

Coursework Report

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Abstract

This app is aim that help the girl or lady to get more better and more beautiful. It is an app that people could study the basic steps of making up. The reason I got this idea is that I want to study making up to get more attractive. When I study in zhengzhou university of light industry, I held some activities as a host and it means I need to make up ,the senior sister awlays help me ,because I can not makeup. I will be more confident when I makeup and stand at the center of stage. Thus , I got this coursework I had this idea to do this project, and I name this web app for "Beauty".

Keywords – app, flask,python,css,bootstrap,JavaScript

1 Introduction

Component This app has five pages,they are home,know,learn,gift and login respectively. Following, I will introduce my web app and my the progress of coursework.

2 Differences

There are some differences between the initial design and the final submission. In the first design, I have lots of ideas but some of them I cannot make them come true ,so I have to give up it and make some changes.

2.1 Bar

First,the main page has changed ,I made the 'latest' page combine with the gift page.The reason i change it ,because I found the more pages did not bring more valid information for users, and it also will make me spent time to build a sub-page.In addition,the navigation bar has some modified,I use the templates in bootstrap.



Figure 1: **navigation bar**

2.2 home

For the home page, the initial decision about that is there has three part, the third part is latest goods and I just want to show four image about that. Meanwhile, I make it has 3D effect,first you will look three normal image like figure.2, and when your move the mouse on the picture, the image will rotate, users can see the effect like figure.3.



Figure 2: **latest**



Figure 3: **effect**

2.3 know

For the know page ,I also have done some change,At the begining ,I want to get four boxes to show every catalogue ,and every have the diverse goods, the things always thinking is easy ,but it is too difficult for me now to show that much more images,so I just show some examples that to make user understand the function for each catalogue.

2.4 learn

In the learn page ,I also changed something.In my first coursework ,I decide to show a flow diagram,when I click every image ,it will show that steps what needs user to focus,but I try to build the arrow ,it dose not work, and it will so messy if I make the link on every picture.For simply, I make the images in the certain order to put, and put the instruction for users to learn about.

2.5 Login

It is really a difficulty for me.This time is my first time to design a web app,to be honest ,the html and python languages is the first time I touch. I just thought ,the login it is an simple page, the first I made the page ,that people could input thier username and password, then ,when they click the login, it could be return home.Actually,it did not store the user information data.With the knowledge studied more ,I found that is not a esay thing to do.I need to build a database and to use the get and post methods ,to make the people 's input

effective. Now when you first login , user needs to register and if there having the same username in the database,it will note you to change one, and when you come back the home you can explore the web app.

2.6 404 error

This is the thing I do not to think about in the first design, Then i found it is so significant for a web app.Because it is usual for the web can not get request.



404 Error

Figure 4: 404 error



Figure 6: link

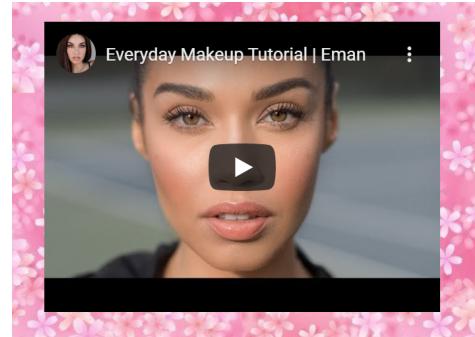


Figure 7: video

3 Features

This section I will instruct the features for my web app.May be my web it is not so better, but it still has something interesting that I am proud of.And I will follow the order that my web page.

3.1 Home

For the home page ,I think it must be more attractive by user and make them interested in.Thus ,I put a carousel on the top,there are six images it will be shown and user could click the arrow to next picture,or click the dots to show the matching image.The second feature is the 3D effect, and I have introduce it in last part.



Figure 5: carousel

3.2 Know

For these page, it will help the users to know some famous brands, and when you click the button below the picture, user can enter the official website to know about more and more sufficient goods and information.

The second part of these part is catalogue, the left is some small picture and the right is some information to introduce.

3.3 Learn

This part not only has the basic making up steps ,but also have some videos that is tutorials that could teach the making up green hands to study more real and they could follow the video to do the same ,then they will get the beautiful look.

3.4 Gifts

This part may look so simple, but it useful.People always have confusion for what gift should I send to my best friend or some important people ,even in some certain occasion. When you click the gifts page.There are some drop down list, when you choose the people you want to send ,it will show some answers, but this is difficult for me to add much more picture. In addition ,when you click the word again, the picture will hide again.



Figure 8: box

3.5 Login

If you did not login, there will be shown the please login first, and when login, it will show hello and welcome to beauty.For the header has extended the home navigation bar style,like the figure 13,when click the hello, user will return to the home page, if you first time to login ,you could register it first.

