

System Documentation

Team B03 (Alita)

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Revision History

Version	Date	Name	Description
1	2019/06/18	Jiacheng Shen, Jiang Zhou	Initial Document

1 Introduction

Hermes has three system which are based on websites. Login and Register system ensure users can create and log in to their account, and then every user becomes an individual. Upload and download system ensure users can upload and download files as they wish. Reward system ensure each user has a personal center and a record of points, and everyone can redeem goods in the mall with their points.

2 Basic Configuration

To access to our website, please check whether you are under:

1. Win10 and above operating system or MAC OS operating system
2. Local area Network within LZU (Public or private WiFi in LZU)
3. Google chrome, Firefox or Safari web browser

3 Reference and IED

HTML, CSS, JavaScript [Adobe Dreamweaver CC 2018]

Python (Flask) + Sqlite3 [JetBrains PyCharm Community Edition]

Guidance on some web pages:

1. <http://flask.pocoo.org/>
2. <http://www.zhijieketang.com/>
3. <https://www.csdn.net/>
4. <https://www.jianshu.com/>
5. <https://www.runoob.com/>
6. <https://www.sqlite.org/index.html>
7. <https://modao.cc/>
8. <https://ezgif.com/>
9. <https://www.meta-chart.com/>

10. <https://htmlcolorcodes.com/zh/>
11. https://www.w3.org/Style/Examples/007/fonts.zh_CN.html
12. <http://www.w3cn.org/article/tips/2005/105.html>
13. <https://www.runoob.com/js/js-tutorial.html>
14. <https://blog.csdn.net/chp891202/article/details/71172232>
15. <https://www.cnblogs.com/frostbelt/archive/2012/07/30/2614956.html>

And Some professional guidance from the society.

4 Possible Issues

4.1 KeyError problem occurs when in use

When this problem happens, it is basically because of the session lose user's personal information.

Solution: Login again. And we will fix this problem fundamentally in back-end code.

4.2 URL not found (404) problem

Most of the time, it is because some user upload a certain file whose filename is illegal(contain '-', '.', ' ' in filename)

Solution: Inform us first, and we will delete the illegal file, and restart the website. And we will fix this problem fundamentally in back-end code.

5 System Maintenance

5.1 Database maintenance

We will do a liquidation weekly in database, clearing the reward points in users account, delivering goods to the users according to purchase record.

For those files uploaded which isn't popular, we will delete it.

5.2 Back-end maintenance

Every month, we will conduct a back-end system test to find possible bugs, and fix them. Moreover, we will find some better way or logic to improve our code and update our system.

5.3 User maintenance

As a user-oriented project, user is an essential part of our system, we take them seriously.

Every week we will deliver goods in person to those who purchase them as we mentioned above. Meanwhile, we will ask them for suggestions and problem.