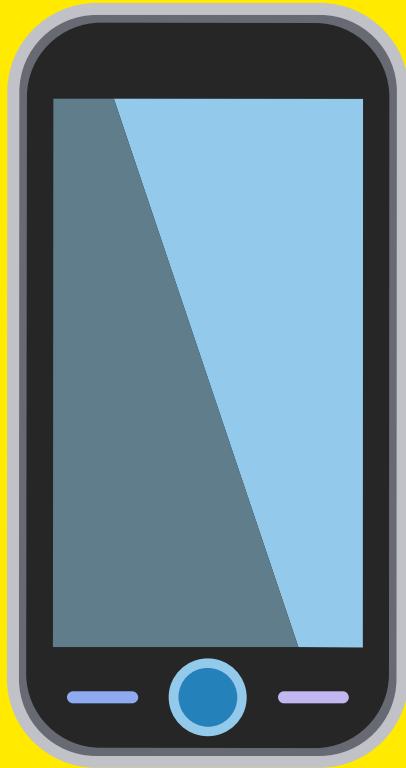
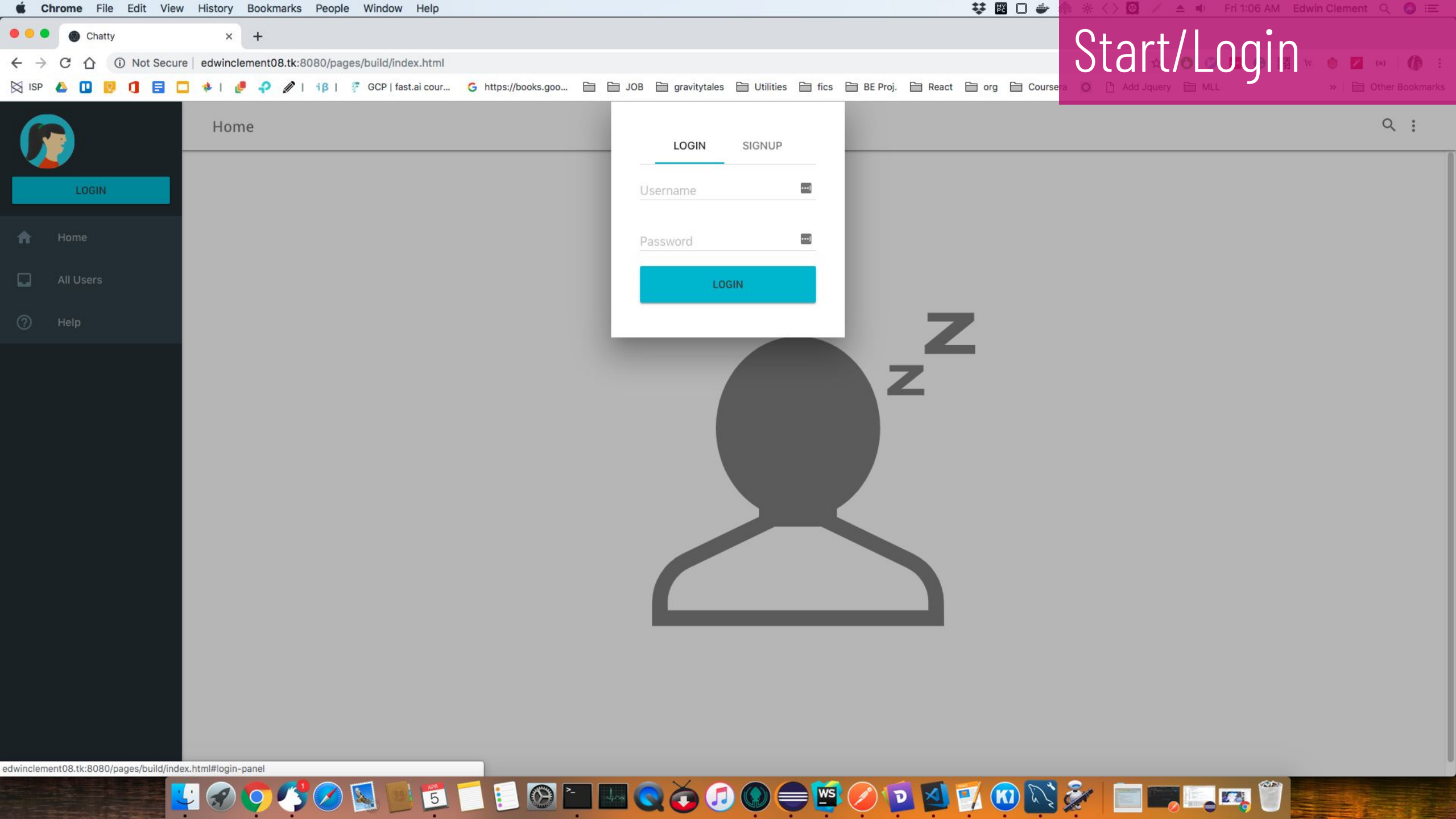


