# FULL INSTRUCTIONS FOR OPERATION AND TESTING OF OUR STUDENT SOCIAL NETWORK SYSTEM

For CS 4770 Group B

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# 1 Introduction and Preface

The purpose of this document is to give anyone who is looking to operate or test our student social network system a clear understanding of how to do so. In this document, we will outline, by each given requirement in the Project Description document found on D2L, how to test every feature of our system.

An important and necessary feature for browsing the contents of our site is a drop-down menu located in the top right-hand corner of every page. It is the main means of navigation for our site, and from this point forth, for the purposes of this document, we shall refer to it as the "navigation menu".

The site also has a search bar, visible from all pages, at the top of the page. Searching with this bar empty will display all users and groups in the database. Searching for a user or group will require the entry of the full name (case insensitive).

# 2 Installation Instructions

We intend to have our project up and running on Excalibur, at the URL sc-2.cs.mun.ca. However, if the server is down, you can still run our project on your local computer.

1. Download the repository from https://github.com/samuelash94/teamproject
2. Navigate to project/routes folder of the repository and add a new directory called "uploads"
3. Once finished, open the new "uploads" directory you just created and add another new directory called "lostItems"
4. Open 2 terminal windows
5. Assuming Node JS and MongoDB are already installed, please navigate to the project folder of our repository in the first window and run the command "npm install".
6. Once that is finished, in the other terminal window, please navigate to the MongoDB folder and then to Server/" version number"/bin and run the command "mongod.exe"

7. Back in the first terminal window, run the command "node app". Note as well, you may need to install additional modules that have not been installed already
8. The server should now be running on port 3000 in your localhost.

## 3 User Registration

Upon accessing the front page of our site, one will be presented with the login page. Clicking on the navigation menu while logged out will give the user four simple choices; accessing D2L's login page (https://online.mun.ca), accessing the my.mun.ca login page (https://login.mun.ca/cas/login?service=https%3A%2F%2Fmy.mun.ca%2F), "login", and "register". The "login" option is the page upon which the user currently finds themselves. To begin registration, click "register".

On the registration page, the user must fill out all specified fields to register. The user must enter their full name, a unique username, a password, which must match a confirm password field, a valid @mun.ca email address, a student number (an integer value), and select the nearest campus to them. Upon filling out these fields and clicking "Submit", the user will then be redirected to the login page, and a confirm email will be sent to the @mun.ca email address they provided. The user must then click the link in the given email to verify their account and be able to log in.

Note that the user is not required to have a profile picture, but it will be described how the user can upload one later in this document.

## 4 Friends

The user may find and add friends a number of ways, the first and most obvious way is by searching for the full name of a friend through the search bar at the top of every page. Other ways include through global posts, groups, and the lost and found section, all of which will be outlined later. Upon accessing the profile page of a user, the "+Add Friend" button is visible just under the user's profile picture (if they have one), or directly under the user's name. Clicking "+Add Friend" will send the other user a friend request, which they must accept by viewing their own profile page to accept. You can reject friend requests, or remove any of your friends by viewing your profile settings.

## 5 Profile & Profile Settings

To view your own profile, on the navigation menu, click "My Profile". On your profile you can see your list of friends, friend requests, suggested friends, group invites, resumé (if uploaded) and schedule. Note that only you can see your friend requests and group invites, and only you or your friends can see your resumé. At the bottom of your profile page is a posts section, which displays all public posts which you have made, as well as all posts people have posted on your wall.

To view your profile settings, at the top of your profile page, click "Settings". Note that this can also be accessed under "Settings" in the navigation menu. In here, you can change the default visibility of your posts (which does not effect the visibility of all of your other posts), choose who may post on your wall, and remove friends.

You can select from, everyone can see my posts, only friends can see my posts, only I can see my posts, or only a list of friends can see my posts. Upon selecting and submitting the latter option, the list of friends who you wish to see your posts becomes visible. You may select one or more friends by CTRL+clicking this list. Choosing the options for who can post on your wall presents you with the same options. You can also remove one or more friends at a time by CTRL+clicking the list of friends near the bottom of this page. Note that it is currently impossible for a user to delete their profile. Also note that the visibility of any posts already created cannot be altered here, but can be modified individually both before and after posting. See the posts section below for more information.

## 6 Posts & Comments

Any member of the site may post content on the dashboard. Any user of the site may also post on their own wall, or on the wall of a group which they are in. To create a post, on either the dashboard (navigation menu -> Dashboard), your profile, the profile of another user which you have permission to post in, or the page of a group which you are in, click "Create a Post". Upon doing so, a text area for the post's content becomes visible. The user may enter text in this text area, and if posting globally, select the visibility of the post and click "Submit". Note that the visibility selected is set to default to the user's preferred default post visibility. If posting on a wall or in a group, any other user may view your post, and this cannot be altered.

