**Assignment-4**

**Harish Kumar Nimmala (800898019)**

**Harsh Akotiya (800937222)**

1. **Indicate the assignment 3 submission that was used as starting point to this solution:**  Harsh’ assignment 3 was taken as starting point and was modified as per the Requirements.

1. **Status of project:** Completed

1. **Division of Labor:** We initially had a meeting to discuss the scope of the assignment and determine the tasks. Based on the discussion we divided the tasks equally and fairly among us.

**Harish:**

Update UserController

Sending & validating activation link on signup

TempuserDB

**Harsh:**

JSTL out tags

Hashing & salting

Prepared statements in DB

**Additional Features:** Implemented forgot password feature & the functionality “The user receives 2 coins when his friend signs up”.

|  |  |  |
| --- | --- | --- |
| **Counter Measures** | **File Name** | **Comments** |
| Recommend function | RecommendDB  Recommend.java | Once we recommend to a friend, then he receives an email with the signup link. When he signs up, the recommender gets 2 coins credit. |
| Forgot password | ResetDB  Reset.java | When we click on forgot password, it asks the email address and a reset password link is sent to that email address and then the password could be updated. |

**Credentials:**

**User:**

Username: harsh@uncc.edu Password: 1234

**Admin:**

Username: harish@uncc.edu

Password: 1234

**d) Discuss easy and challenging parts of the assignment. How did you overcome?**

Salting passwords, recommend functionality & forgot password functionality became bit difficult and it overcame by browsing different sites.

We had some issues while running the application in the openshift.