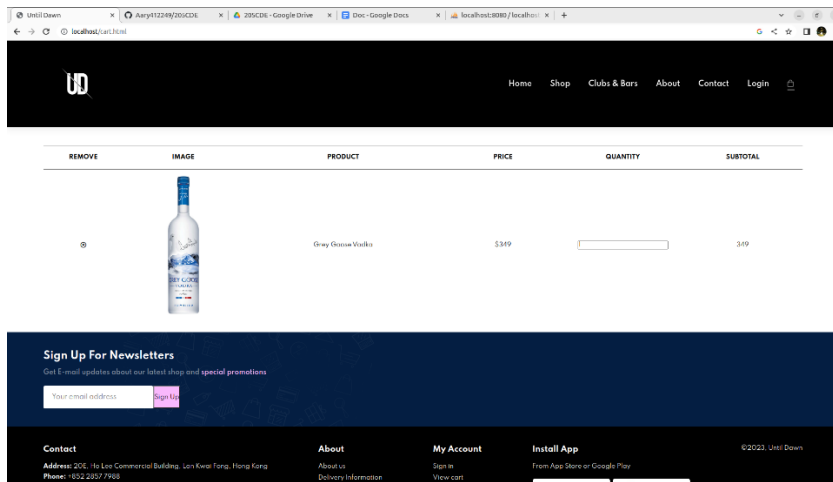
#### 5. Contact

Users can check this page on how to contact with the company.



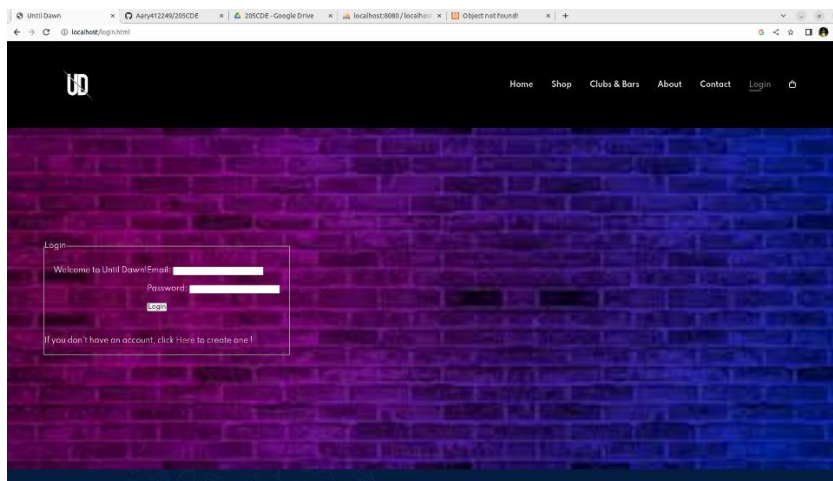
#### 6. Cart

This is the page showing what the users are buying.



