Rating Project Design

CS495

Team Member Information

- Eli Sokeland
- Joshua Johannsen
- Nick Burrell
- Brayden Gates
- Chunxiang Yu

Business Requirements

- Employee X needs to be able to rate apprentices in multiple categories on a scale of 1 to 5.
- Employee X needs to be able to log into the application.
- Apprentices need to be able to see only their ratings.
- Employee X needs to be able leave comments for apprentices.
- Apprentice needs to see who left what ratings.
- Different Leads need to have different weight on their ratings, based on area of rating.
- Admins need to be able to see everything going on.
- Admins need to be able to add and remove apprentices and full time employees.
- Only the person who left the rating will be able to edit the rating.
- The website should be mobile friendly.

Use Cases

- UC1: Logging into application (BR2)
- UC2: Check ratings (BR5)
- UC3: Check comments (BR5)
- UC4: Rating apprentices (BR1)
- UC5: Leave comment(s) for apprentices (BR5)
- UC6: Edit comment(s) (Only ones you created) (BR9)
- UC7: Edit rating(s) (Only ones you created) (BR9)
- UC8: Add apprentices/FTEs (Admins only) (BR8)
- UC9: Remove apprentices/FTE's (Admins only) (BR8)

Requirements

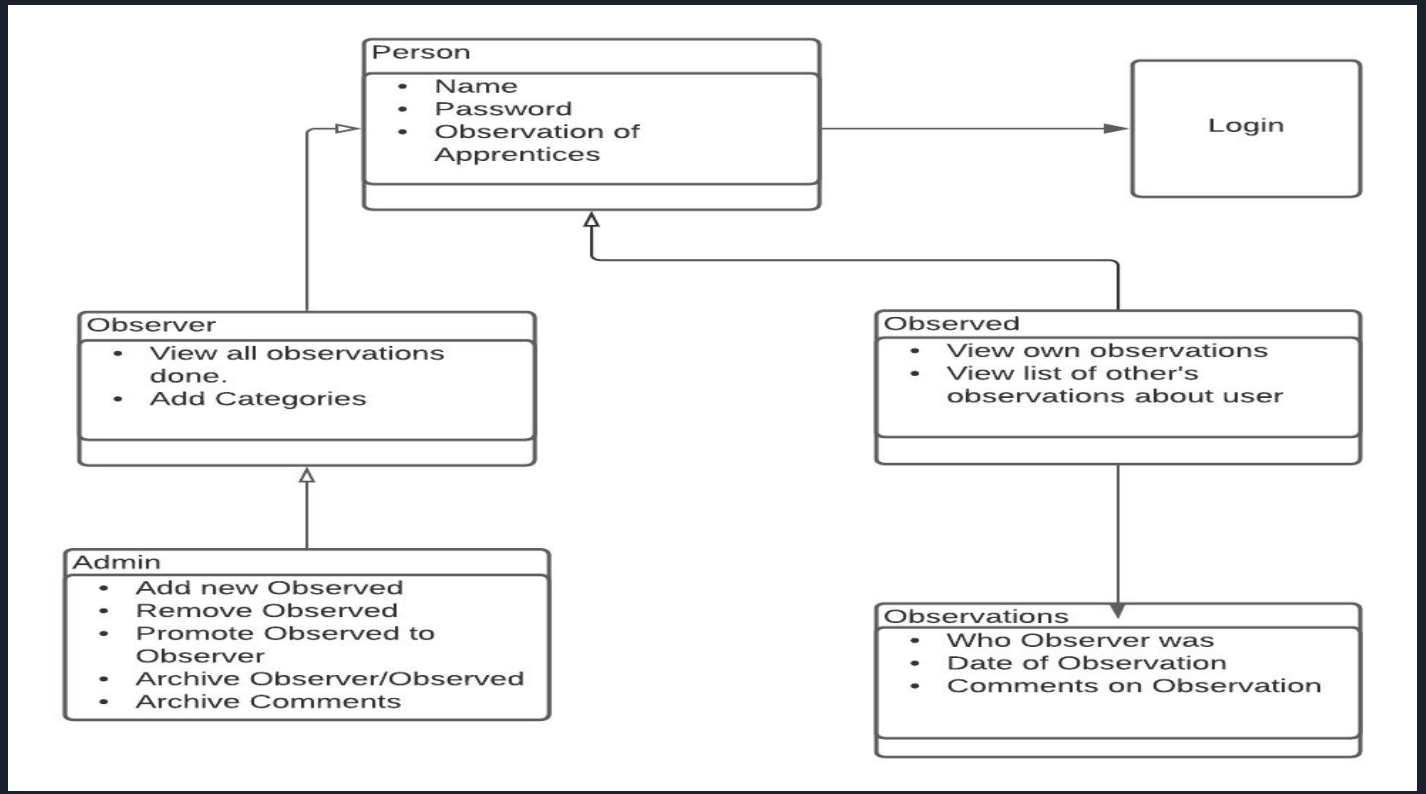
Functional Requirements:

- The user shall be able to login to website by entering their Email and password.
- The FTEs shall be able to rate apprentices from 1 dot to 5 dots.
- The apprentices shall be able to see their own ratings, but not other apprentices' ratings.
- An FTE shall be able to leave comments for apprentices.
- The apprentices shall be able to view the comments given to them by FTEs, and be able to know which employees rate and comment on themselves.
- An admin shall be able to see whether an apprentice has been rated or commented, and be able see all ratings and comments of one certain FTE.
- An admin shall be able to add and remove apprentices and FTEs.
- The FTEs shall be able to only edit the comments left by themselves
- The FTEs shall have different weight when rating apprentices, which based on their expertise on different areas.

Non-functional requirement:

- The users shall be able to easily access the website and perform operations on their mobile devices.

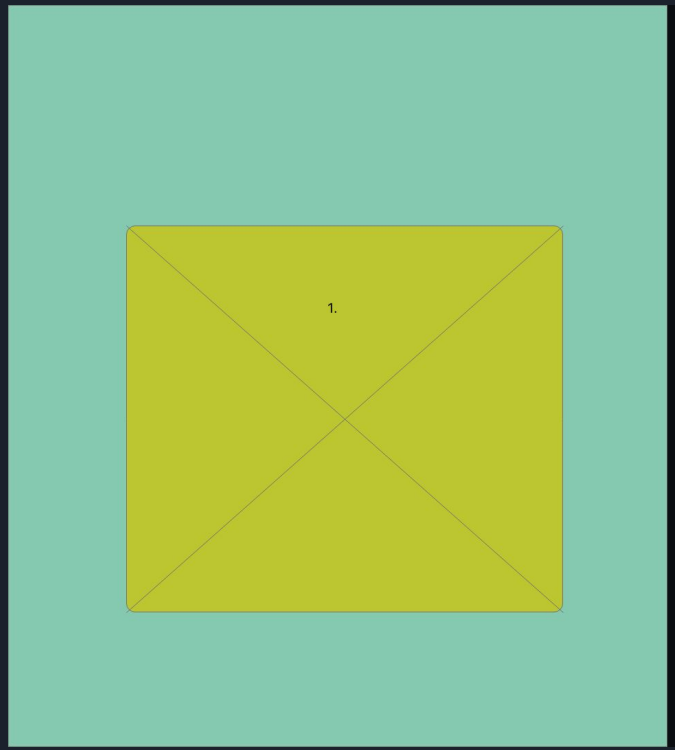
Domain Model

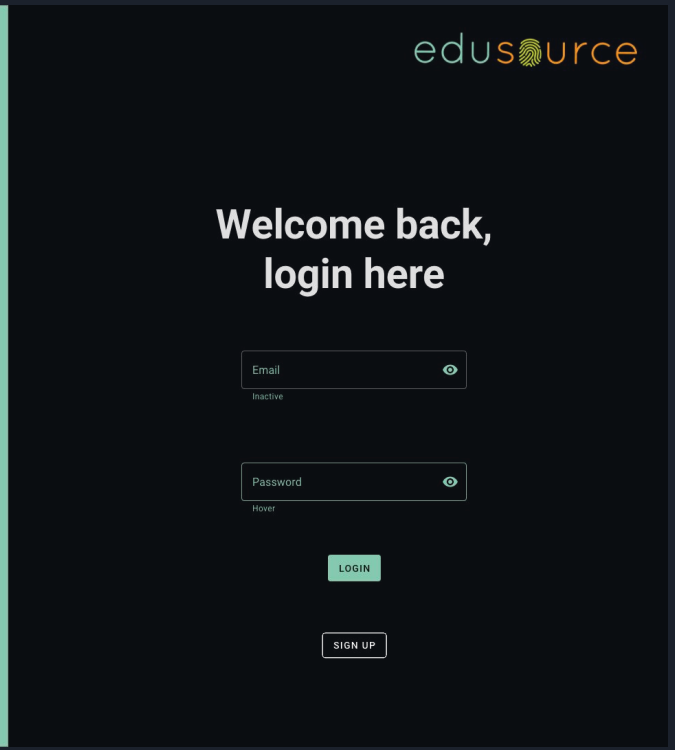


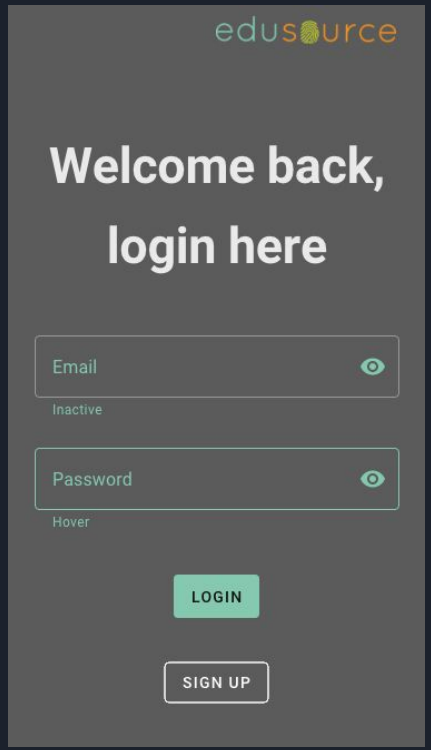
Tech Stack

- Front-End
  - Vue.js
- Back-End
  - Node.js
- Server
  - Azure
- Security
  - Auth0

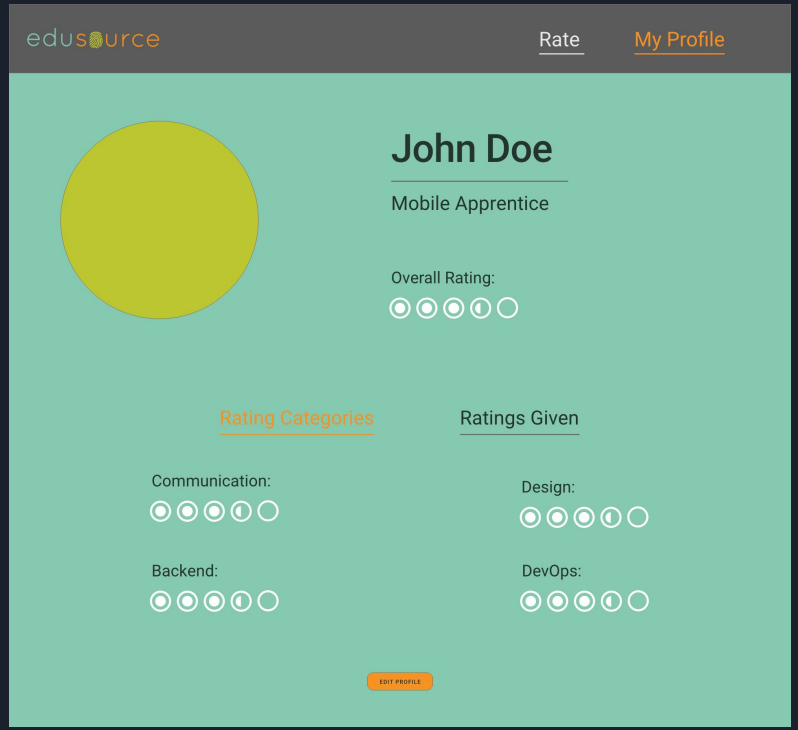
Prototype

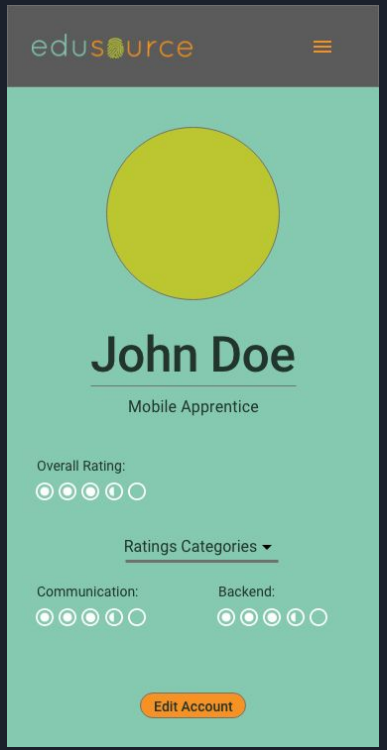

1.


