**MEMORANDOM**

DATA: June 6, 2015

TO: Jack Brown, Vice Present

FROM: Yuanzhe Li, Project Manager

SUBJECT: Lab Report for June 2015

**INTERDUCTORY SUMMRY**

Last month, our database course teacher give us a task to build a database in order to store classmate information such as students ID, name, score, age etc. Then our group has been busy in search information about how to build a database and set a series of step to finish the task. We prepare our work and discipline own performance.

**LAB MATERIALS**

Our lab analysis relies on only one piece of specialized equipment: laptop. Besides the hardware(laptop), we also need the software. It’s MySQL that can help us build a database. The application should be run on windows 8.

**LAB PROCEDURE**

Once we receive the requirement, we first try to how to run the database on windows 8. Then we divide our lab steps into 4 parts. And as follows:

**Step1**

Instructions for these steps can be found in the reference documents and the lecture0.

Install MySQL on your Laptop/Computer, and configure to make it run properly.

**Step2**

1) Create the database dblab1.

2) Create the salespeopletable in the database and insert data into the table.

create table salespeople (SalesID smallint(6) primary key,

FirstName varchar(40),

LastName varchar(40),

Initials varchar(10),

Base Decimal(5,2),

Supervisor smallint(6));

Insert into salespeople values (1,”Bob”,“Bentley”,“bbb”, 100.00,4);

**Step3**

Run the following SQL query:

SELECT \* FROM Salespeople;

**Step4**

At last, we design new database and put new table into it. Practice once more.

**PROBLEMS ENCOUNTERED**

The entire lab procedure went as planned. The only problem was that we can run the MySQL at first because our laptop didn’t have some necessary based software such VS2012 and java IDE. We spent a lot of time to figure out this problem, searching solution on the Internet. Finally, we solved it.

**CONCLUSION**

Our group all persevered in an effort in May. And we finish the task perfectly. We learn how to use MySQL to build a database and master our course. The most important thing is we build the database which is helpful for all of us. If we need to squire some information, we just need to seek the database for help. Last but not least, we will also import our database in the future.