THE TEAM

- Who are we?

    Jake Jazokas: Lead Design

    Porya Isfahani: Cloud Architect

    Alyxander-Jacob Ricketts: Front-End Developer

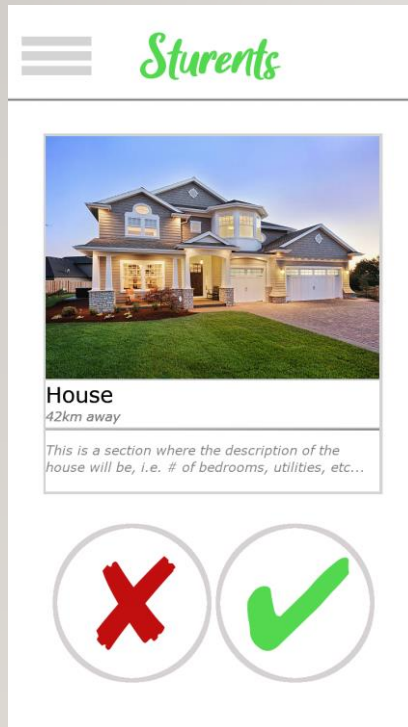   Jeffery Chen: Mobile Specialist

OUR MISSION

- We plan to deliver a mobile application to streamline the process of students finding suitable housing.

- This will help relieve students of the stress of looking for a home by making the experience as quick and painless as possible

- Students seldom have free time and are always on the go, giving them a simple mobile service to look for housing would allow them to do this home hunt as they commute

THE CONCEPT

We'll be keeping our design as minimal as possible

Psychological studies show when people are given too many choices, they freeze, thus this UI decision is validated giving students an easier time selecting a home.

Once a user opens the app, they will be delivered a queue of houses related to their GPS location or inputted one, the user then swipes left to pass on the listing, and right to be pushed to an email written to the owner of the listing. If no email is present we simply link the user to the website's listing.

Listing will include parsable data from crawled websites

WHY IS THIS INTERESTING?

- We plan to begin our journey to world domination through dipping our feet in the water with data mining.

- How? By creating an app that works by scraping internet pages!

FUNCTIONAL PROPERTIES

- 1. A web crawler must be developed

  - 1.1 Scrapes listings from the web

  - 1.2 Parses info

  - 1.3 Sends info to db.

3. Application
    3.1 Right / Left swipe functionality
    3.2 Send email to listing or go to page if not found
    3.3 Ability to view right swiped listings
        3.3.1 Store listings locally on phone
    3.4 Ability to change location and range

2. Database
    2.1 Holds the listings on a cloud database
    2.2 Sends data to app depending on rage
        based location query