Revised Project Features

Continuing Features (In order of priority)
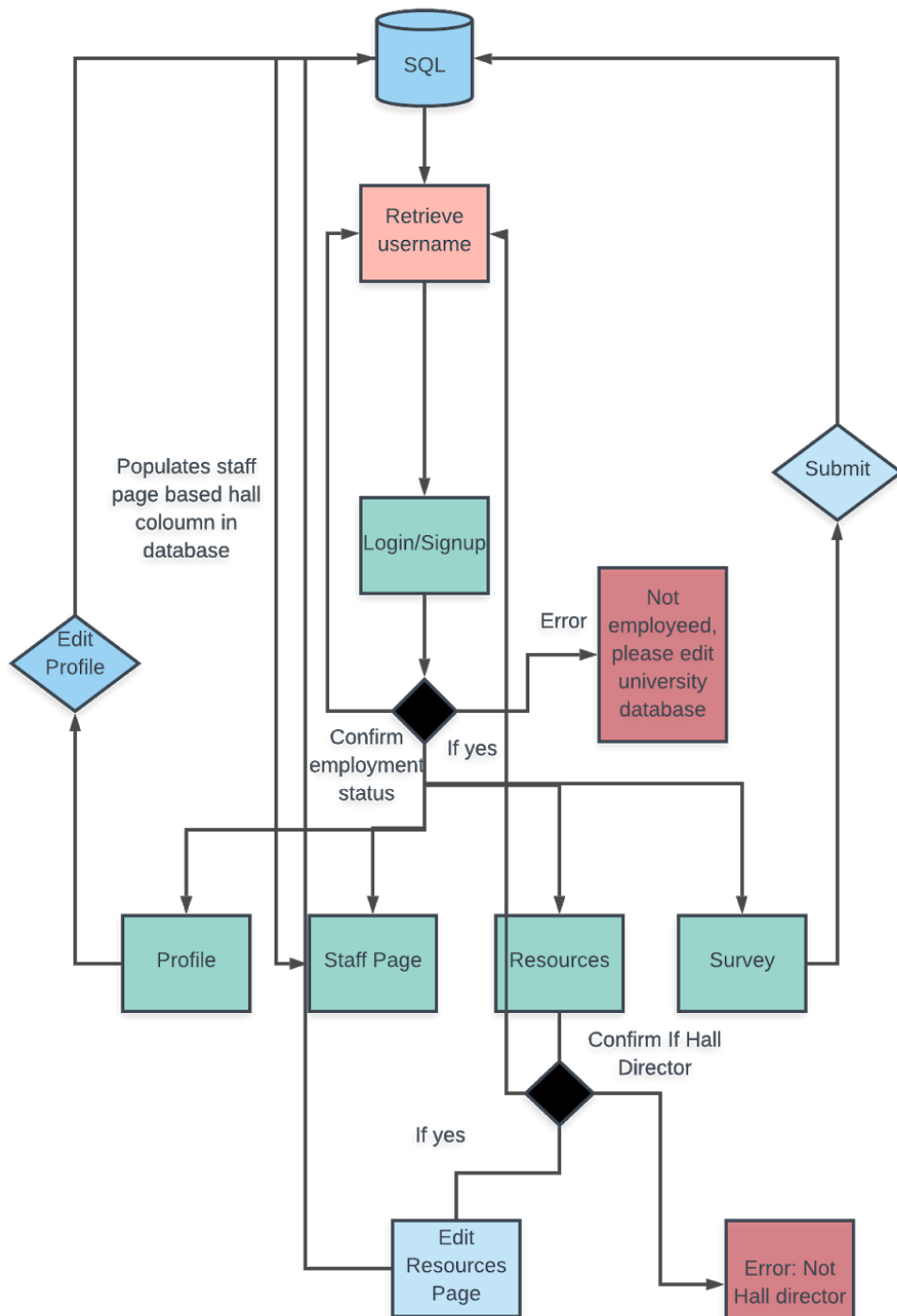
1. Home Page
   a. Describes the features of our website, i.e. resource links, profile customization, staff page for getting to know other staff, etc
   b. Contains a form for logging in
      i. Requires email and password to log in
      ii. Provides a 'sign up' option for creating an account, requiring the following information:
         1. First name
         2. Last name
         3. Student ID
         4. Email
         5. Password
         6. Confirm Password
2. 'My Profile' Page
   a. Displays the user's profile information
      i. First and last name
      ii. Email
      iii. Preferred first name
      iv. Staff position (RA or hall director)
      v. Major
      vi. Gender Identity
      vii. Bio
      viii. Picture
   b. Provide capabilities for each user to edit their profile. Certain information will be pulled directly from the university, and the following information can be changed by the user:
      i. Preferred First name
      ii. Gender Identity
      iii. Major
      iv. Bio
      v. Picture
3. Resource Page
   a. Include links to all websites relevant to resident hall staff, each with a description of what the given website is for
   b. Hall directors have the privilege to add links to this page
4. Staff Page
   a. Page where each staff member can see other staff members' profiles and get to know their coworkers
   b. Provides filtering of staff by dorms on campus
5. Feedback Form

