Alexander Ramirez
David Garza
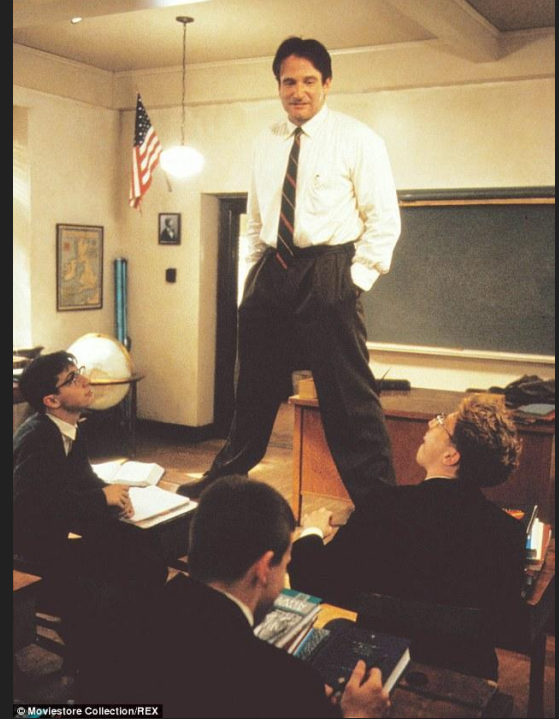Diego Gonzalez
Luis Rodriguez

Student/Teacher Class Participation Web App

"The new way of teaching in the modern classroom"

-Alexander James Ramirez

Student Teacher App (title pending)

What kind of app?

- Web app that dynamically scales

What will the website do?

- Allow students to interact with teacher anonymously
- Help teachers know if their lectures are making sense to their students
- Let students keep track of the topics taught during lecture

In depth details

- Hybrid online/in-class interaction with teacher during lectures
- Teacher create an outline of topics taught during each lecture
- Polls to rate each topic the teacher teaches
- The lecture outlines can be reused for different sections
- The web app will generate a unique code for participation of each lecture

Why is Student Teach App unique?

- Shy students can finally seek help during class incognito

- Department can watch overall quality of the teacher's performance

- No need for end-of-semester evaluation

- An auto-generated study guide tailored to each student

Technical Challenges

- Implementing React and Redux
- Creating the structure of the base
- Connecting the database to front-end code

Time Frame

- 5-7 months

Rate My Student

"Making better students, one rating at a time"

-David Edward Garza

Cont.

Type

- Web app

Description:

Used by professors to rate a student's performance based on their participation and work ethic within the classroom. Main purpose is to motivate students to want to do better for themselves and their future endeavors.

Main points

- Basically rate my professors
- Gives professor chance to praise or criticize a student
- Potential employers get to see work ethic of a student based off of professors rating
- Students can appeal bad ratings 1 a year
- Wake up call for poorly performing students
- Payback for professors

Technical challenges

- Have little experience in web development but team has a good amount of experience and I want to learn
- Due to having rate my professors as the basis, the level of difficulty and amount of technical challenges should be minimal

Time frame

- As for time frame, pretty sure we can knock this bad boy out in time for supper
- I mean by the time it's due

Hand Raise

Type:

- Mobile App / Web App using React Native

Desc:

- An app that lets you ask questions to people.
- You can ask questions to people who are professionals in area you have a question in.
    - Example: Ask a question about your TV to tv repair person. Ask a question about taxes to an accountant. Ask a question about your car to a mechanic.

Cont.

Uniqueness:

- Unlike yahoo answers or Quora. All people on site are verified professionals with related experience or training.
- Opportunity to video chat and/or call for longer more complicated questions.
- You pay money per question or per min on video chat. This gives professionals an opportunity to make a second income answering questions.

Challenges:

- This app will require use of third party payment software such stripe or paypal

Timeframe: 6-8 months

Cooking App (Title Pending)

Type:

- Mobile app/ Web app

Description

- Utilize ingredients within the users household.
- App generates a recipe through the database.
- Includes a rating system for the rating system.
- Nutritional value displayed.

Uniqueness:

- Implement a social platform.
- User creates a profile on the app.
- User will be able to display their dishes.
- Allow accounts to follow other account.
- Display liked recipes from other accounts.

cont.

Third Party Support:

- Pulling the API from multiple recipe sites(food network, tasty)
- Pulling login google/facebook/twitter API Technical Challenges
- Maintaining database and sql for back end.
- Wildcard ingredients.
- Android studio for mobile development
- Javascript/ Angular/ React for front end
- API costings

Timeframe:

- 6-8 months

The
End