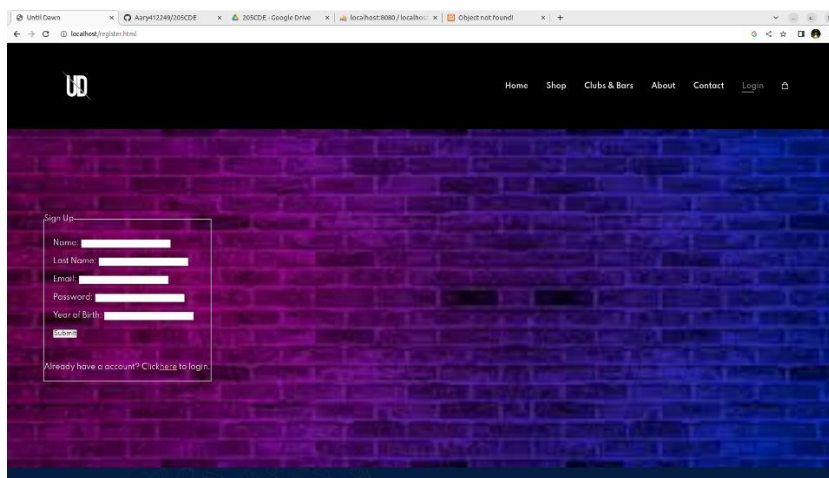
## 7. Login

Users can login via this page



## 8. Register

Users can register their account via this page



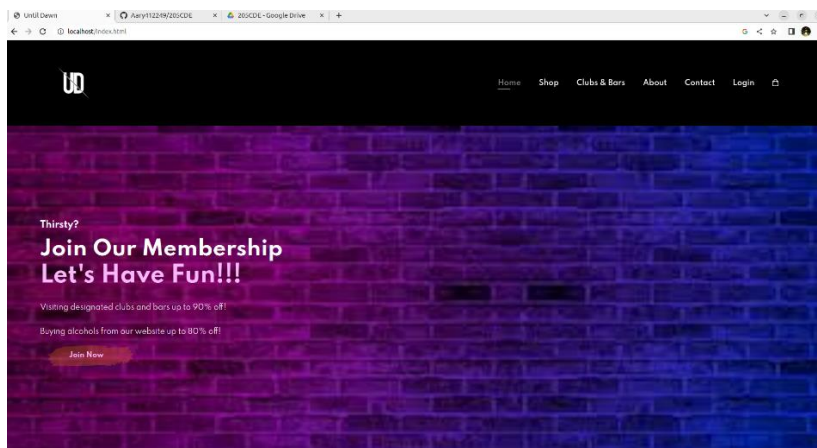
# Technologies

## 1. HTML

index.html

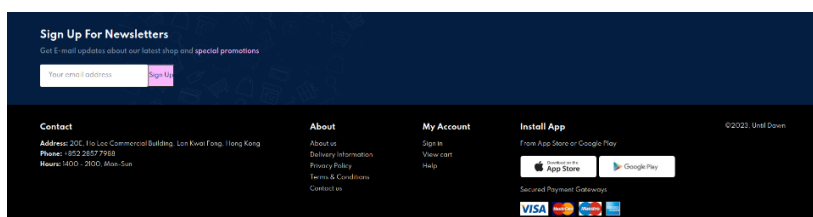
```
<section id="header">
  <a href="#"></a>
  <div>
    <ul id="navbar">
      <li><a class="active" href="index.html">Home</a></li>
      <li><a href="shop.html">Shop</a></li>
      <li><a href="clubbar.html">Clubs & Bars</a></li>
      <li><a href="about.html">About</a></li>
      <li><a href="contact.html">Contact</a></li>
      <li><a href="login.html">Login</a></li>
      <li><a href="cart.html"><i class="far fa-shopping-bag"></i></a></li>
      <a href="#" id="close"><i class="far fa-times"></i></a>
    </ul>
  </div>
```

This is the navigation bar that is visible in every single page. First, we will have the logo on the top left corner. And then starting with “Home”, “Shop”, “Clubs & Bars”, “About”, “Contact”, “Login”, and a button “shopping bag” whereby clicking it will take you to the “Cart”.



index.html
<pre> &lt;footer id="footer" class="section-p1"&gt;   &lt;div class="col"&gt;     &lt;h4&gt;Contact&lt;/h4&gt;     &lt;p&gt;&lt;strong&gt;Address: &lt;/strong&gt;20E, Ho Lee Commercial Building, Lan Kwai Fong, Hong Kong&lt;/p&gt;     &lt;p&gt;&lt;strong&gt;Phone: &lt;/strong&gt; +852 2857 7988&lt;/p&gt;     &lt;p&gt;&lt;strong&gt;Hours: &lt;/strong&gt; 1400 - 2100, Mon-Sun&lt;/p&gt;   &lt;/div&gt;    &lt;div id="f-color" class="col"&gt;     &lt;h4&gt;About&lt;/h4&gt;     &lt;a href="about.html"&gt;About us&lt;/a&gt;     &lt;a href="about.html"&gt;Delivery Information&lt;/a&gt;     &lt;a href="about.html"&gt;Privacy Policy&lt;/a&gt;     &lt;a href="about.html"&gt;Terms &amp; Conditions&lt;/a&gt;     &lt;a href="contact.html"&gt;Contact us&lt;/a&gt;   &lt;/div&gt;   &lt;div class="col"&gt;     &lt;h4&gt;My Account&lt;/h4&gt;     &lt;a href="login.html"&gt;Sign in&lt;/a&gt;     &lt;a href="cart.html"&gt;View cart&lt;/a&gt;     &lt;a href="contact.html"&gt;Help&lt;/a&gt;   &lt;/div&gt;    &lt;div class="col install"&gt;     &lt;h4&gt;Install App&lt;/h4&gt;     &lt;p&gt;From App Store or Google Play&lt;/p&gt;     &lt;div class="row"&gt;       &lt;img src="img/app.jpg"&gt;       &lt;img src="img/play.jpg"&gt;     &lt;/div&gt;     &lt;p&gt;Secured Payment Gateways&lt;/p&gt;     &lt;img src="img/pay.png"&gt;   &lt;/div&gt;    &lt;div class="copyright"&gt;     &lt;p&gt;©2023, Until Dawn&lt;/p&gt;   &lt;/div&gt; &lt;/footer&gt; </pre>

