**Back Channel App**

**CSC 517 OBJECT ORIENTED LANGUAGE SYSTEMS                 FALL 2013**

**Website Link:**

**Team:**

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| --- | --- | --- |
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**USER CREDENTIALS**

**Super Admin Details**

**Username:** superadmin

**Password:** superadmin

**Email:** [superadmin@ncsu.edu](mailto:superadmin@ncsu.edu)

Note: The super admin would be able to delete himself or other admins. He can promote a user to admin status, delete other regular users and posts.

**Admin One Details**

**Username:** admin

**Password:** admin

**Email:** [admin@ncsu.edu](mailto:admin@ncsu.edu)

Note: The admin would not be able to delete other admins. He would be able to delete himself. He can promote a user to admin status, delete other regular users and posts.

**Admin Two Details**

**Username:** pringle

**Password:** pringle

**Email:** [pringle@ncsu.edu](mailto:pringle@ncsu.edu)

Note: pringle is a user who has been promoted to admin status by superadmin. You can try deleting pringle by logging in as admin and it would not be allowed.

**Student Details**

**Username:** parineeti

**Password:** parineeti

**Email:** [parineeti@ncsu.edu](mailto:parineeti@ncsu.edu)

Note: parineeti is a regular student user and has no admin status. She can be promoted to admin status by the admin or the superadmin

**Additional Features Implemented**

These are features that were not part of the requirement document but implemented to make the user interface more appealing and user friendly for the end user.

**Password Encryption:**

It is not good design to store the password directly. We have implemented password encryption feature in this project. When you see the database, the password is encrypted and stored. Users of Back Channel App feel safe because their password is not accessible by anyone but themselves. We have made use of BCrypt gem.

**Demoting an Admin:**

This is an extra feature of the Admin Control Panel that we have provided and is independent of all other features. A User who has been promoted as an admin, can also be demoted to a regular user by the admin or super admin. This means, the admin rights that has been given to a user can be revoked and he can be made a regular user and would no longer have access to the admin control panel.

**Account Settings:**

Every user account has access to account settings which allows them to change their password. It automatically loads their existing details such as username, password and email into the form and asks the user to enter a new password and password confirmation.

**Instructions**

**1. Create a New Admin**

a) Create a new user using the sign up form in the home page

b) Login using Super Admin Credentials

c) In Admin Control Panel, select ‘User Details’

d) Click on ‘promote’ option against that user

e) Now a new admin has been created and has his own admin panel

**2. Promote a User to Admin**

a) Login using **admin** or **superadmin** credentials provided above

b) In Admin Control panel, select ‘User Details’

d) Click on ‘promote’ option against that user

e) Now the user is an admin and has his own admin panel

**3. Deleting a User**

a) Login as using **superadmin** credentials provided above

b) In Admin Control panel, select ‘User Details’

c) Click on ‘delete’ option against that user

d) Select ‘OK’ in the confirmation prompt

e) Now the user has been deleted

**4. Deleting a Post**

a) Login as using **superadmin** or **admin** credentials provided above

b) In Admin Control panel, select ‘Monitor Posts’

c) Click on ‘Destroy’ option against that post

d) Select ‘OK’ in the confirmation prompt

e) Now the post has been deleted

**5. Generate Report**

a) Login as using **superadmin** or **admin** credentials provided above

b) In Admin Control panel, select ‘Generate Report’

c) In the text box, enter the last number of days for which the report has to be generated

d) Click Submit and generate report for the particular number of days

**6. View User Details**

a) Login as using **superadmin** or **admin** credentials provided above

b) In Admin Control panel, select ‘User Details’ menu item

c) The list of users and their details are displayed

d) Options to promote the user to admin and delete the user are available for every user

**7. Create a new Category**

a) Login as using **superadmin** or **admin** credentials provided above

b) In Admin Control panel, select ‘Create Category’ menu item

c) List of categories are displayed along with options to edit and delete it

d) Click on ‘New Category’ in the bottom and enter category name in text box

e) Click on ‘Create Category’ button and the category gets created