a. This page allows users to fill out a survey regarding any emergencies or concerns they may have
b. Has the following fields to fill out:
    i. Urgency (number form 1-6)
    ii. Description (description of the user's concern)
    iii. First name
    iv. Last name
    v. Classification (user can select multiple areas in which their feedback is relevant)

Dropped Features
1. Calendar

Architecture Diagram

GitHub

SQL

Retrieve username

Populates staff page based hall coloumn in database

Login/Signup

Submit

Edit Profile

Error

Not employeed, please edit university database

Confirm employment status

If yes

Profile

Staff Page

Resources

Survey

Confirm If Hall Director

If yes

Edit Resources Page

Error: Not Hall director

Front End Design

Survey Page

MENU BAR

Survey

First Name

Last Name

Urgency of the issue from 1- 6, single select

○ ○ ○ ○ ○ ○

Comments

What the issue is about, multiple select

Submit

Feedback Form

First Name

First Name

Last Name

Last Name

Urgency of the issue
1 being most urgent

○ 1   ○ 2   ○ 3   ○ 4   ○ 5   ● 6

Comments

Check all of the below

☐ Scheduling   ☐ Dorm   ☐ Facilities   ☐ Coworkers   ☐ Events

Submit

Staff Profile Page:

Menu Bar

Picture of staff	Name
	Gender Identity
	Major

Description

Edit Profile

Staff's Personal Profile

Profile Picture

200x200

Choose File   no file selected   Upload Image

Preferred First Name

Gender Identity

Major

Description

300 Characters Max

Submit

Home page

Menu Bar with CU Buff logo

Title of the page

Log in

Picture

Resident Hall Staff Portal

Log In   Features

Email

Enter email address

Password

Enter password

☑ Remember me

Log In

Sign Up
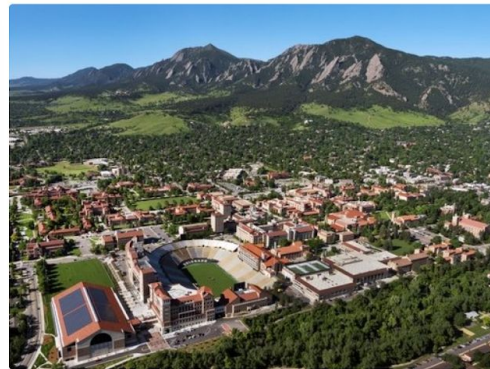

Image of the University of Colorado at Boulder Campus

Resource Page

Menu Bar

Title

Resource Cards

Resource Cards

Resource Cards

Home Staff Profile Resources Survey Log in

Resources Page

Use this page for access to all of the links used by Resident Advisors.

StarRez

StarRes contains student information. Use it to look up students when writing Incident Reports.

