CS 153 Project:

General Instructions

Develop a web application that can do the following

1. There will be one default user.
2. The superuser can Create, Update, View, Delete Users
3. Users can login/logout of the system using his username and password
4. Once a user is logged in the system, the system must show the complete username, name, address and birthday of the user. A user can change his name, address and birthday (but not his username)
5. A user currently logged, can also view the birthday of the others.
6. A user can see the other users who are currently logged in.
7. There will be a superuser who can view the names, address and birthdays of other users. He can also edit the details of other users.
8. A superuser can change a user into a superuser.
9. A superuser can change a superuser into a normal user
10. There should be atleast one superuser in the list of users.
11. Only a single user can be logged in at the same computer at a given time.

Implement the system using Codeigniter (<https://codeigniter.com/>).

Implement as many security features as possible. Use the OWASP guidelines to guide you on the security features that you will implement.

This project will be deployed on a cloud server. One week before the deadline, a cloud server will be made available to the group to deploy the project. Projects that are not properly deployed in the server will get a grade of zero.

User interface will not be graded.

Groupings will be pre-assigned.

Grading System:

1. Functionalities Implemented – 30 points
2. Security Functionalities - 70 points
3. Security Audit – 50 points

The total grade will be same for all the group members. However a peer grading factor will be incorporated to determine the final grade of each member of the group.

Deadline: - May 20, 2017.