This is the footer section which appears on every single webpage, images were added, users can click the links and it will redirect to their designated webpage.



### index.html

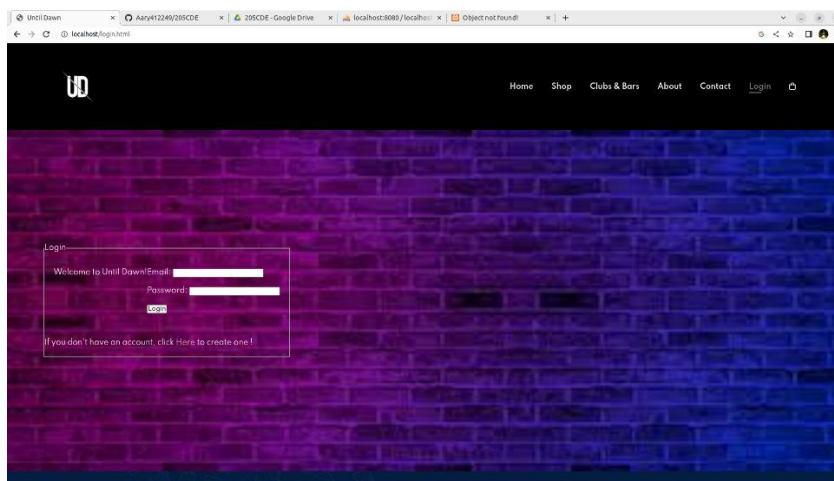
```
<section id="party">
  <h4>Thirsty?</h4>
  <h2>Join Our Membership</h2>
  <h1>Let's Have Fun!!!</h1>
  <p>Visiting designated clubs and bars up to 90% off!</p>
  <p>Buying alcohols from our website up to 80% off!</p>
  <button>Join Now</button>
</section>
```

This is the cover text on the homepage, acting as an advertisement to attract customers to join the membership, different kinds of heading have been used, as well as button.

### login.html

```
<section id="party">
  <fieldset class="sign">
    <legend style="color: white;">Login</legend>
    <div class="enterbox">
      <p>Welcome to Until Dawn!</p>
      <form action="http://localhost:8080/phpmyadmin" method="PUT">
        <p>Email: <input type="text" name="email" id="email"></p>
        <p>Password: <input type="password" name="password" id="password"></p>
        <p><input type="submit" value="Login" id="sub" ></p>
      </div>
    </form>
    <div class="other">
      <p>If you don't have an account, click <a href="register.html" style="color:
pink;">Here</a> to create one !</p>
    </div>
  </fieldset>
</section>
```

This is the login page, whereas form action has been used.



## 2. CSS

style.css

```
#header{
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 20px 80px;
    background: #000000;
    box-shadow: 0 5px 15px rgba(0, 0, 0, 0.08);
    z-index: 999;
    position: sticky;
    top: 0;
    left: 0;
}
```

This is to configure and set the alignment, position, padding, and background color of the navigation bar, moreover, box-shadow has been added.