[Go There]

Internal Incident Report

Incident Reports are where you document policy violations or medical emergancies that happen in the resident halls. This internal link should not be shared outside of this page.
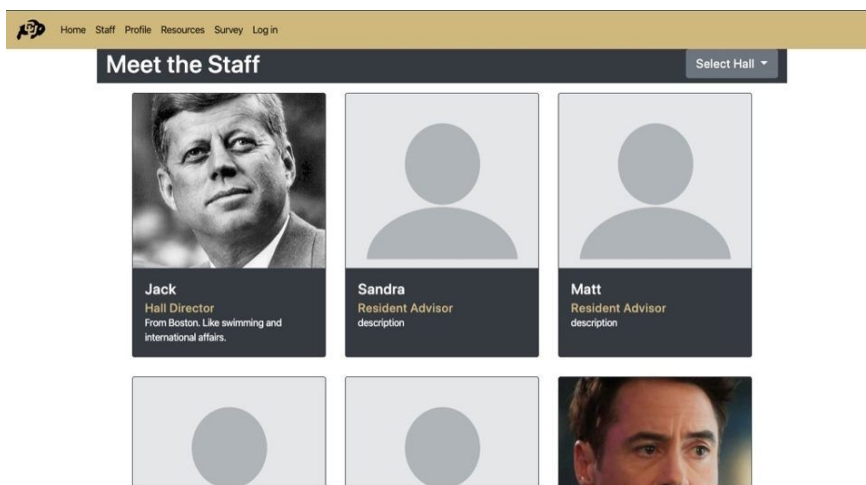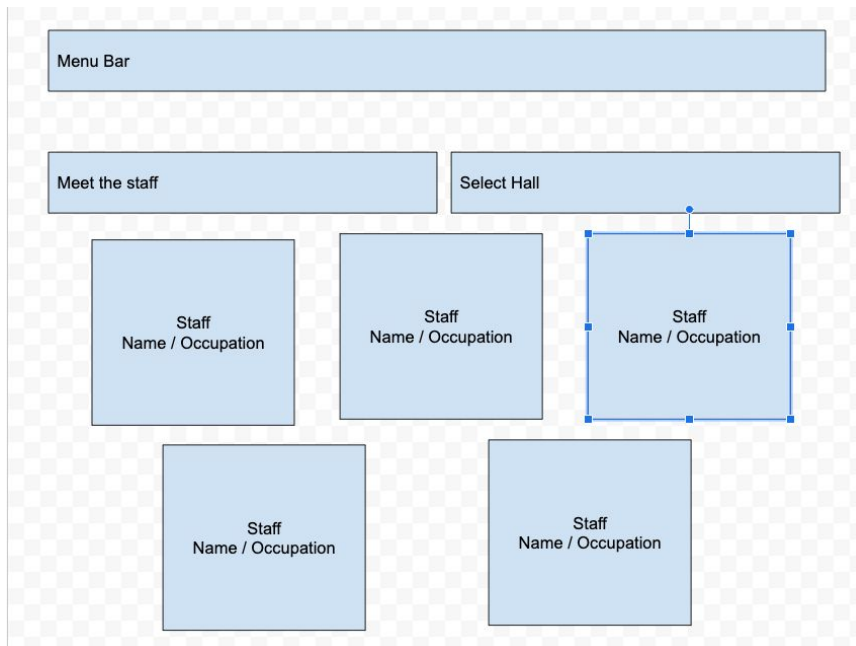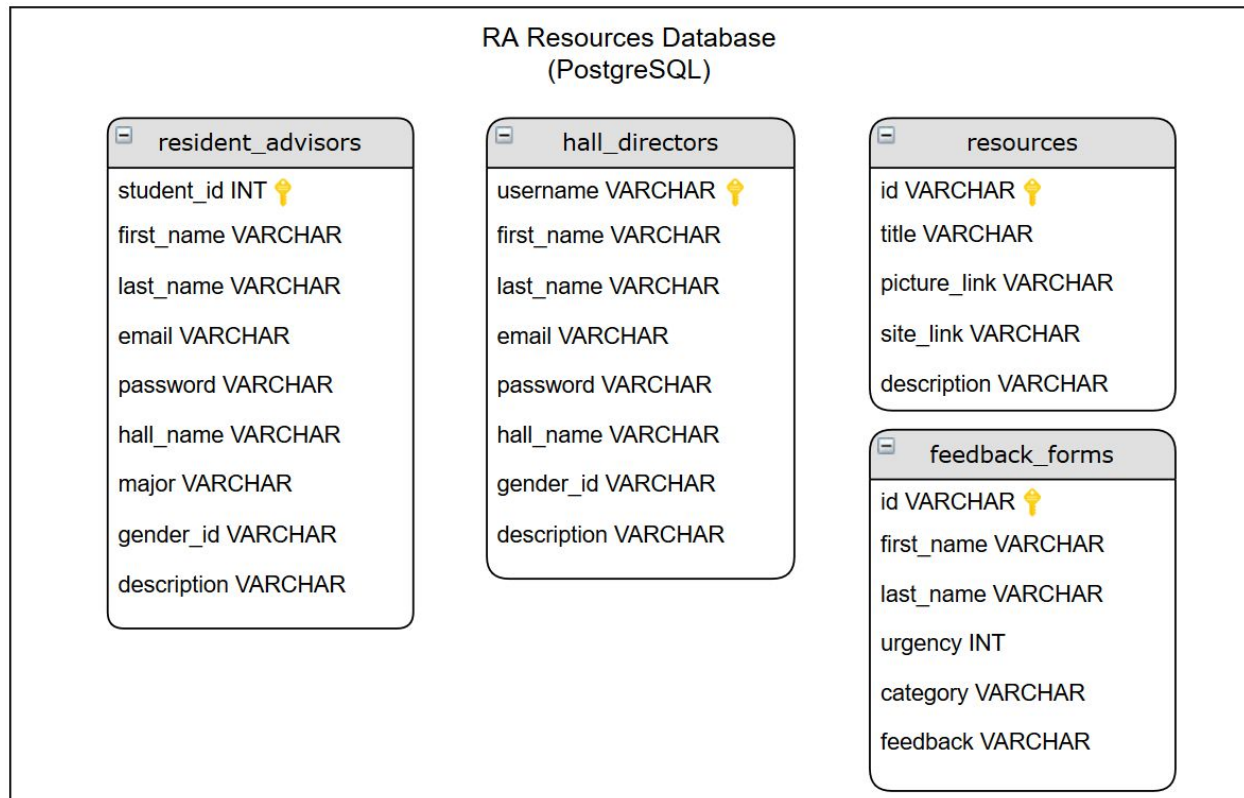
[Go There]

Duty Rounds

On the Duty Rounds form log with your duty partner what happened during each duty night. This form varies by dorm.

[Go There]

Staff Page

Database Design

RA Resources Database (PostgreSQL)

resident_advisors
- student_id INT 🔑
- first_name VARCHAR
- last_name VARCHAR
- email VARCHAR
- password VARCHAR
- hall_name VARCHAR
- major VARCHAR
- gender_id VARCHAR
- description VARCHAR

hall_directors
- username VARCHAR 🔑
- first_name VARCHAR
- last_name VARCHAR
- email VARCHAR
- password VARCHAR
- hall_name VARCHAR
- gender_id VARCHAR
- description VARCHAR

resources
- id VARCHAR 🔑
- title VARCHAR
- picture_link VARCHAR
- site_link VARCHAR
- description VARCHAR

feedback_forms
- id VARCHAR 🔑
- first_name VARCHAR
- last_name VARCHAR
- urgency INT
- category VARCHAR
- feedback VARCHAR

Notes On Project Demo
- The basics of each feature were completed, namely the front end, but the back end and database were not demonstrated during our demo.
- All of the front end was functional during our demo, and we were able to successfully show each page of our website
- Main issues faced during development were time management with other classes, and some troubles with pushing/pulling from Github using the terminal.