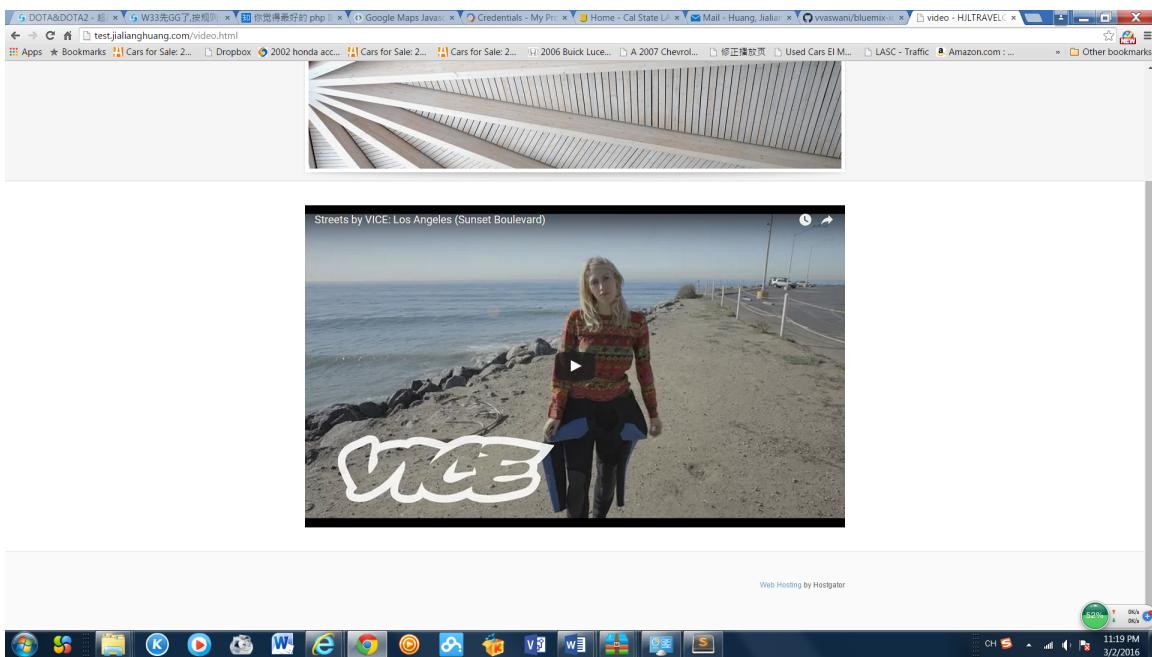


CIS562 Final Report

Jialiang Huang

CIN:304398762

My website title is HJLTRAVELCLUB. It's a website for people who like travelling and want online support for their travelling. There are two subpages under Home page. These two pages show some beautiful pictures and videos.

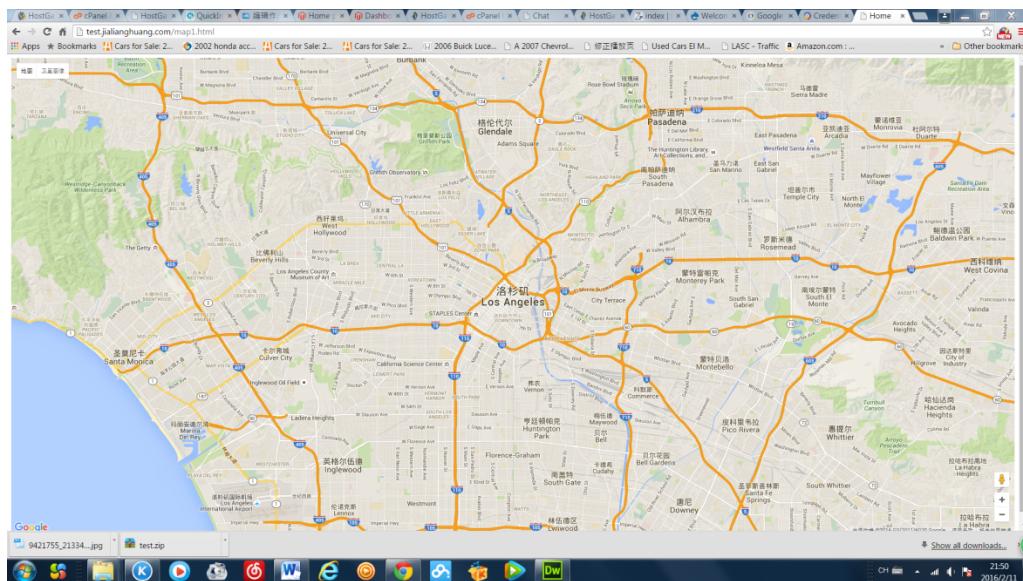


For people who are willing to buy some stuff from my website, I set up an online shop using PrestaShop. The products can be added to the online shop at any time by the manage system.