# Chatty - A Progressive Web app Powered by a REST backend



Web Interface - React based



Start/Login

LOGIN SIGNUP

Username

Password

LOGIN

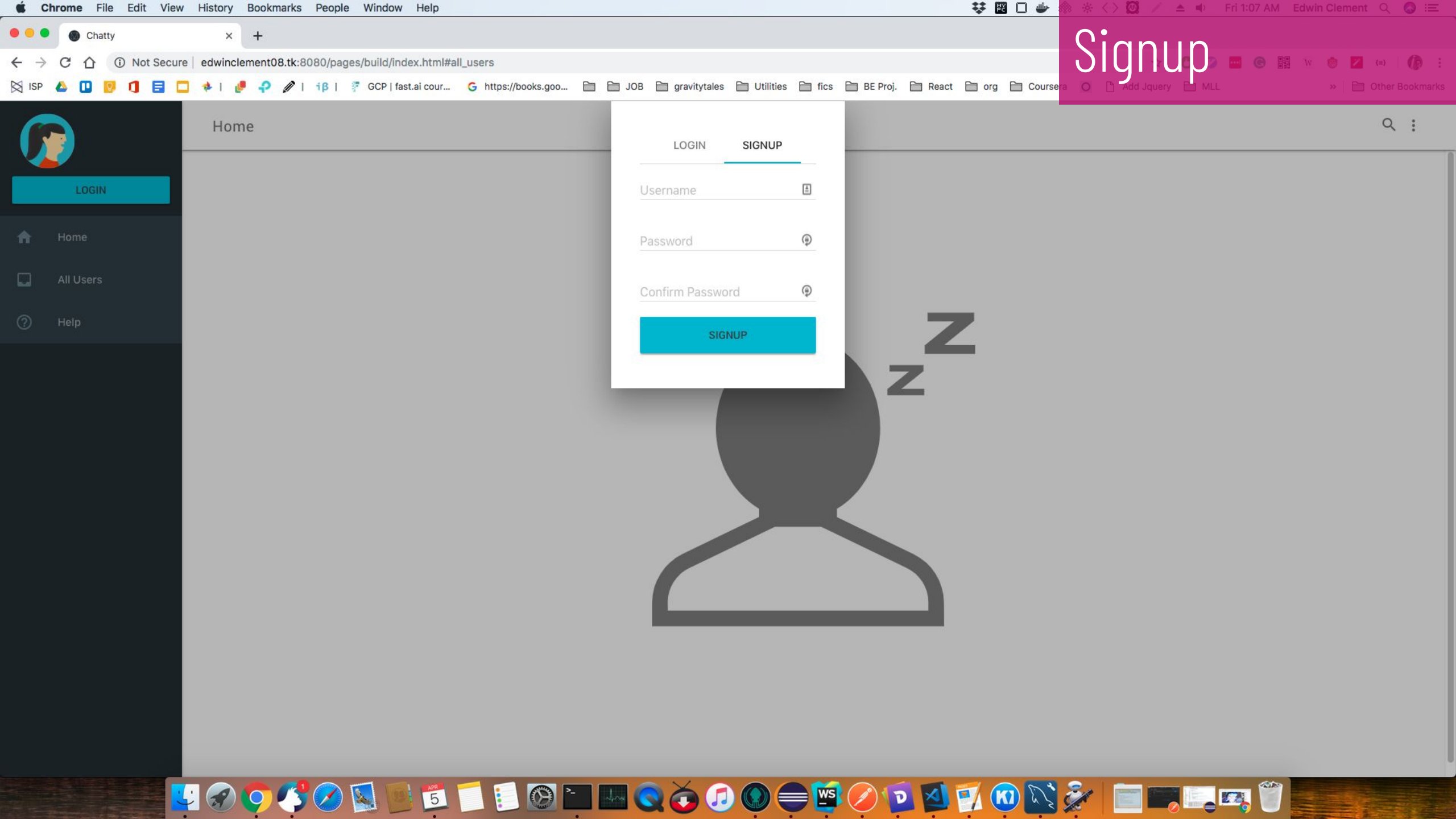
