Residence Hall Staff Portal

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Group Communication

❖ Meeting every Tuesday from 9AM to 11 AM, Engineering Lobby

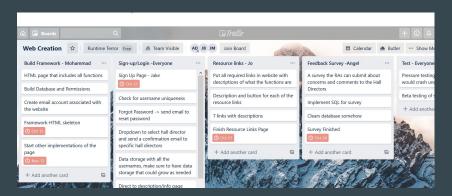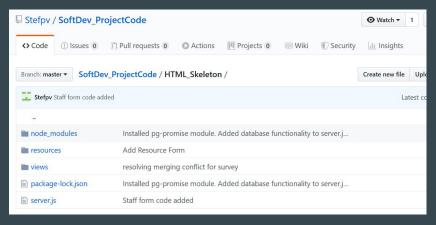❖ Use the GroupMe app for regular communication.

Tools

❖ Trello
  ➢ Project Tracker
  ➢ 2

❖ GitHub
  ➢ VCS repository
  ➢ 5

Tools

❖ **PostgreSQL**
  ➢ Database
  ➢ 5

```
 user_id  | user_password |              user_email              | preferred_name |
----------+---------------+--------------------------------------+----------------+
100123456 | 100123456     | ellsworth.boothe@colorado.edu        |                |
100987654 | 100987654     | alec.raines@colorado.edu             |                |
106543219 | 106543219     | ayako.spinks@colorado.edu            |                |
105588945 | anotherpass   | rono4769@colorado.edu                |                |
(4 rows)
```

```
 staff_position  | major | gender_identity | bio | profile_picture
-----------------+-------+-----------------+-----+-----------------
Resident Advisor |       |                 |     |
Resident Advisor |       |                 |     |
Resident Advisor |       |                 |     |
Resident Advisor |       |                 |     | tony
```

❖ **Node.js**
  ➢ Javascript Framework
  ➢ 4

Tools

There's no place like
127.0.0.1

❖ Local Host
   ➢ Deployment Environment
   ➢ 5

❖ Agile Methodology
   ➢ Development Methodology
   ➢ 4

Tools

❖ Bootstrap
  ➢ CSS Framework
  ➢ 4

Challenges

- Verifying that a user is indeed a Resident Advisor or Hall Director
    - This ultimately changed the design of our database and how we ensure that users trying to create an account are actually staff members of the university

- Slight miscommunication between who was working on certain files, which lead to difficulty committing and merging branches
    - Observed differences in files and made changes manually in GitHub

Challenges

- Creating unique session data to identify the user who has signed in, allowing them to sign out and be identified throughout the pages.
  - Slightly modified the requirements of the pages and thinking out how to work around the need for sessions.

- Developing features that can be solved quickly with other technologies (e.g. PugJS or ejs)
  - Solved these issues using ejs to dynamically render certain pages

DEMO!