CS370 Tutoring Web App

Team 13
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Description of customer needs

The purpose of app:

The purpose of the application was to automate CS370's current tutoring process. Which involves matching, tutor/tutee contact, and statistical reports.

What features the customer needs:

Our team took on the Tutee profile/login/features, request form, Admin profile/loging/features, and evaluation form.
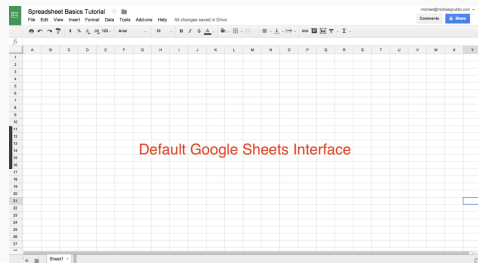
Visual

1

3

Tutor Feedback (CS370 Spring 2019)

Please fill out this form honestly and with well-thought responses! This information will greatly help your tutor improve and should only take 1-2 minutes to fill out. This should be done immediately after every appointment, not just once if you have a recurring tutor.

Note, we use @berkeley.edu email verification to prevent fraudulent submissions and verify tutoring hours. Only instructors can see this information, timestamps, and the optional private section.

Please remember that your tutors are students too, currently taking a course on pedagogical practices and providing free tutoring. If you have an issue with this form, please email: cthunn(@)eecs.

Your email address (freddycervantes@berkeley.edu) will be recorded when you submit this form. Not you? Switch account

* Required

Who was your tutor? *

Choose

What topics did you cover? *

Your answer

2

Default Google Sheets Interface

4

Default Google Sheets Interface
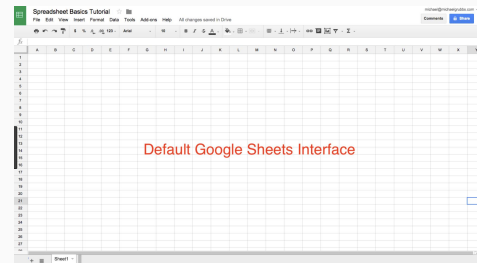
Technical Challenges

- User authorization
- CSRF troubles
    - skip_before_action :verify_authenticity_token, only: [:createTuteeSession]
- Multi-controller authorization
- Cucumber log in

Customer Iteration

What went well:

- Following up regularly
- All team members attend each customer meetings

What did not:

- Needs the customer to elevate the priority of the CalNet authentication
- Have meeting minutes after meetings to remind customer what features will be delivered in next iterations.

Development Practices

What went well:

- Retrospective was productive
- Good use of Git
- Easy to communicate/contact between each team member
- Pair programming and support each other anytime

Development Practices

What did not go well:

- Test Driven Development
- Heavy reliance on Cucumber over RSpec
- Did not use all of the provided tools: Planning poker
- Stand-up meeting: we only have a short update after lectures.
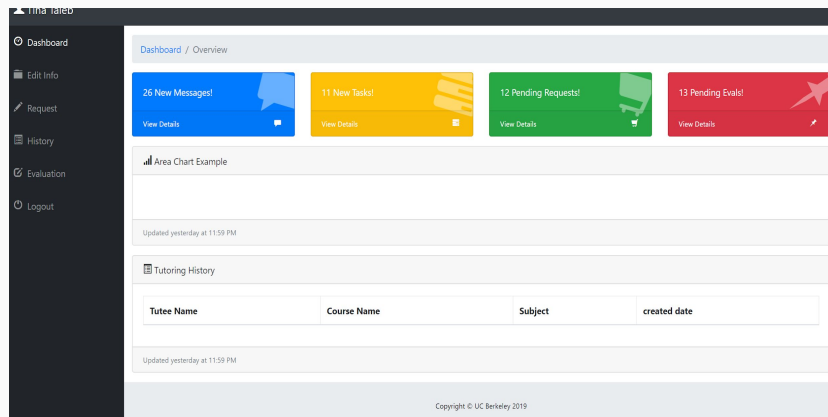
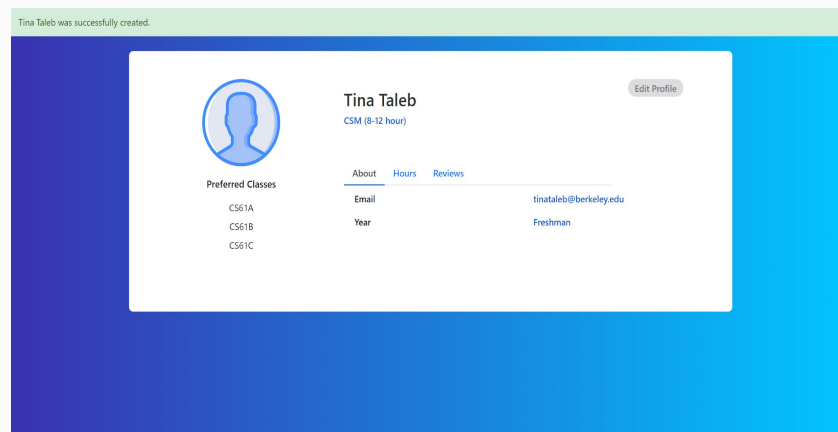# Pitfalls of The App & Future Plans

Security

Admin

Libraries

Pitfalls of The App: UI

Tutee

Tutor