Home

LOGIN

Home

All Users

Help



Signup

Home

LOGIN

SIGNUP

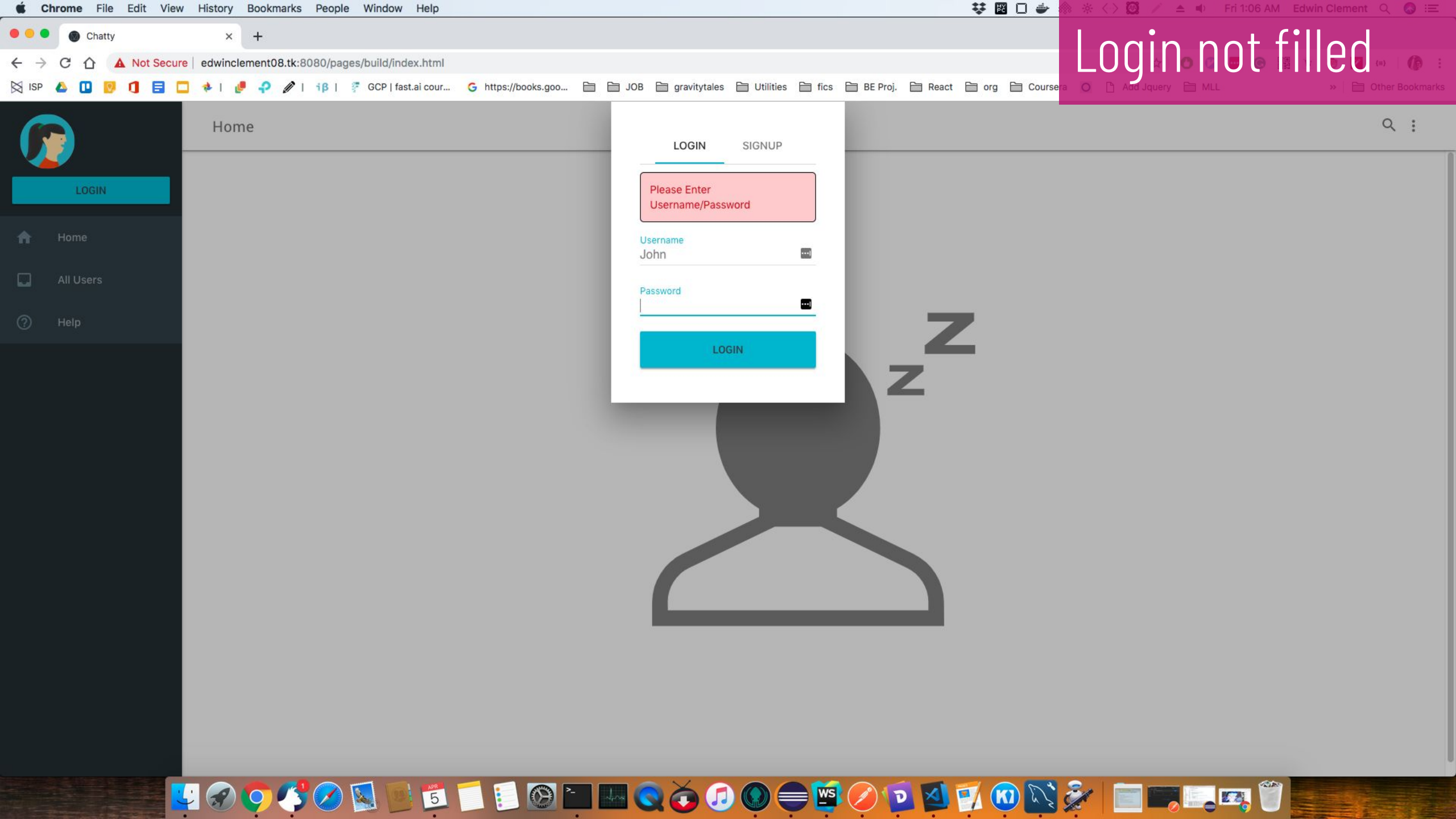
Username

Password

Confirm Password

SIGNUP





Login not filled

