NORTH SOUTH UNIVERSITY

CSE 225 Lab Project



**Course Title :** CSE 225

**Section :** 04

**Faculty :** MAY

**Due Date :** 02/04/17

**Project Members**

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**Project Name:** Encrypted FaceBook

**Project Description:**

1. The program will open with a sign in/sign up page where new users can Sign up.
2. The information’s for sign up will be saved in an external file in encrypted form for future use.
3. Existing users can Sign in to their respective accounts. The email address and password of a user will be used to confirm user existence and to sign in a user.
4. Once signed in users can find many options like:
   1. Home page: Here users can view their current newsfeed and update their status. This status can be viewed by the friends in the user’s friend list. From the creation of the account all status will be saved in an external file in encrypted form so the privacy of the user will be assured.
   2. Message: Here users will find all the messages sent by a friend. A user can also send messages to his/her friend from here.
   3. Notifications: Here users can view all the new updates by friends and friend requests from new people.
   4. Friend List: Here Users can view the friend list. This will also be saved in an external file in encrypted form. Users will also get the option of viewing friend’s info, unfriending or messaging a friend here.
   5. User list: This will show all the Users Name. Users will also get the option of sending friend request here.
   6. Logout: The user will be able to sign out using this option.
5. All the external information’s will be kept encrypted for the purpose of privacy.

P.S: Structures, classes, built in libraries like vector, stack, queue, fstream and many more will be the main components for this project.