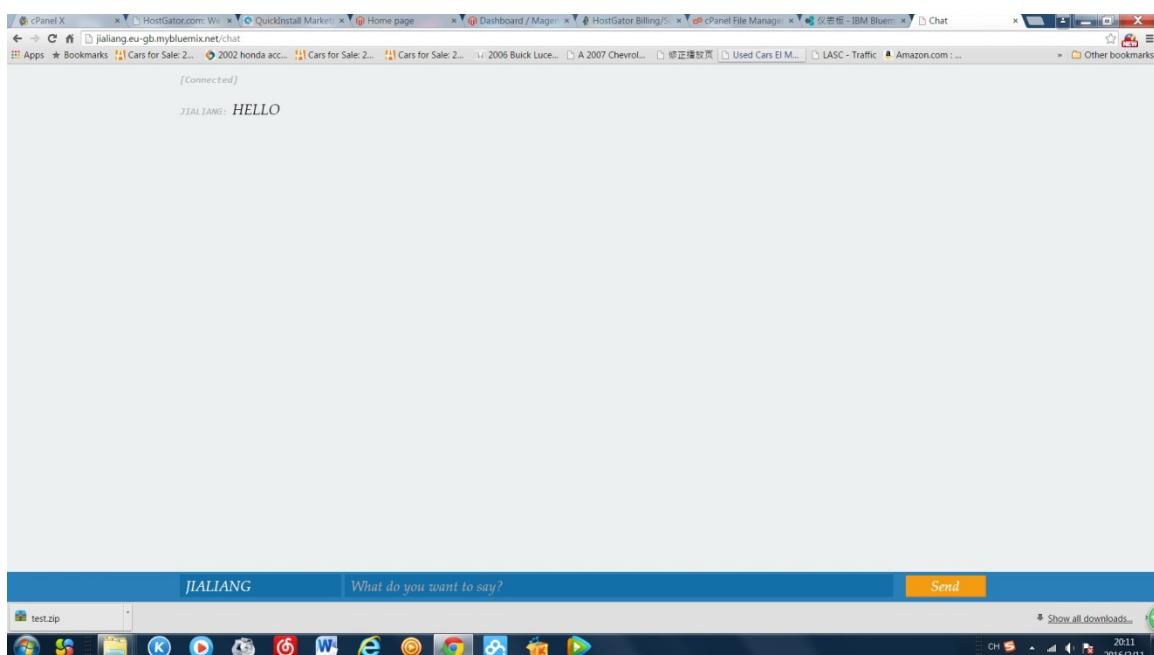
The screenshot shows the PrestaShop dashboard. On the left, a sidebar lists categories like Dashboard, Catalog, Orders, Customers, etc. The main area has a 'GETTING STARTED WITH PRESTASHOP' section with a rocket icon and a 'Take a tour: get started with PrestaShop' button. Below this is an 'ACTIVITY OVERVIEW' section with metrics for Online Visitors (1), Active Shopping Carts (0), and notifications. To the right is a 'DASHBOARD' section with a chart showing Sales over time from March 28 to April 28, 2015. The chart shows a single data point at \$0. The top right features a news feed about e-commerce trends.

I use Google Maps API to show the location of cities. The maps help people plan their trip well.

The screenshot shows the Google Developers Console. The left sidebar has 'API Manager' selected. Under 'Credentials', there's a 'Create credentials' button. Below it, an 'API keys' table lists one key: 'google map key 1' (Name), 'Mar 2, 2016' (Creation date), 'Browser' (Type), and 'AlzaSyATbpAb-b1An2_BGuoVxJfVUwGKGwG4Q' (Key). The top right of the screen shows a 'SIGN UP FOR FREE TRIAL' button and a 'DISMISS' button. The bottom right shows system status: battery level (44%), signal strength, and the date/time (11:02 PM, 3/2/2016).