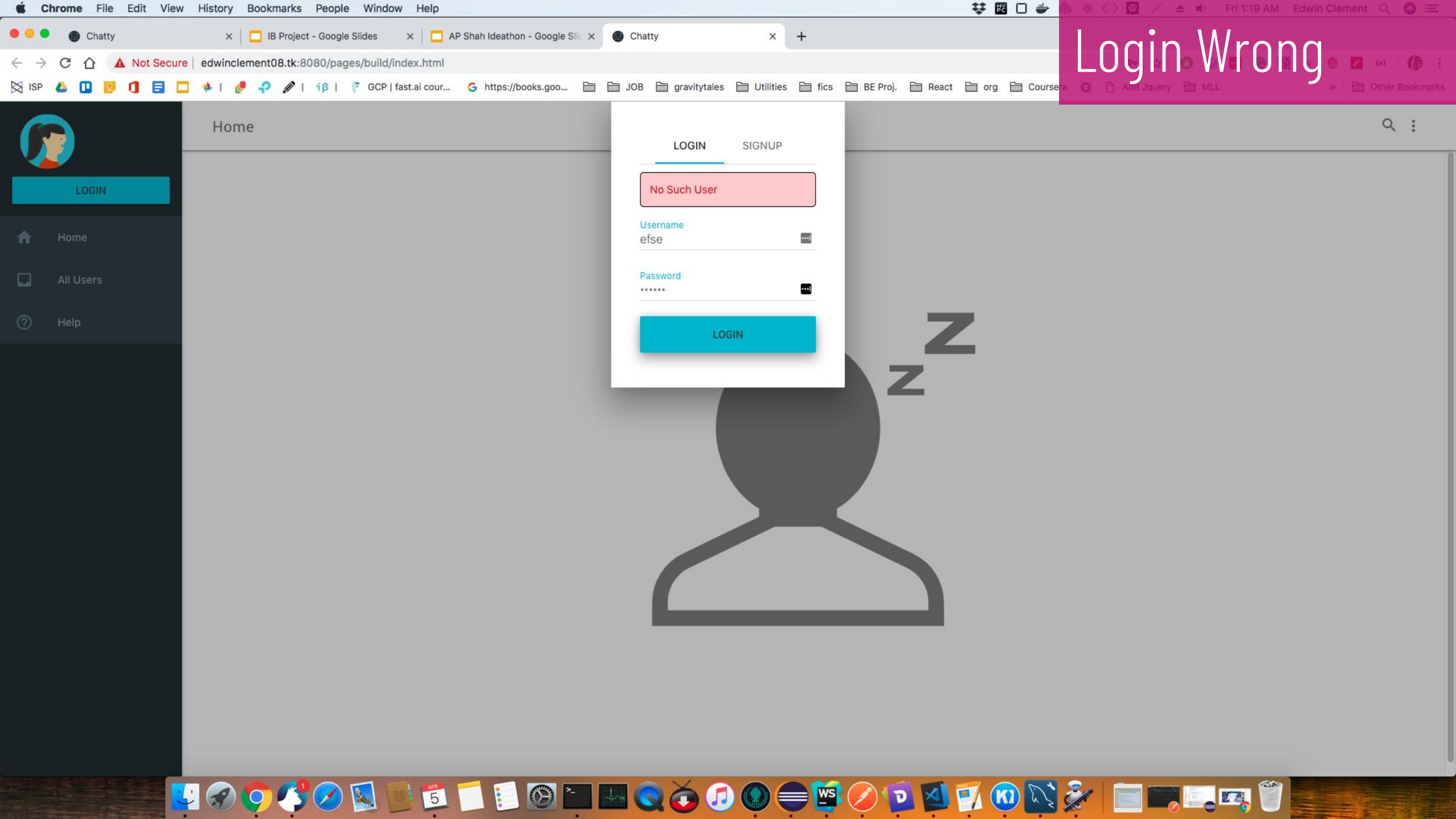
LOGIN SIGNUP

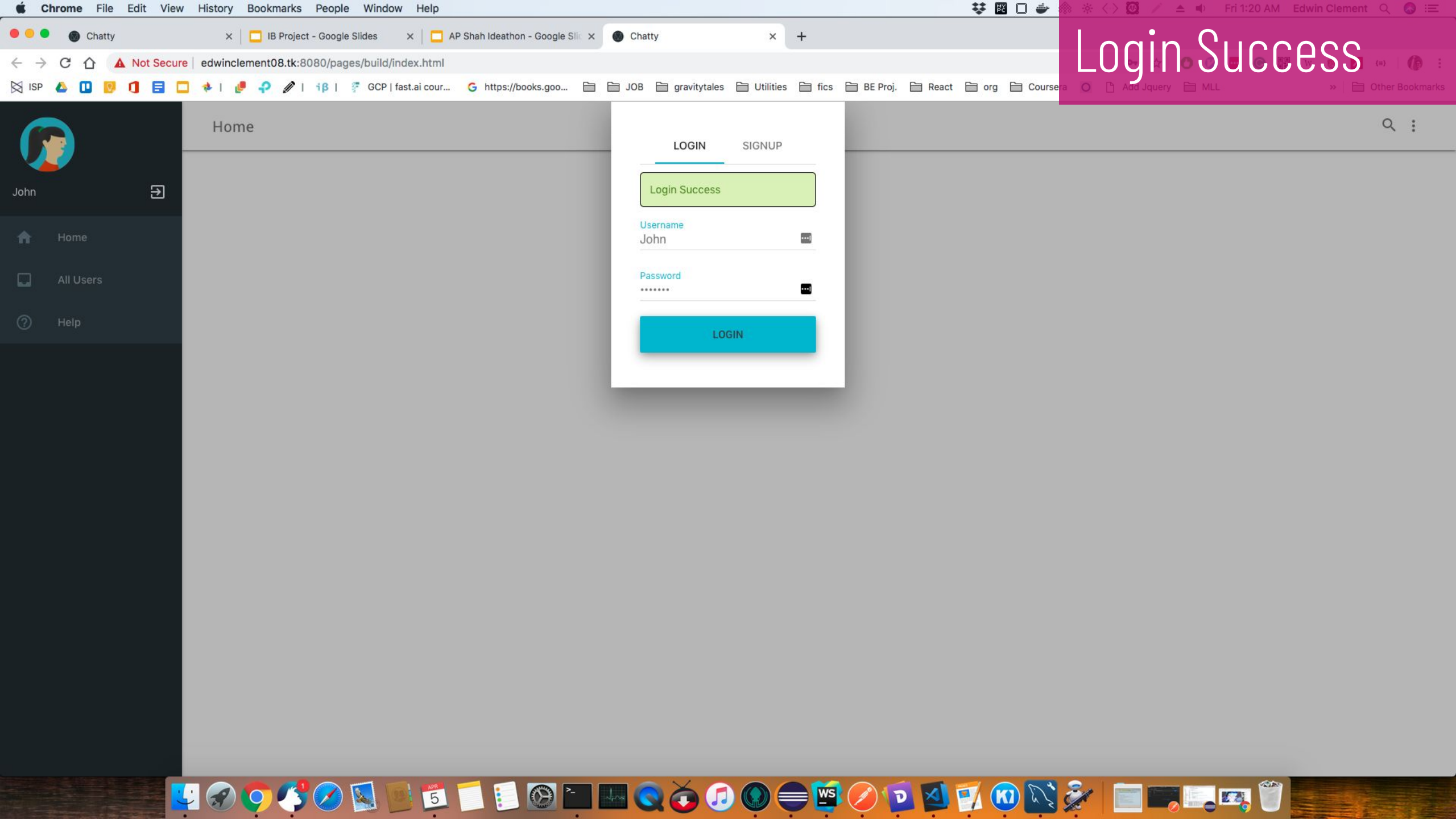
Please Enter Username/Password

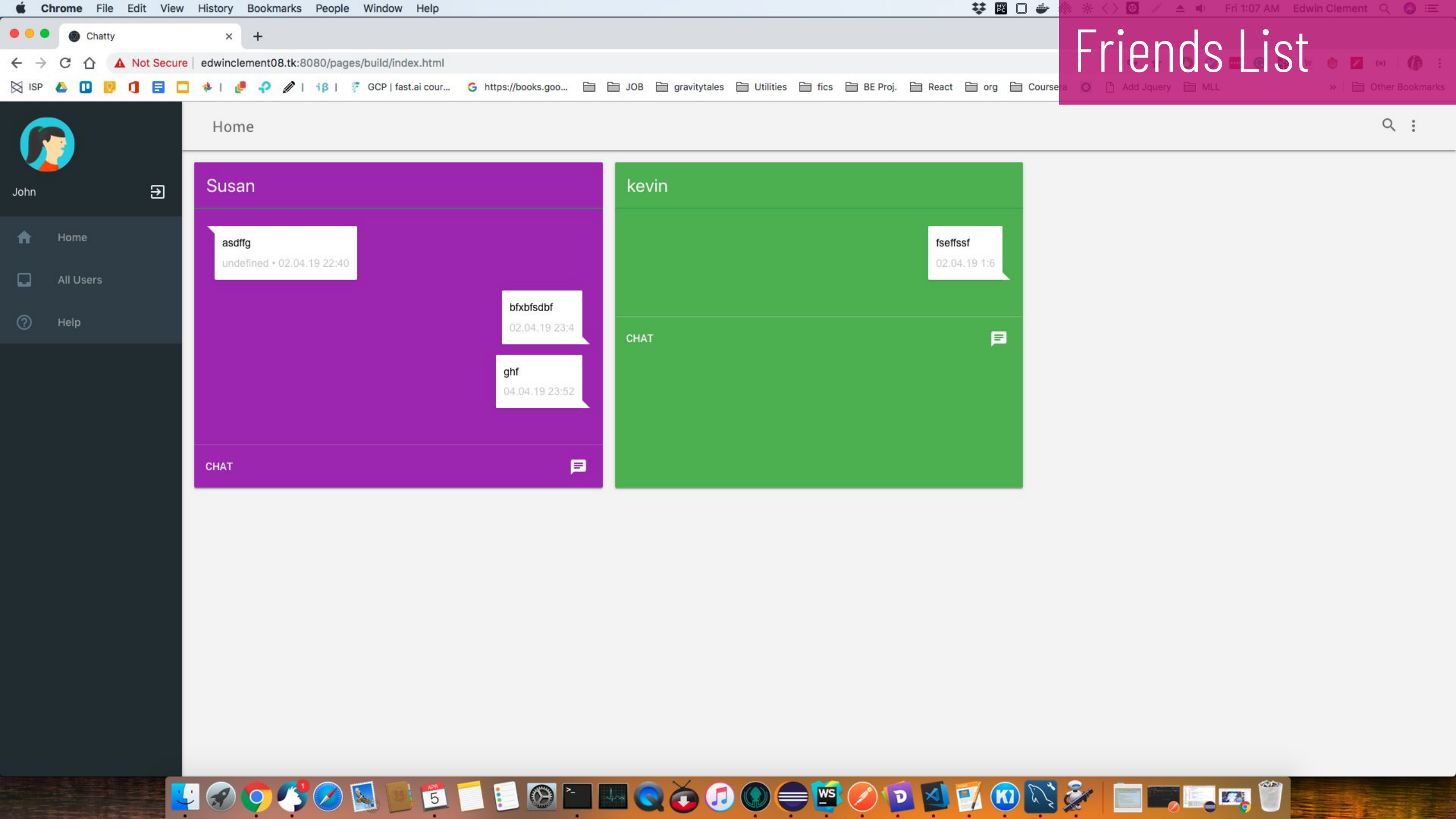
Username  
John

Password

