

Team: clout_computing

Team Members: Sreya Nalla, Catherine Meadows, Rishiraj Kanungo

CS2541 Phase 1 Demo Write Up

I. Relevant URLs

A. Project main page:

http://gwuppyterhub.seas.gwu.edu/~sp20DBp1-clout_computing/clout_computing/phase1/home.php

B. Team GitHub Repository: https://github.com/cs2541s20/clout_computing

II. Roles of Team Members

A. Catherine Meadows

1. Application (save, submit, edit, view, start); *Relevant Pages:* app.php, viewApplication.php, save-app.php, submit-app.php, navAppPortal.php, submittedApp.php, savedApp.php
 - a) All backend
 - b) Generate account and secure password and email recommender upon submission
2. Applicant Portal (display current and past applications for ‘edit’, ‘view’, ‘start’); *Relevant Pages:* app.php, viewApplication.php, applicant.php, navAppPortal.php
 - a) All backend
 - b) Front end for table display
3. Recommendation Letter Form; *Relevant Pages:* recForm.php, navRecFormPortal.php, validLetter.js, submittedLetter.php, savedLetter.php
 - a) All backend
 - b) Frontend form validation (JavaScript)
 - c) *Extra feature:* JavaScript feature for live count of words and characters
4. Recommender Portal (display current and past recommendations for all students and link with ‘submit letter’ button); *Relevant Pages:* navRecPortal.php, recommender.php
 - a) All backend
 - b) Front end for table display
 - c) Search bar functionality

B. Sreya Nalla

1. System Administrator Portal

Relevant frontend pages: sysadmin.php, dynamicSearch.php, viewHistory.php, fullApps.php

Other pages: add-rec.php, add-user.php, edit-sys.php, fetch-sys.php, rec-prof-edits.php, remove-user.php, update-user.php, sysad.js, sysadmin-search.js, included stylesheets, navSys.php

- a) Update all user personal information/profiles
 - (1) Form validation (JS, JQuery, Ajax)
 - (2) *Extra feature:* Toggle password and SSN (JS)
 - (3) *Extra feature:* Modal popups (JS)
- b) Create new users and recommenders (frontend and backend)
 - (1) Cannot create users if username/SSN already exist in DB
 - (2) Generate randomized password and email user/recommender if account created successfully
 - (3) Form validation (JS, JQuery, Ajax)
 - (4) *Extra feature:* Modal popups (JS)
- c) Remove Users (NOT recommenders)
 - (1) Backend (remove all instances of user in every table)
 - (2) Confirmation popup to make sure of deletion about to occur (JS)
- d) View all applicants' application history
 - (1) View current and past applications
 - (2) If current application, System Admin can edit only personal information on the application
 - (3) If past application, System Admin cannot edit any information
 - (4) *Extra feature:* Toggle SSN and password to view
- e) Dynamic Search (JS)

2. Application

Relevant Pages: app.php, viewApplication.php, phase1/updateProfile.php validapp.js

- a) Frontend
- b) Form validation (JavaScript)

- c) Update user profile
- 3. Home Page
 - Relevant Pages:* home.php, validate.js, included stylesheets
 - a) Login frontend and backend functionality with full form validation (JS, JQuery, Ajax)
 - b) Signup frontend and backend functionality with full form validation (JS, JQuery, Ajax)
 - (1) Check existing users
 - (2) Create if username/SSN are not in DB
 - c) *Extra feature:* Front end form validation for login and signup - live input requirements shown on hover (JS, CSS)
- 4. Front-end Styling: styled all application forms (app.php, viewApplication.php), recLetter.php, all System Administration pages (sysadmin.php, dynamicSearch.php, fullApps.php, viewHistory.php, updateProfile.php)

C. Rishiraj Kanungo

- 1. Reviewer Portal (display applications to be reviewed and link with 'review application' button)
 - a) All backend for all types of reviewers
 - b) Change transcript status from Reviewer Portal as GS
 - c) Search bar implementation
- 2. Reviewer Forms
 - a) All backend for all types of reviewers
 - (1) GS and Chair able to see past reviews
 - (2) GS able to change Transcript Status
 - (3) GS and Chair able to determine final decision
 - b) Styled all applications that are to be reviewed

III. Assumptions & Design Choices

- A. We made the assumption/design choice that an applicant could not have more than one application open at a time (i.e. if they have an application that does not have a final decision yet, they are not able to begin another application)

- B. We made the decision that if an applicant was rejected for a particular semester, they become ineligible to reapply for *that* semester, even if applying for a different program
- C. Assumptions/design choices for System Administrator:
 - 1. CAN:
 - a) Create new users and recommenders
 - b) Delete users
 - c) Update user and recommender profiles
 - d) View all applicants' past and current app
 - e) Edit applicant's personal information when viewing current applicant applications
 - f) All personal (sys admin) information except username and UID
 - 2. CANNOT:
 - a) Change final decision on applications
 - b) Change UID, username, SSN on user/recommender accounts
- D. We made the assumption/design choice that an applicant is limited to 3 GRE subject scores on their application
- E. We made the assumption/design choice that a recommender cannot update their profile (this can only be done through the system administrator)
- F. We made the assumption/design choice that a reviewer cannot update their profile (this can only be done through the system administrator)
- G. Project specifications state that a graduate applicant visits a URL, fills out a form, and *then* an applicant account is generated for them (as well as a UID); However, in order to add the functionality of saving incomplete applications, we begin by letting applicants create an account (which generates a unique UID) and they use those credentials to save/submit applications and check on statuses

IV. Usernames and passwords for the different (prepopulated) users in the system

- A. **Recommender** Login Credentials:
 - 1. Username & email: meadowsc@gwu.edu
 - 2. Title/name: Dr. Roxana Leontie
 - 3. Password: \$QLinjection!
- B. **Applicant** Login Information:
 - 1. John Lennon
 - a) Username: johnnyL
 - b) Password: phpStorm!

- c) Applicant has an application with random data already submitted but nothing else (no transcript, no recommendation letter, no old applications)
- 2. Ringo Starr
 - a) Username: ringo
 - b) Password: ringoLoveSQL
 - c) Applicant has started an application with a few fields filled out but has not submitted it and has nothing else (no transcript, recommendation letter, no old applications)

C. Reviewer Login Credentials

- 1. Bhagirath Narahari (faculty reviewer)
 - a) Username: bhagahari
 - b) Password: CedarLogic
- 2. Heller Wood (faculty reviewer)
 - a) Username: WoodH
 - b) Password: weakPassword#
- 3. Pablo Frank-Bolton (grad secretary)
 - a) Username: pabloBolt
 - b) Password: arduino\$#!
- 4. Timothy Wood (chair)
 - a) Username: wood.Tim
 - b) Password: openNet\$!