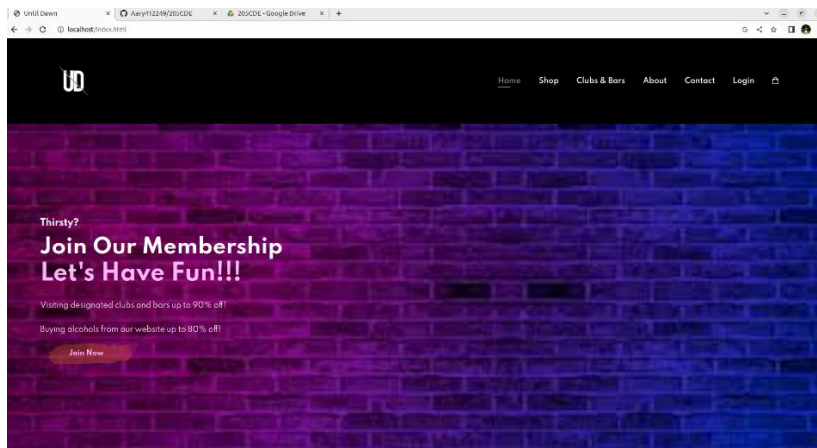
style.css

```
#party{
    background-image: url("img/party3.jpeg");
    height: 76.3vh;
    width: 100%;
    align-items: ;
    background-size: cover;
    background-position: top 60% right 0;
    padding: 0 80px;
    display: flex;
    flex-direction: column;
    align-items: flex-start;
    justify-content: center;
}
#party h4{
    padding-bottom: 15px;
}
#party h1{
    padding-bottom: 15px;
    color: #f9b8fc;
}
#party button{
    background-image: url("img/button.png");
    background-color: transparent;
    color: #f9b8fc;
    border: 0;
    padding: 14px 80px 14px 65px;
    background-repeat: no-repeat;
    cursor: pointer;
    font-weight: 700;
    font-size: 15px;
}
```

This is for the background image of the website, importing the image through css, configuring the alignments, display, size, position of the background image and the headings. Moreover,



there is a button “Join now”, color, background image, size, position has been configured using CSS.

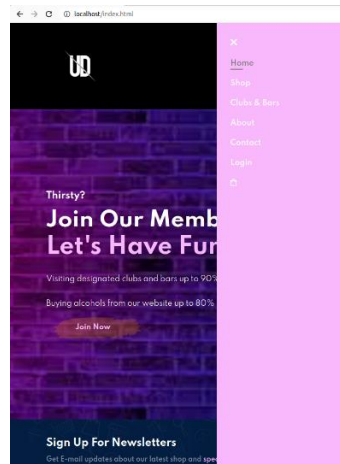
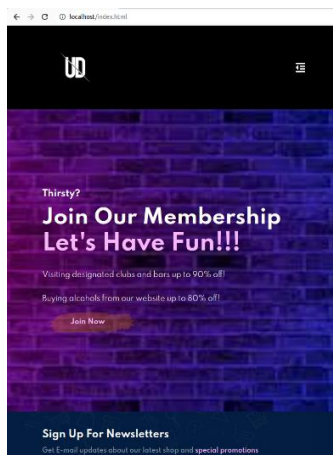


(Navbar, background image, texts, and “Join Now” button)

```
style.css
@media (max-width:799px) {
  #navbar {
    display: flex;
    flex-direction: column;
    align-items: flex-start;
    justify-content: flex-start;
    position: fixed;
    top: 0;
    right: -300px;
    height: 100vh;
    width: 300px;
    background-color: #f9b8fc;
    box-shadow: 0 40px 60px rgba(0, 0, 0, 0.1);
    padding: 80px 0 0 10px;
    transition: 0.3s;
  }
  #navbar.active{
    right: 0px;
  }
  #close{
    display: initial;
    position: absolute;
    top: 30px;
    left: 30px;
    color: #ffffff;
    font-size: 24px;
  }
}
```

This is to configure the vertical navigation bar, including positions, color and how it is hidden and summoned. At first, it will be “right: -300px;” and when the icon is clicked, the navbar will become active and turned into “right: 0px;”, after the cross icon is being clicked, it will close and go back to “right: -300px;”. Moreover, to let the sliding of the navbar looks smoother, “transition: 0.3s” has been used.

In the 1<sup>st</sup> picture, navbar is gone and hidden, icon on the top right-hand corner can be clicked to summon the navbar again. In the 2<sup>nd</sup> picture, navbar is summoned, and by clicking the “cross”, it will return hidden again.