4 Challenges

From where I stand, it is really a not easy coursework for me. Though I got so many interesting idea and thought, but what make me annoyed and challenge is that the real

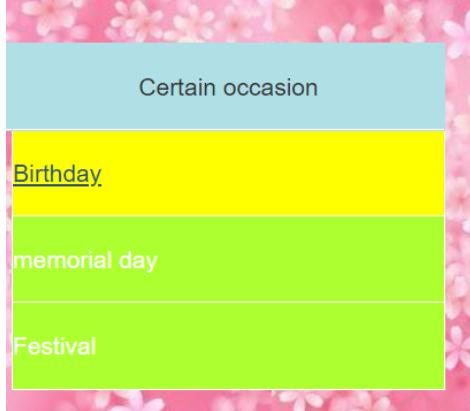


Figure 9: drop down list

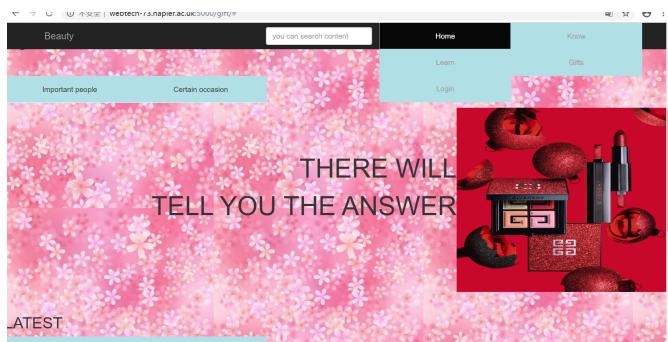


Figure 10: answer

technology block me to built better web.

4.1 problems

command There are some knowledge in workbook I did not understand so clearly, for example the endblock has cost me some time to understand. To make all the pages has the same headers and footers. For the footer there has a "contact us" button, when user click that , it will show a page, fill your name and email and you can send us some message or suggestions. For these template is a significant thing should pay more attention to. The home ,know,learn and gift page all use the header.html, this template has the footer and header. For the login page it extends the base.html, because ,this page do not need the footer.

Database This is the big problems that I Spent more time to make it could work. In many times ,I do not where show the problems and how can I modified it.

Time The time is really a big challenge ,it is certain a long time ,but the reason by my self ,I do not have a good time management, so besides the time to finish other coursework and to understand deeply for the workbook, I left less time to finish the coursework.

link This part is also the weakness for me. When there are many links to match I may get it wrong and the link path incorrect, but through this time ,I have got more understanding about this part.

Tools At the beginning of the working, I heard from the pycharm could make the efficiency more higher,then i use it to build my app, but I do not why the endblock can not work,it has been looked as the text ,not command. After,many time I have changed ,it still can not work ,so I use the putty again,



Figure 11: login

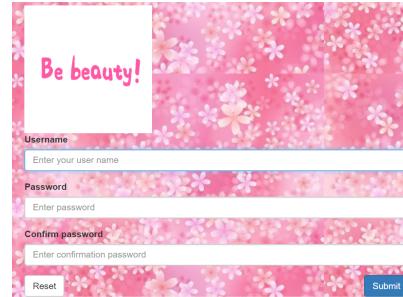


Figure 12: register

and the function has achieved. After all ,the putty I always use in labs.

4.2 unmet challenge

History I involve this in cw1 , I want to make the app remember the record that user has looked trough. This still the target I need to study in future. It is also the challenge that combine with the database. It is the next steps I need to explore more deeply. Fortunately, I select the database system modules to study more.

shop online If I could study more deeply about the database I think that need I spend more time to learn about it. It will involve more extra knowledge that I even not touch it.

5 Reflection of Achievements

Although, I still have lots of things to study, for the first web app I did I think is not bad,it just a beginning ,and in the future I will get more experience that help me enhance the web design ability. From this work, I got the deeply using of putty and learn the python and flask. It is the first time that I found this is an interesting thing to finish. In addition, the bootstrap also help me lot ,and it could make my web more beautiful. For html, I have never learn before this module, I think my studying ability is nice, and I can understand the knowledge quickly. Now ,I just can build the simple web page through python and flask. I hope user will like the web page that I design.

6 Reference

For these course work I look through the workbook and some Chinese website to learn the code and understand the course. It is certain that Chinese make me understand easily.

1. some code sydying:www.github.com.
- 2.video from :www.youtube.com
- 3.makeup steps from:<https://www.colorescience.com/learn/how-to-apply-makeup>



Figure 13: **login header**

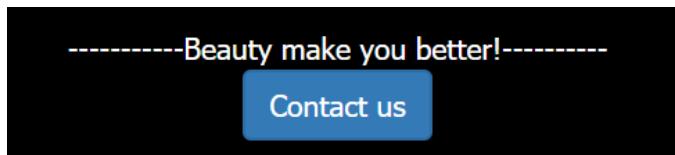


Figure 14: **footer**

A contact form titled "Contact Form" with a pink floral background. It includes a note "Please fill all the texts in the fields." Below are three input fields: "Name :" with placeholder "Your Full Name", "Email :" with placeholder "Valid Email Address", and "Message :" with placeholder "Your Message to Us". At the bottom is a "send" button.

Figure 15: **contact us**