Student name: _____   **Score:** _____

- **Project description**: Display stores on Google Map.
- **Bonus due date: the same as phase 2, by 11:59pm 4/20/2019. Late penalty: 10 points/week.**
- This bonus project is based on phase 2. **Maximum 30 points will be added to phase 2.**
- All store information should be retrieved from table **CPS3740.Stores**. **Do NOT hardcore any values.**
- Please refer to the demo project at http://imc.kean.edu/CPS3740
- **Bonus project will require you to write a program names "display_stores.php" to do the following functions.**
- Add a new link "**Bonus**" under Project 2 on the project home page as show in Figure 1.
- **Store data must read from the database. The bonus project won't be counted if the data is hardcoded.**

1. _____ (**5 pts**) After "**Bonus**" link is clicked, the program should **read** and **display** stored id, name, address, city, state, zipcode, and GIS location (latitude, longitude) on the web page in <TABLE> format as shown in Figure 2. Store information should be retrieved from **CPS3740.Stores** table. Do not display the store if its GIS location is unknown.

2. _____ (**5 pts**) A new tab or window should display a single Google Map under the store information table on the same web page as shown in Figure 2.

3. _____ (**6 pts**) Stores should be correctly marked with their **store id** at the **correct positions** on the map.

4. _____ (**7 pts**) When the store is clicked, the corresponding **store name**, **address**, **city**, **state**, **zipcode** should be displayed above the store marker.

5. _____ (**7 pts**) The Google map center should be at the average location of all stores. The center should be readjusted automatically if the store records are changed. The zoom level should be properly set so all stores can be seen when the map is displayed.

6. Bonus should be submitted with phase 2 together through class website: http://imc.kean.edu/students/

Welcome to Austin CPS3740 Project

1. Project 1
2. Project 2
3. Bonus

Figure 1

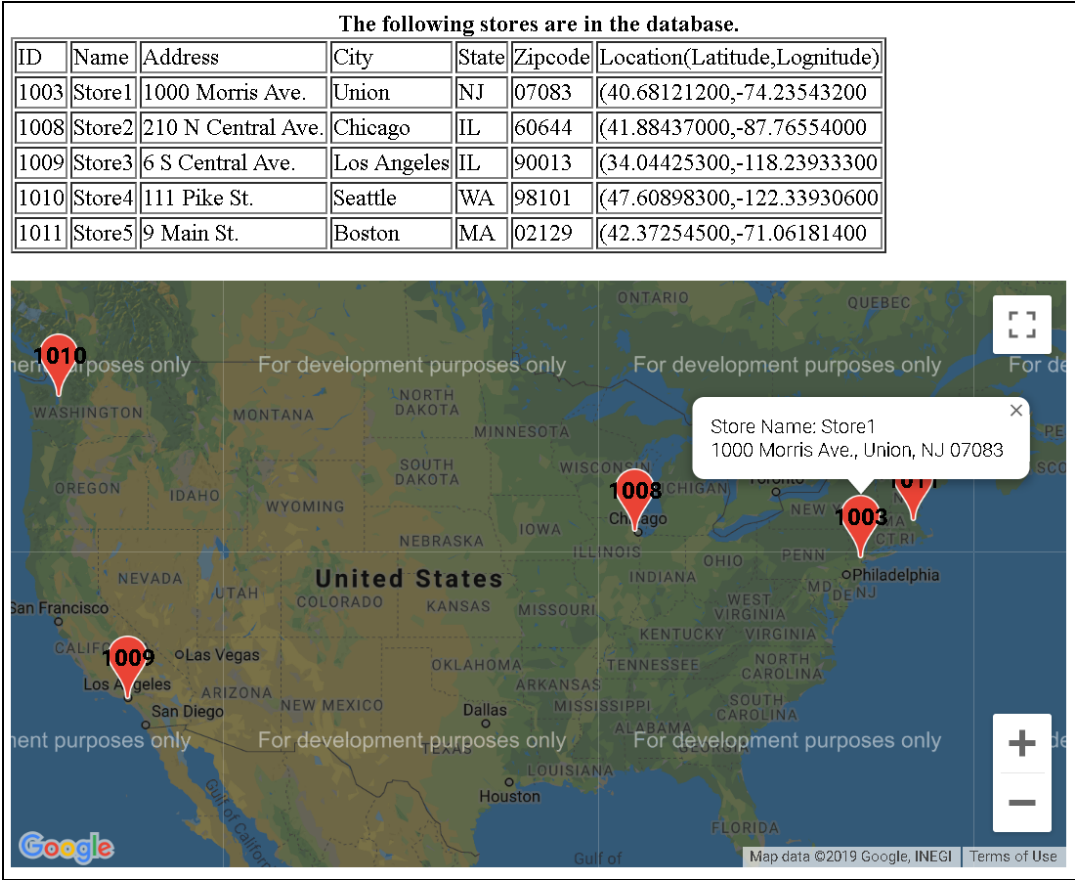| ID	Name	Address	City	State	Zipcode	Location(Latitude,Lognitude)
1003	Store1	1000 Morris Ave.	Union	NJ	07083	(40.68121200,-74.23543200)
1008	Store2	210 N Central Ave.	Chicago	IL	60644	(41.88437000,-87.76554000)
1009	Store3	6 S Central Ave.	Los Angeles	IL	90013	(34.04425300,-118.23933300)
1010	Store4	111 Pike St.	Seattle	WA	98101	(47.60898300,-122.33930600)
1011	Store5	9 Main St.	Boston	MA	02129	(42.37254500,-71.06181400)

The following stores are in the database.

Figure 2. The valid stores are displayed on the Google map.