## style.css

```
#products .pro-container{
    display: flex;
    justify-content: space-between;
    padding: 20px;
    flex-wrap: wrap;
}
#products .pro{
    width: 23%;
    min-width: 250px;
    padding-bottom: 10px 12px;
    border: 1px solid;
    border-radius: 25px;
    cursor: pointer;
    position: relative;
}
#products .pro img{
    border-radius: 20px;
}
#products .pro .des {
    padding: 10px 0;
}
#products .pro .des span{
    color: #6f6f6f;
    font-size: 12px;
}
#products .pro .des h5{
    padding-top: 7px;
    font-size: 14px;
}
#products .pro .des h4{
    padding-top: 7px;
    font-size: 15px;
    font-weight: 700;
}
```

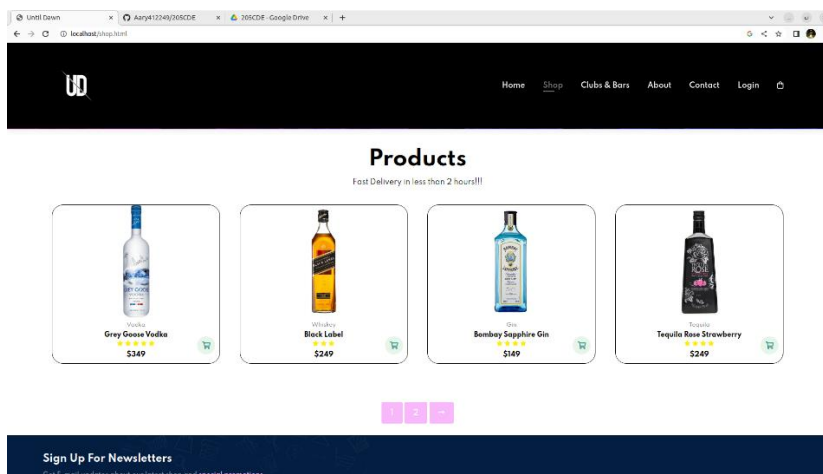


```

#products .pro .des i{
    font-size: 12px;
    color: rgb(255, 238, 3);
}
#products .pro .cart{
    width: 40px;
    height: 40px;
    line-height: 40px;
    border-radius: 40px;
    background-color: #e8f6ea;
    font-weight: 500;
    color: #088178;
    border-color: 1px solid #cce7d0;
    position: absolute;
    bottom: 20px;
    right: 10px;
}

```

This is to configure the positions of the images and the spacings between them, border has been added to every image and border radius has been added to make it looks smoother. Moreover, the text size and color are different. Also, to change the size and color of the star.



### 3. Java

JavaScript has been used to make the website responsive.

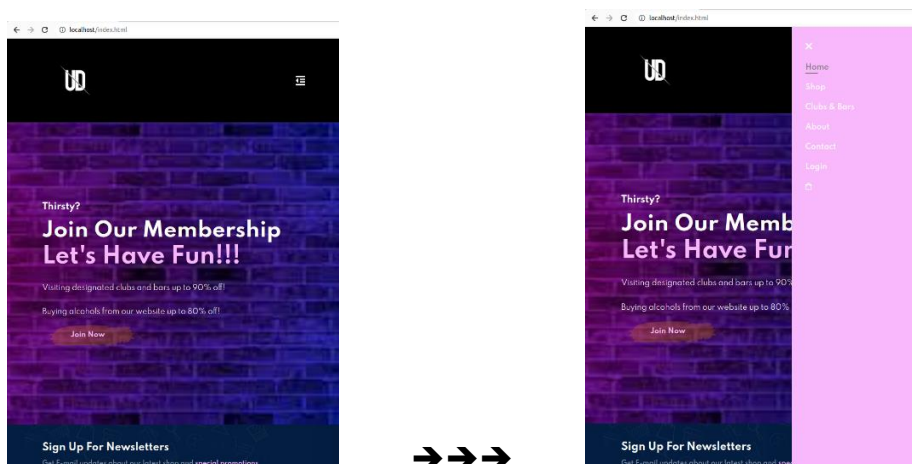
```
script.js
const bar = document.getElementById('bar');
const close = document.getElementById('close');
const nav = document.getElementById('navbar');

if(bar) {
  bar.addEventListener('click', () => {
    nav.classList.add('active');
  })
}

if(close) {
  close.addEventListener('click', () => {
    nav.classList.remove('active');
  })
}
```

So, when the “bar” button has been clicked, the vertical navigation bar will become active and start to slide out; when the “cross” button has been clicked, the active status of the vertical navigation bar will be removed and it will slide back in to the right-hand side of the website.