edusource
Welcome back,
login here
Email
Inactive
Password
Hover
LOGIN
SIGN UP

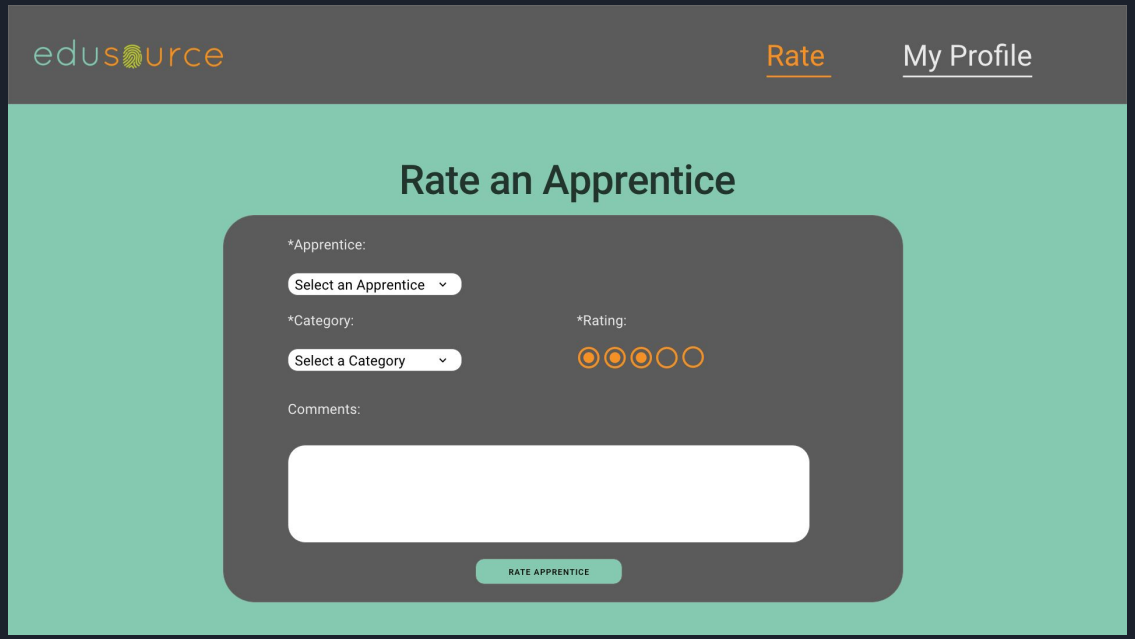

edusource
Welcome back,
login here
Email
Inactive
Password
Hover
LOGIN
SIGN UP

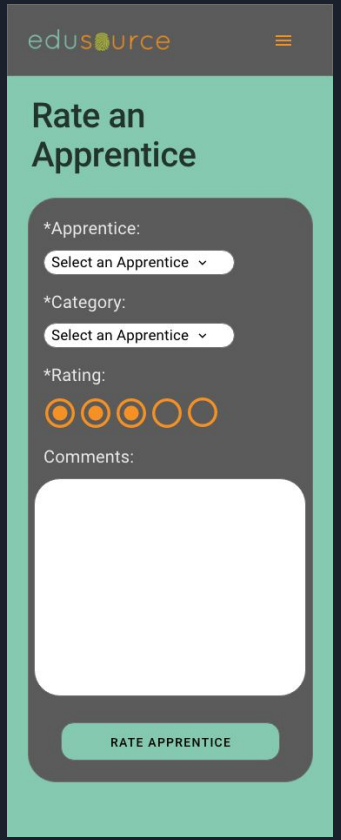
Prototype Continued





Prototype Continued





First Iteration Features

- First Iteration Expectations
  - First iteration is at the end of November.
  - Requirements:
    - Authentication (sign-up, login)
    - Database design and construction
    - Pages Completed:
      - Login
      - Apprentice, FTE, and Admin landing page

Mentor Feedback

- Business Requirements:
  - BR7 is a little uncertain, can be broken down into admins being able to rate and edit/remove ratings.
- Use Cases:
  - Looks good!
- Functional and Non-Functional Requirements:
  - Change mobile friendly to non-functional requirement.
- Domain Model:
  - Had some changes, brought up concern over admin functionality.
- Techstack:
  - Looks good!
- Prototype:
  - Just needs mobile design mocked up.
- First Iteration Features:
  - Login page, landing page, authentication, and setup

Client Feedback

- Clarifications First
- Going over Business Requirements
  - Looks good, sent to Kendra to confirm.
- Going over Design Files
  - Looks good, names on category rating pages need to be removed.
- Also confirmed first iteration requirements

Internet Funny