LOGIN

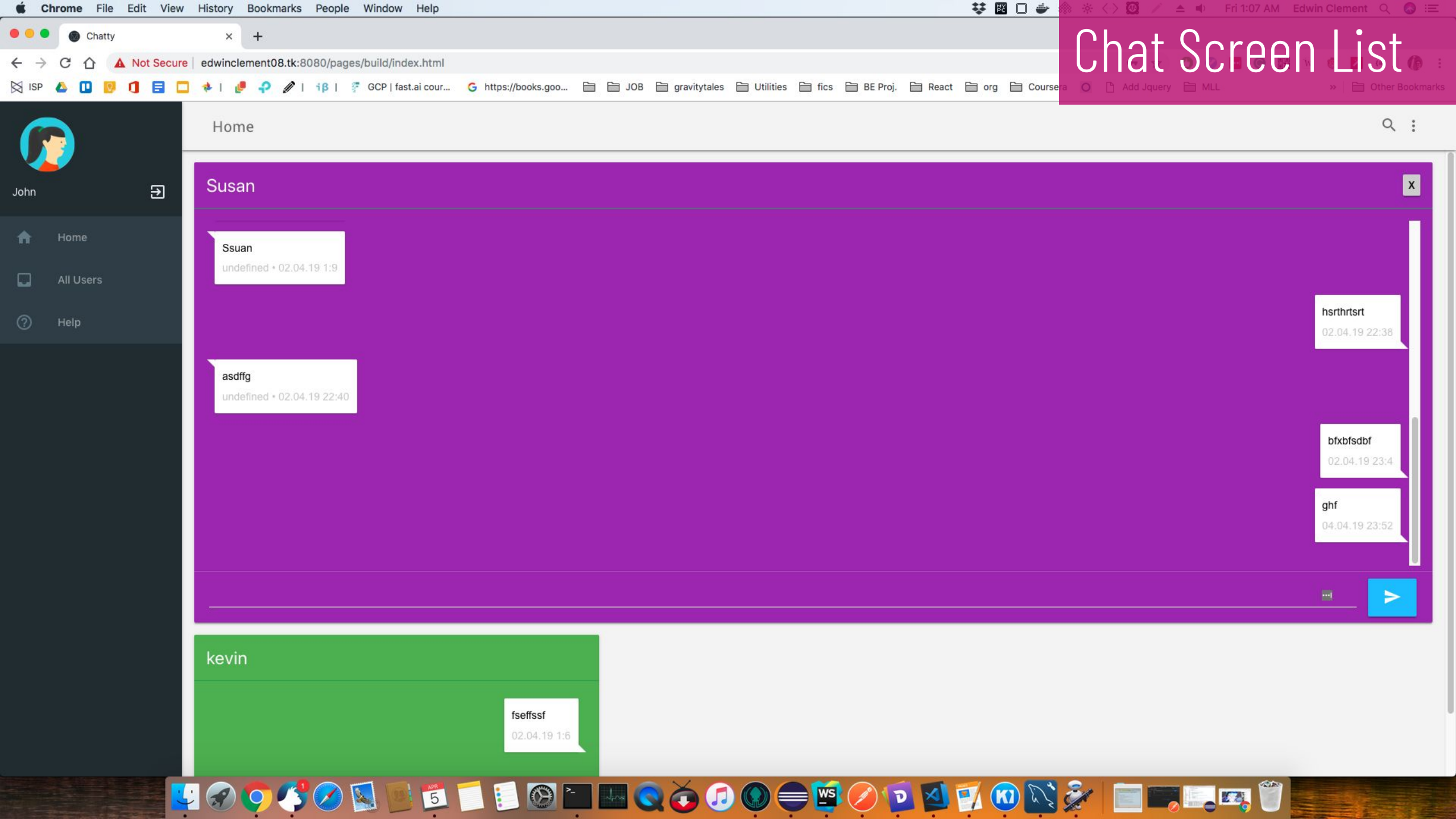




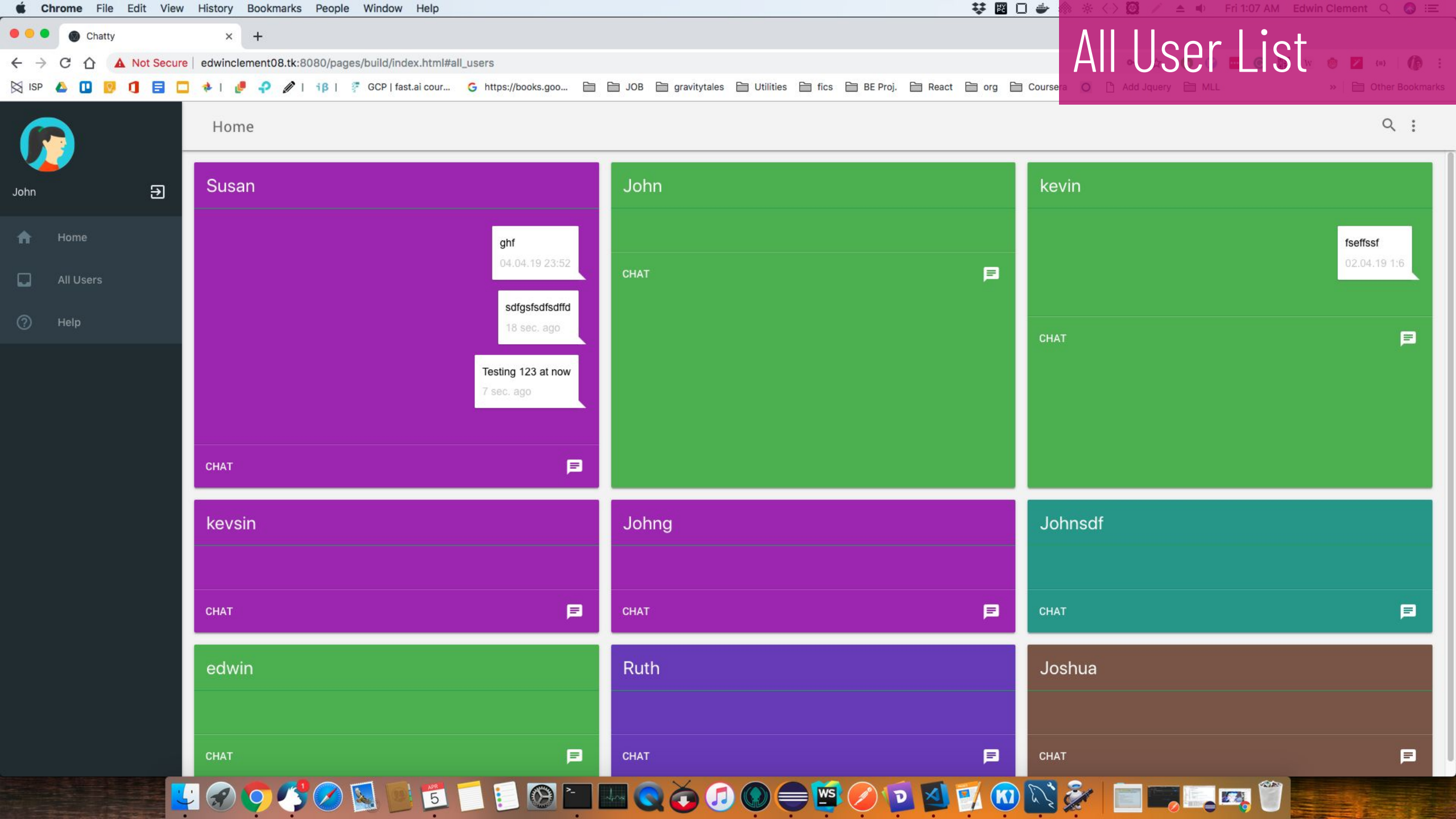


# Friends List

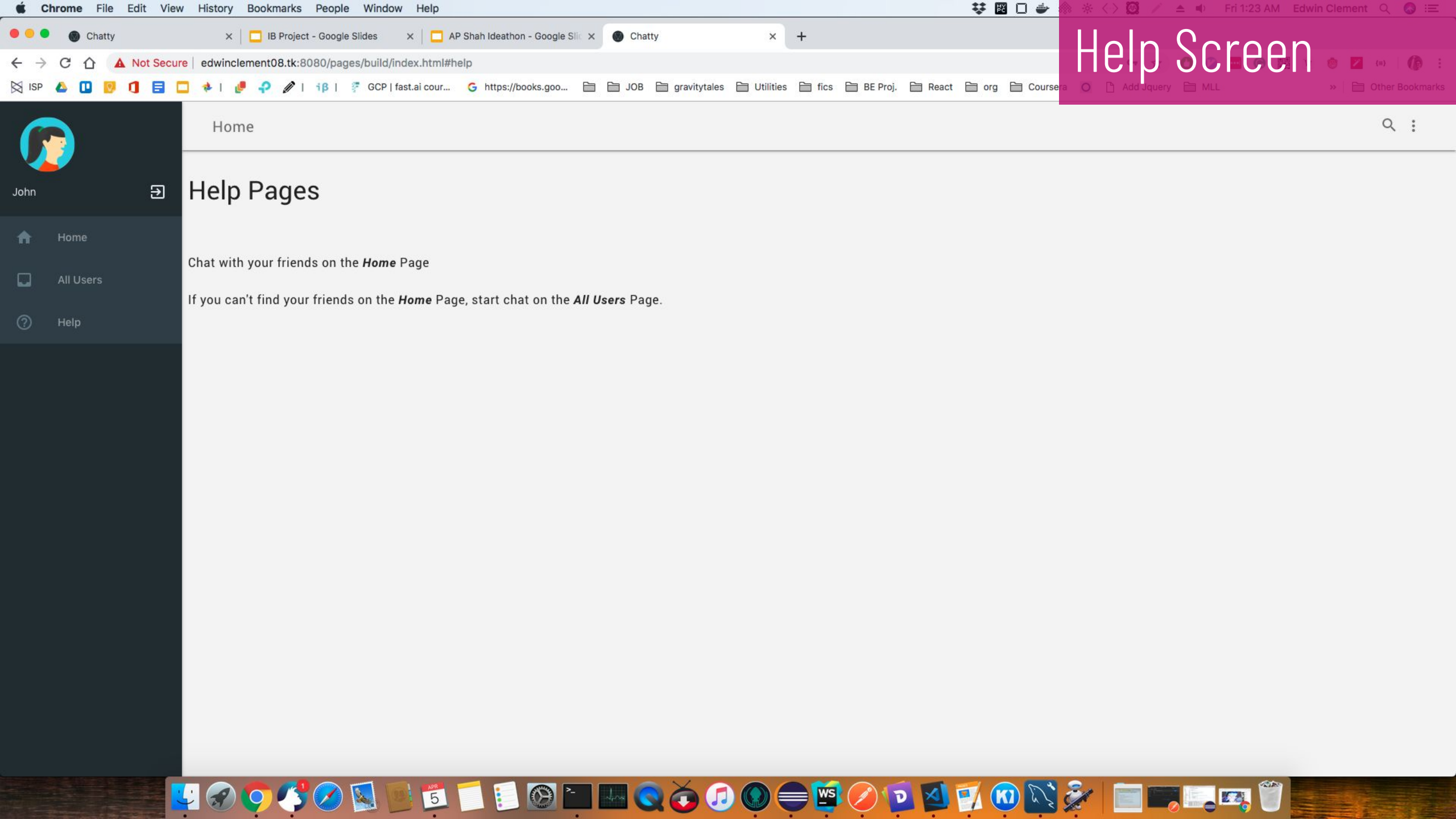




# Chat Screen List



All User List



# Help Screen

Home



## Help Pages

Chat with your friends on the **Home** Page

If you can't find your friends on the **Home** Page, start chat on the **All Users** Page.