The Chatroom was programmed by Node-RED and I will add some new function in it.



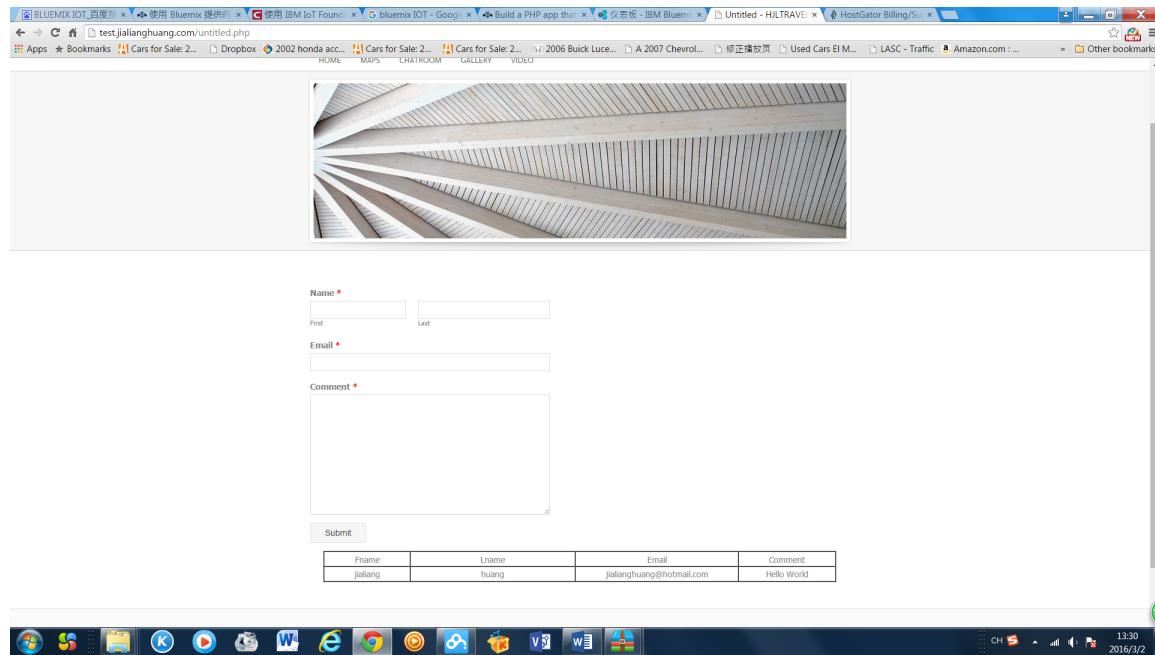
I use IBM Bluemix Internet of Things Platform to build a PHP application for collect GPS data from users. I applied a IOT Foundation API Key for the application.

The screenshot shows the 'Access' section of the IBM Watson IoT Platform. It lists an API key named 'a-7j2pz2-z3tqcvhz6k' with the comment 'IOT API'. There are buttons for generating a new API key and deleting the current one.

This application help collects the information about where people want to go. By using IOT in my website, the website can also provide some useful service for users. I programmed a PHP application, comment.php for users to submit the comments. These are the source of comment.php.

```
File Edit Selection Find View Goto Tools Project Preferences Help
Comment.php *
1 <html>
2 <body>
3
4 <?php
5 $servername = "localhost";
6 $username = "jialiang_db1";
7 $password = "iqliqqliq";
8 $myconn = mysql_connect($servername, $username, $password);
9 mysql_select_db("jialiang_db1", $myconn);
10
11
12
13 $sql= "insert into comment values ('$_POST[Fname]','$_POST[Lname]','$_POST[Email]','$_POST[Comment]')";
14 mysql_query($sql);
15 mysql_close($myconn);
16
17 ?>
18 <script language='javascript' type='text/javascript'>
19 window.location.href="http://test.jialianghuang.com/untitled.php";
20 </script>
21 </body>
22 </html>
```

Those comment will be stored in the MYSQL database. Also, the website will show those comments.



The Content Management System of the website are Drupal 7.

