

Requirements for Capstone Project

Created by Victor Bashorun, Andrew Bockus, Cornelius Donley, and Tim Schneider

1. Login

There must be a secure login interface that upon sign in, redirects the user to their respective interface depending on their account privileges: User, Graduate Office, or Administrator.

2a. Account Information

User:

Name	Address	Phone Number	Non-NCC Email Address
NCC ID Number	Occupation Prior to Graduate School	Time of Last Login	Birthdate
Alumni or Student	Ethnicity	Username	Password
Previous Graduate Degrees	Previous Graduate Schools	Current Graduate Program	Photograph
Current Employer	Employer Address	Position at Employer	Salary Range
Employment Start Date	Employment End Date	Graduation Date	

Graduate Office:

Name	Email	Position	Username	Password	Time of Last Login	ID
------	-------	----------	----------	----------	--------------------	----

Administrator:

Name	Email	Position	Username	Password	Time of Last Login	ID
------	-------	----------	----------	----------	--------------------	----

On each User page, the information should be displayed in three different sections: User Info, Employer Info, Surveys.

All Users, Graduate Office, and the Administrator should have an always-visible navigation area that displays the different actions available to them. Only the Administrator will have the ability to add, update, and delete any account. A Graduate Office account can only add or update a User account.

Users need the abilities to (1) choose whether their information is associated with survey responses in order to keep their responses anonymous, (2) access their account settings, and (3) in some way be able to opt-out of the following three categories of automated email that may be sent: All, Surveys, News.

There must be a password reset option. Administrator or Graduate Office can reset user passwords. Administrator can only reset Graduate Office passwords.

2b. Giving Back

Users have the ability to submit opportunities to give back or help North Central College in some way. Possible options include internships, guest speaking, mentoring, or some other non-monetary form of assistance.

When this form is submitted, designated Graduate Office account will receive a notification so that they can decide if they want to follow up with the User.

3. Surveys

When Users first sign up, they will need to fill out an entry survey. When they have graduated, an exit survey will become available. Graduate Office will be able to track which Users have not completed specific surveys.

When a User logs into the system, a list of available surveys will be displayed.

Graduate Office accounts need to be able to create new surveys with the option to make them available to certain groups of Users.

4. Reports

There needs to be the ability to create reports based on survey results and search queries with a number of preset options, as well as the ability to create custom reports. These should be able to be exported into Excel spreadsheet format for easier viewing and management.

5. Admin

The Administrator will be the only account that is able to create, update, or delete both Graduate Office and User accounts.

6. Search & Saved Lists

Graduate Office:

The Graduate Office has the ability to search through the database information by any of the information that a User has provided to their account. After a search has been completed, the Graduate Office should be able to save individual users to a Saved List. The information displayed in a search result should be limited to name, degree program, email, employer, graduation date, and any other fields the Graduate Office account used to search to not clutter the screen. The Saved Lists need to be exportable into an Excel spreadsheet, along with their emails for use in sending group emails via Groupwise.

Users:

The User has the ability to search for other Users if they have opted-in to searches from other Users. Only basic fields such as name and degree should be shown.