

UX1 - Mobile App Prototype

Mobile shopping application

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Documentation for UX1 Prototype - PART C

1. Describe the scope of the project that this prototype relates to

This web application “match” is a shopping website aims at women that sells items collated by category list the user creates.

Each user creates a category list as they register and log-in. Category list contains multiple categories. In this prototype, I created unique categories which represent moods such as “cheerful”, “mysterious”, “Energistics”, “Peaceful” and more.

This feeling category aims to make users who are not looking for specific things narrow down their potential needs by their current mood category.

Category list system will be led the further browsing time on match. It will also be expected to bring the further income of match.

**Scope**

1. Layout design for expected functionality

* Login/Registration form
* Category list screen
* Home screen that shows products
* Cart system

1. Layout design for usability and readability

* Ease of use

Each graphical element such as menu button, images, logo, icons should be placed in where user can easily notice.

* Color combination

I have mainly used pink colors to represent joy and happiness in this application. However, I need to pay attention about the brightness of pink and the choice of other colors to combinate pink.

I also have to care of consistency of color of the logo and each graphical element with using same colors.

* Typography

I used serif to make text easy to read.

1. Describe why prototyping tool chosen was the best for the outlined task

I was supposed to use Material UI, however I implemented this user interface part with Bootstrap.

* Bootstrap have sufficient templates and documentation as compare to other CSS frame works.
* Enable to integrate bootstrap and symfony (PHP frame work)
* Light weight, flexible and customizable
* Great grid system (it can be suitable for shopping website because of many products images)

1. Write three paragraphs each for how you think the tool has handled the rendering of all CSS/HTML and JavaScript code

Bootstrap provide a support to build up the layout of mobile user interface part in HTML with sufficient templates. If your website is simple, it will be so much quicker than using pure HTML. However, in this project due to using the bootstrap, I spent a considerable amount of time to override or rewriting files on designing and coding the website.

In CSS part, the bootstrap requires less code in comparison to pure CSS and has default animations with each class name. However, I faced the issue described above where overriding files multiple times increased the project’s complexity files in few times. At the end, I override so many times and each class name are hard to identified where comes from.

I didn’t use pure JavaScript in my project, I used jQuery to make the website function and transition between each page. In actual implementation, jQuery will not be used.

1. Conclusion as to how you might be able to use some of the components the tool has rendered going forward to UX2

Login form: Add action attribute in form tag is implemented in the login form to send the user information to PHP file from the form. The PHP file contains the code to connect to the database and confirm that user information sent from this form matches with the user information in the database.

Registration form: Add action attribute in the form is implemented in this form to send the user’s information to PHP file. The PHP file contains the code to connect to the database and confirm that the user information exists in the database.

Category list: This setting page extension will be changed “html” to “php” to retrieve and show the result of category list customer created This setting page will be connected to user category table and category table.

Product information: This product page extension will be changed from “html” to “php” to retrieve and display the product information corresponding to the product table that relates to user category table and category table.

1. Document the licensing and/or costs associated with your chosen tool

**Bootstrap**: Can be used freely for personal, private, company internal, or commercial purposes. If you would like to use official template, you will be charged about $50 to $80.

**Logo**: Expected cost will be $129 to use for commercial purpose