Development Log and Testing Document

Development Log

Version 0.1

This version only works on the Django integrated server on Windows. We finish the basic structure of the website. The website includes site title, the display of restaurants and the images. The comment function is still under development. For the restaurant information page, we can now edit it with Markdown instead of directly edit it with HTML and CSS. This add more flexibility to the restaurant page.

Testing

We manually operate on the website, and we did not find any bug.

Version 0.2

We added sidebar to the webpage to make it able to display more information while browsed on a wide screen. We start to build the comment function. The comment edit function reused the restaurant page edit function.

Testing

We manually operate on the website, and find that the POST method may raise the CSRF warning issue.

--fixing

The issue is resolved by adding a "csrf token" in the http response.

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Version 0.3

We add the search function to our project. The function used the Whoosh and Jieba library. These two libraries can search words from the restaurant titles and contents. We are also moving this project to our server.

Testing

During the migration of the project, we find that the the version of the database is too low and the migration is aborted.

--fixing

Update the database on the server. The MariaDB is updated to version 10.3.

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We imported the information of a restaurant to test the searching functions, we find that the Whoosh searching takes up too much of the RAM.

--fixing

We temporarily forbidden adding too much information to a restaurant. We try to build the searching system based on the database.

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Version 0.4.1

We employed the Travis CI to do the test. We further add functions to make it able to sign in the website via Wechat, QQ or Weibo. We also optimized the display on mobile devices.

Testing

Project runs well on Travis CI.

Version 0.4.2

The database for the new searching functions and the delivery system is built.