

Team Number: 202-2

Team Name: Probable Hedgehogs

Members: Patrick Faulkner, Michelle Tran, Kevin Lawton, John Ortiz, Kai Hueske-VanCeylon

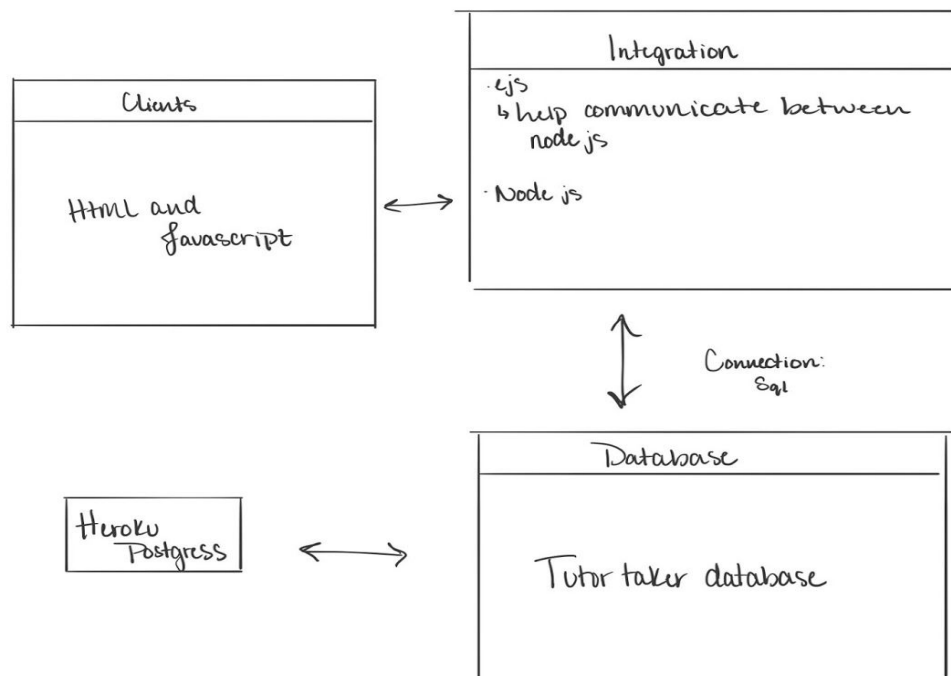
Revised List of Features: (Numbered by priority)

1. Account creation
2. Login
3. Tutor Filter
4. Student Filter
5. Feedback System
6. Push Notifications
7. Calendar(dropped)

Architecture Diagram:

Architecture Design:

↳ Hosting on Heroku (cloud platform)



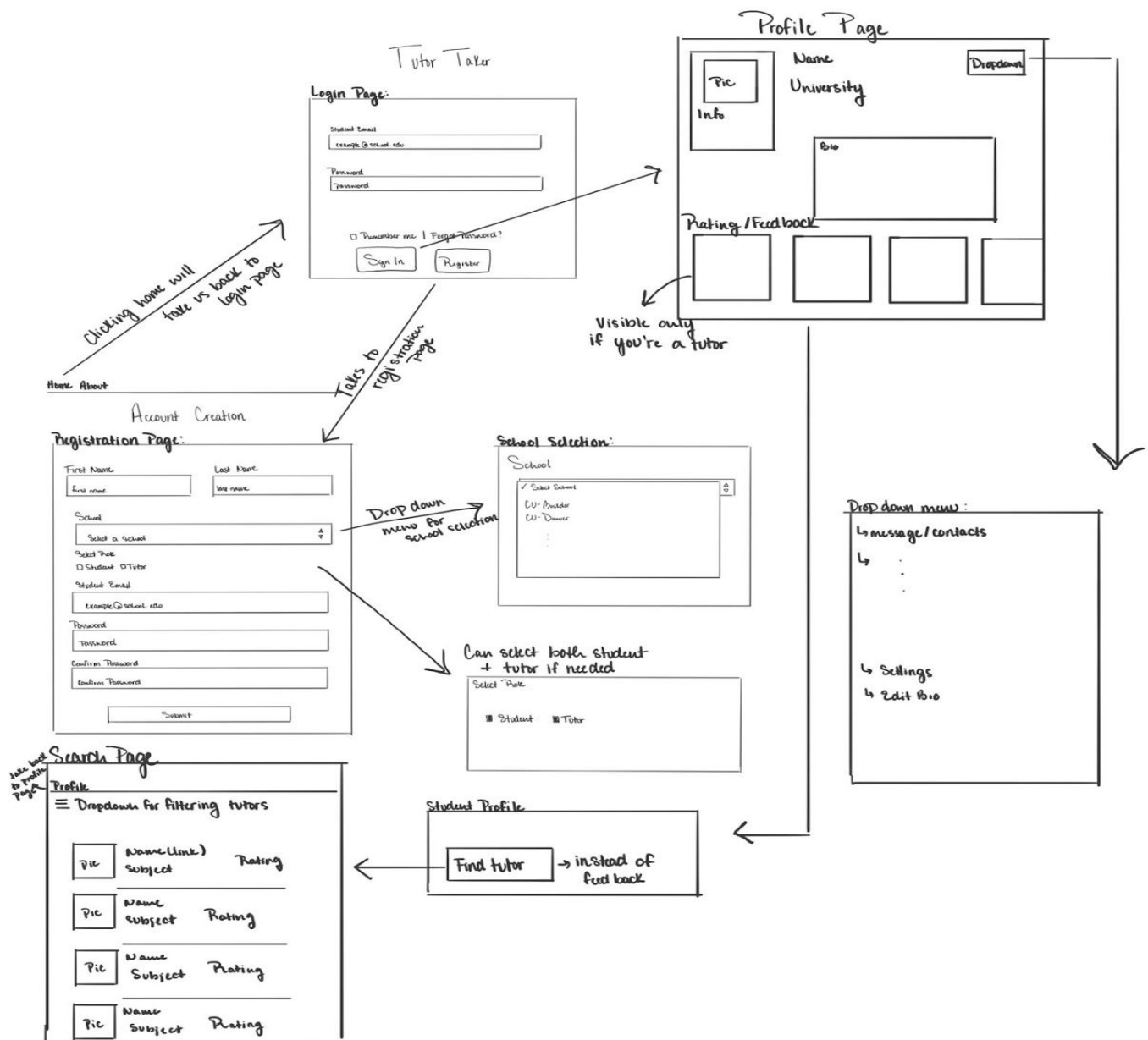
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Front End Design:

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Web Service Design:

TutorTaker doesn't use any web services/APIs.

Database Design :

Our database will use PostgreSQL consist of 4 tables: Users, Matches, Messages, and Feedback. It'll be hosted using Heroku PostgreSQL, and will communicate with our NodeJS server using HTTP.

The Users table will store basic information about the user - name, username and password, whether the user is a student or a tutor, etc. - and use an automatically increter use - database design).

The Matches table stores matches between tutors and students, comparable to edges in a graph representation.

The Messages table stores messages and associated info - sender, recipient, and date.

The Feedback table stores feedback by user, including written reviews, reviewer, rating, and report info.