# Mobile Interface

## Signup

LOGIN

SIGNUP

Username

Password

Confirm Password

SIGNUP

## Login

LOGIN


SIGNUP

Username


Password

LOGIN


## Sidebar




John



Home

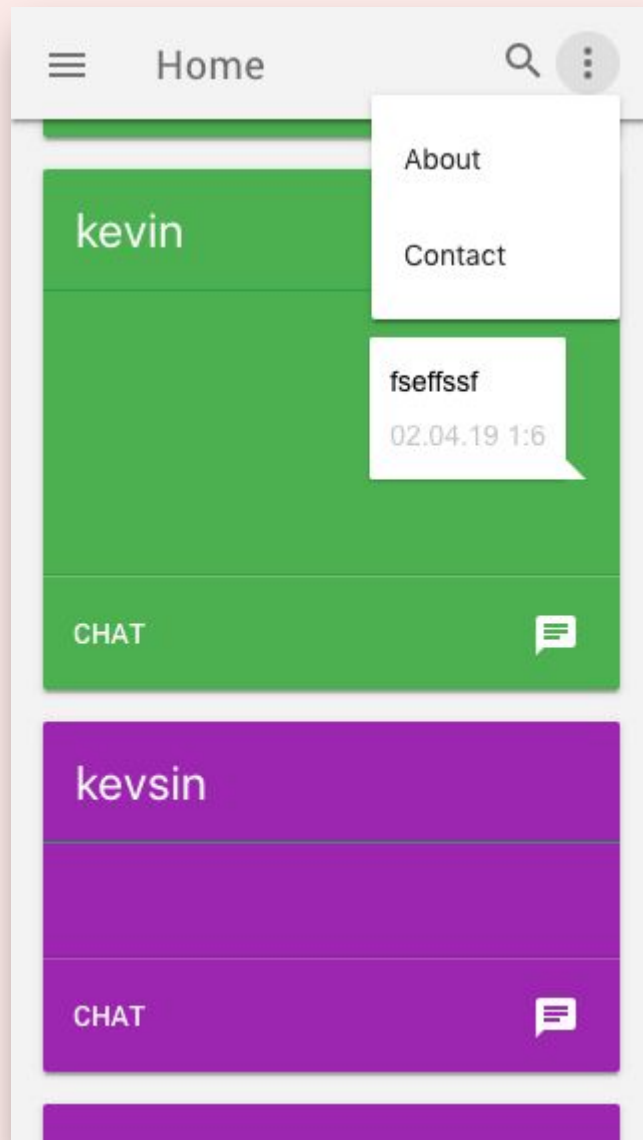


All Users

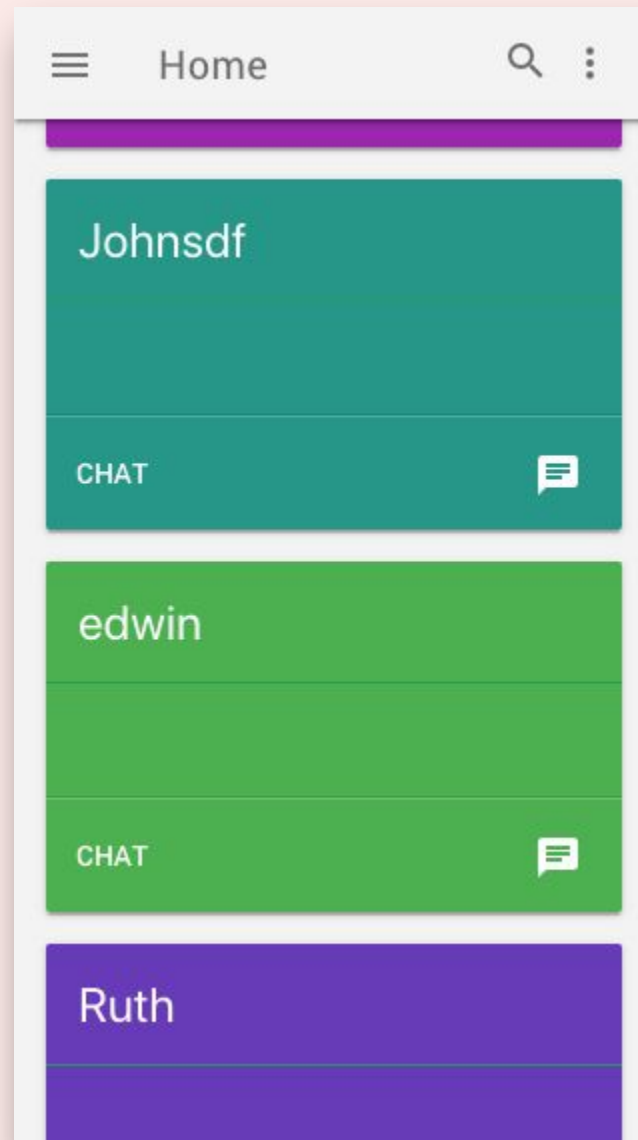


Help

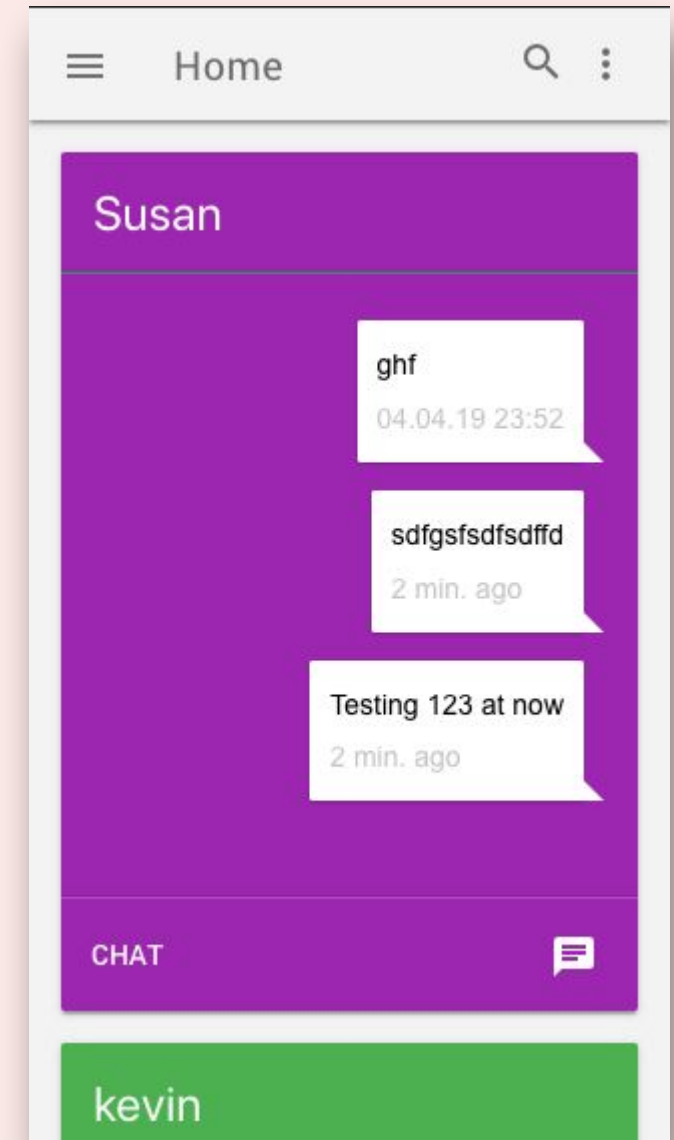
## Context Menu



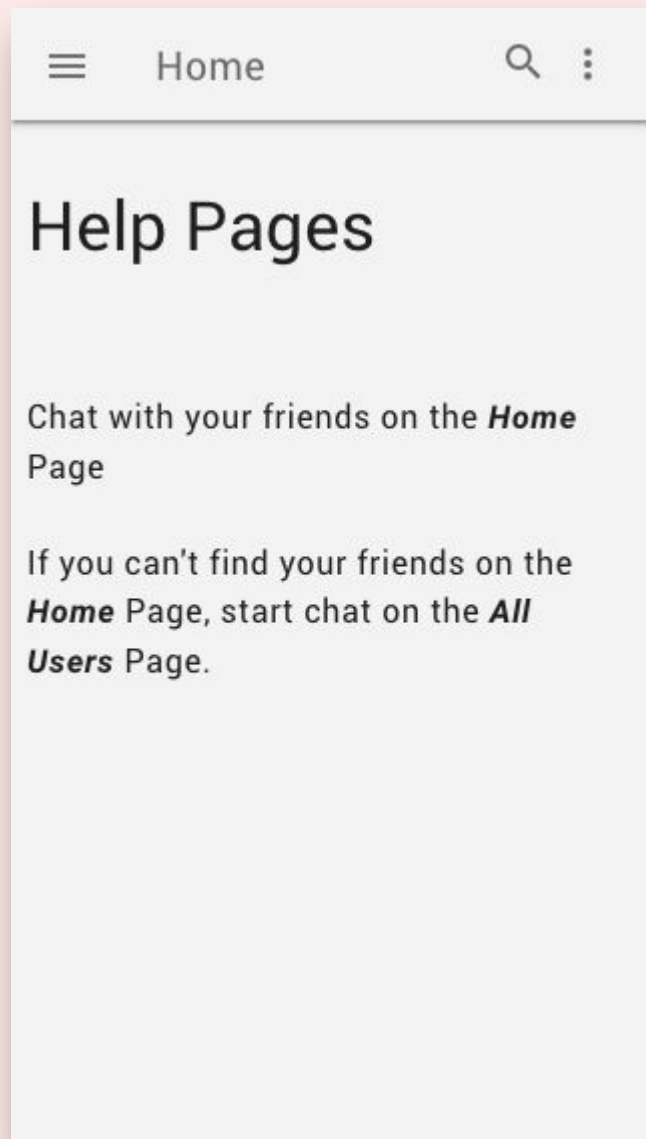
## All Users



## Chat Screen



# Help



# Implementation Details

Rest Server implemented with Jersey (JAX-RS API)

Stateless server(no User Session Data stored at server)

Token based Auth after initial Login

Single Page App, using AJAX Requests for updates

No Page Reload Required for New Chat Messages



# Rest Endpoints

/rest/user:

- / : List of Users

- /details : List of Users with all details that are stored in DB(not for prod.)

- /register : Register new details

- /update : Update user details

- /login : Login as a user

- /delete : Delete a user

/rest/message:

- /sendMessage : Send a Message from a user to another user

- /getUserFriends : Get all Friends(users previously chatted with user) for a user

- /peekMessages : Get last few Messages sent to a user from another user

- /getAllMessages : Get all Messages sent to a user from another user

- /getNewMessages : Get new Messages sent to a user from another user

Thanks for your time.