Before I started my Internship in CIS class, I was already working on this project. So in this report I am going to summarize the work I have done for this project, which I missed during the semester break. Currently I am working on e-commerce website project. This project is data driven website where the owner of the (franchise) business is provided with form through which he can update product into the MySQL database with five different tables. First of all the database was created with five tables, which are related to each other through the primary eyes and foreign key. Besides this when the new owner adds new agents, they will be provided with their own tables which will copy all the data from the owner’s table but, they can always remove the products they don’t want sell through their store.

After that I started working on a script that will process and validate the data submitted by the owner before it is entered to the database. As there many hackers who are looking to exploit the security holes in the database management system, I came to learn that if the data are not validated then hackers database security vulnerabilities through the SQL injection. In SQL injection the hackers enter the different code which will make the database system malfunction. The problem of SQL injection has been very big issues lately. Although JavaScript can be used to validate the data before they are entered to the database. There different tools like “URL param (an add-on of Firefox)” to bypass the client side validation. I will summarize more detail about the script in next report.