Comments can be made on all posts which the user can see. If a post is not visible, neither are its comments. A history of previous comments is presented to the user via a pop-up when they click "Comment History".

Note that only you can edit or delete your own posts or comments, with the exception that you may delete any posts made on your wall (even if it is not your post). Note that when editing a post, the visibility of that post may also be altered.

## 7 Groups & Group Settings

Any user may create a group at any time. To create a group, go to (navigation menu -> Groups) and click the create group button. You should then see an input for your group name, a text area for the group description and a select with the option for the group to be private or public. If the group is private, then the user would have to request to join the group and the owner (you) would have to accept or reject the request. If the group is public, any user can join the group without request.

In the settings page for a group, found on a group's page in the same fashion as profile settings, the owner of a group may invite/add members (dependent upon the privacy of the group), promote or demote group admin, remove members, change the group's privacy, or delete the group. Note that admin may also access the settings page of a group, similar to the owner, but may only invite or add members to the group.

## 8 Viewing Lost And Found Items

Click on (navigation menu -> "View Lost Items"). When viewing lost items, the page will load all items that you have found first, then it will load all other items. For items which you have found, you have the option to change the photo by clicking on the change photo link. If your item has been claimed by someone, it will display the name of the person and their email.

You have the option to unclaim an item or set it back to that state that not one has claimed it. This happens if it is determined that the person who claimed the item does not own the item. You also have the option to delete the item when the process is finished. You do this by pressing the delete item button.

For items which you have not found, you have the option to claim an item by clicking "claim item". Once clicked, the page will flash the phone number of the person who found the item (only if you are friends with the person). Otherwise, the page will flash the email of the poster. If the item has been claimed by someone already, it will be indicated.

For each item, the location address will be displayed and a google maps mini-map with a pin on the address will indicate where the item is.

## 9 Posting a Found Item

Click on (navigation menu -> “Add Lost Item”). You will then be redirected to page to add a new lost item. Please fill out all fields for item description, street address and phone number. Select one of the three options for region found. Once done, click the submit button. You will then be redirected to another page to upload a photo of the lost item. This process is the same as uploading a profile picture or resume.

When you are finished, click the link to view all lost items. You can also navigate to this page from the dropdown in the right corner.

## 10 Creating and Viewing Schedule

Click on (navigation menu -> “Schedule”).

To add a course to your schedule, click the "Add Course" button to load the adding interface. Select a course from the "Course Name" dropdown, select any days the course takes place by clicking the checkbox next to the day, enter the starting and ending time (hour/minutes/AM or PM) for each selected day, and the course slot. Click "Submit" to add the course to your schedule. There must be a course name and slot selected, as well as at least one day in order to successfully add the course. View your schedule by clicking the "Show Courses" button to see the courses on your schedule, including the one you just added. Your schedule is also publicly visible on your profile page.

To remove a course from your schedule, click the "Show Courses" button to display the courses on your schedule. Click the "Delete" button from the course you wish to remove from your schedule.

## 11 Creating and Using Polls

Click on (navigation menu -> “Polls”).

To create a poll, select a course name from the dropdown list and click "Submit". Click "Show Polls" to view the list of polls, including the poll you just created. To vote on a poll, click "Show Polls" to view the list of polls. Select a star rating for the course and click "Vote" to cast your vote. You must have the course the poll is about on your schedule to vote on it and you must select a rating to successfully cast your vote.

## 12 Uploading Profile Pictures & Resumés

Click on (navigation menu -> "Uploads"). There is also an "Upload File" button at the top of your profile page. Click on it to be redirected to the uploads page. Once there, you will see two radio buttons for a profile picture and a resume. Click on one of the two radio buttons. Then click the upload file button to open your file system window to chose a file to upload.

For profile pictures: we recommend both jpeg and png formats. For resumes: We recommend both docx/doc and pdf formats. The uploader only accepts files that are 16 mb and below. Once done, go back to your profile page to see the changes.

## 13 Posting Feedback

To add feedback, click on the submit feedback tab on the dropdown in the right-hand corner.  Please fill out all fields for title, description, and type, and click the submit button. You will then be redirected to a page with all feedback from the users. If a feedback post is yours, you will have the option to delete it by clicking the delete button.

## 14 Resetting Your Password

If you should forget your password, while logged out, click on "Reset Password". After entering your username and email, a link will be emailed to you. After clicking the link, you will be redirected to a page where you may reset your password.