In the 1<sup>st</sup> picture, navbar is gone and hidden. In the 2<sup>nd</sup> picture, navbar is summoned, and by clicking the “cross”, it will return hidden again.



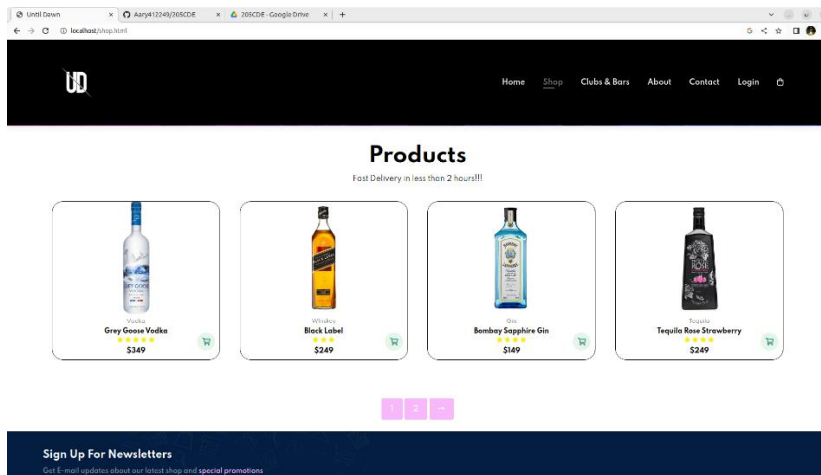
#### 4. Bootstrap

Bootstrap has been imported in order to have a more convenient and time-saving web design process.

```
index.html
```

```
<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css" />
```

In advance, the shopping page and the navigation bar have implemented bootstrap, i.e., the shopping bag button on the navigation bar, the stars, and the right-arrow on the shopping page.



# Reflection

Throughout the course and this re-assessment, I have learnt how to build a dynamic and responsive website using technologies including HTML, CSS, and JavaScript. My knowledge towards these technologies allows me to create this “Until Dawn” website, I am so glad about it yet frustrated on the technical issues I faced.

Supposedly, I should also use technologies like Flask and connect it to the database, however technical problem pops up and I cannot resolve it, leaving this website only consist of HTML, CSS, and JavaScript. The technical problem I faced was crucial, as it stopped me from connecting the database to the website, where lots of marks should have been deducted by that. By now I still do not know how to solve it, as every time I google for solutions and make corrections, I still messed up and it did not work. Basically, the problem is that my phpMyAdmin cannot be opened, I kept trying to fix it in the terminal and correct the mistakes that may cause the problem, but what makes me stressed about is that when one correction has been made, another problem pops up. I have thought of uninstalling Ubuntu and reset back to default, by then the problem might as well be resolved however time does not allow me to do that. I was in a rush to complete this website and report, therefore at the end, I gave up the marks for the Flask section and the Database section, which I really do not want to let it go, but I have no other choice, instead of wasting hours and hours trying to fix the issue how about I just work hard on what I have got.

Gladly I kind of finished what I have, however for the cart.html, as it requires database to do that, I am not able to fully complete that webpage, instead I just type codes in the html and make it looks good, even though it does not work, just plain information but at least I have already tried my best.

All in all, throughout this assignment I found coding is really fun, other than the times it makes me frustrated and stressed, yet, I found happiness in coding, the proudness when you successfully make a website, just like looking at your own babies. I have gained more knowledge towards coding from creating this website, so I have set a goal to myself, to practice coding 4 to 5 hours a week, and try to finish the website I have created, solve the technical issue I am facing right now, and I believe I can do it. At last, I hope the web design was good and has given users a positive experience.