

A stylized house icon with a brown tiled roof, a white rectangular body, and a small yellow square at the base, positioned to the left of the word 'REALTOR'.

REALTOR

FIND **YOUR PERFECT** HOUSE

Created by Almore Cato II & Tuan Nguyen

What is iRealtor?

iRealtor is an iOS based realtor application that allows the user to find real time information on houses around them for sale; the user is also able to favorite liked houses, filter through houses based on certain criteria, and contact the realtor. The application also has administrative controls, where an admin can log-in, and interact with the house and realtor database in order to add/update the information that the user will receive. The goal of this project was to create a full fledged realtor application from the server and client side.

Timeline

- Create Database - Manny
- Display Map - Tuan
- Current User Location - Tuan
- Display Latitude and Longitude By Click - Tuan
- Splash Screen - Manny
- Click Pin to Display Lat. and Long. - Tuan
- Database Model - Manny
- Display Drop Pin Current Loc. - Tuan
- Available Houses - Tuan
- Database Retrieval - Manny
- Tabbed View - Manny
- Admin Login - Manny
- Admin Add Realtor - Manny
- Admin Realtor List - Manny
- Admin Add House - Manny
- Admin List House - Manny
- Admin Options - Manny
- Filter Options - Manny
- House Drop Pin - Manny



February Pivotal Tracker Stories

The screenshot displays the Pivotal Tracker interface for the month of February. It features four story cards, each with a title, description, and associated tags. The cards are organized into a grid layout.








- Review02 - map, lat, long, drop pin** (1 Feb, Pts: 16)
 - iRealtor can display a map with a drop pin at the current location. (TN) **map**
 - User can click a drop pin and display the longitude and latitude of that pin placement. (AE) **map, user**
 - User can click a map and display that click's latitude and longitude. (AE) **map, user**
 - iRealtor can display a map of the current location. (AE) **map**
 - iRealtor has a splash screen. (AE) **ux**
 - iRealtor can display a map. (AE) **map**
- Design database model for realtor details, house details, user details, and their relationships.** (8 Feb, Pts: 5) **db, house, realtor, user**
- Review03 - Design database** (22 Feb, Pts: 33)
 - Review04 - Setup database so Admin can modify house data (AC)
 - Setup an iOS CloudKit database to add, update, and delete data about houses, realtors, and users. (AC) **admin, db, house, realtor, user**
 - iRealtor can display a drop pin at a house location. (TN) **map**
 - User can display a list of all available houses. (TN) **user**
 - User can view all houses on favorites list on a map. (TN) **favorites, map, user, ux**
 - Admin has a view so can insert new house details in the database. (TN) **admin, ux**
 - Admin has a view so can delete a house from the database. (TN) **admin, db, ux**
 - Admin has a view so can update house details. (TN) **admin, ux**
 - Admin has a view so can list the houses in the database. (TN) **admin, db, ux**

March Pivotal Tracker Stories




▼ 8 7 Mar Pts: 0 T: 0

▶  Review05 - Setup views so Admin can modify house data using views. (TN) 

▼ 9 14 Mar Pts: 27 T: 1

- ▶  Review06 - Realtor has an admin profile so only administrators can add, update, and delete realtor details from the database. (AC)
- ▶  Admin can insert new house details in a database. (TN)
`admin, db`
- ▶  Admin can unmark a house sold for a particular user. (AC)
`admin, db, user`
- ▶  (Realtor has an Admin profile so only administrators can add, update, and delete house details from the database. (TN)
`admin, db`
- ▶  Admin can update house details so the house's information is current. (AC)
`admin, db`
- ▶  Admin can delete a house from the database. (AC)
`admin, db`
- ▶  Admin can list the houses in the database. (AC)
`admin, db`

▼ 11 28 Mar Pts: 12 T: 0

- ▶  Admin has a view so can insert new realtor details in the database. (AC)
`admin, realtor, ux`
- ▶  Admin has a view so can update realtor details in the database. (AC)
`admin, realtor, ux`
- ▶  Admin has a view so can delete a realtor from the database. (AC)
`admin, realtor, ux`
- ▶  Admin has a view so can list the realtors in the database. (AC)
`admin, db, realtor, ux`

April Pivotal Tracker Stories

14 18 Apr - Current Pts: 0 of 57

- ★ User has a view to select filter(s) for house listings. (TN)
user, ux Accept Reject
- ★ User has a way to view nearby houses filtered by price. (TN)
map, user, ux Accept Reject
- ★ User can display a list of all available houses filtered by price, number of bedrooms, number of bathrooms, and/or location. (TN)
user Deliver
- ★ iRealtor has a user profile so users can view nearby houses, list nearby houses, create and change a prioritized favorite houses list, and request more information from the realtor. (TN)
realtor, user, ux Deliver
- ★ User has a view so can add a house to a favorites list. (AC)
faves, map, user, ux Accept Reject
- ★ User has a way to view nearby houses filtered by number of bedrooms. (TN, AC)
map, user, ux Accept Reject
- ★ User has a way to view nearby houses filtered by number of bedrooms. (TN, AC) Accept Reject

- ★ User has a view so can remove a house from their favorites list. (TN, AC)
faves, user, ux Deliver
- ★ User can click a drop pin of a house and see the house details including the photo of the house. (TN, AC)
map, user Deliver
- ★ User has a way to view their favorites list in priority order. (AC)
faves, user, ux Deliver
- ★ User has a way to request information from realtor about a particular house. (AC)
realtor, user, ux Deliver
- ★ iRealtor displays all nearby houses in the database. (AC)
map Deliver

What did we learn?

Tuan: I learned more about server side for this iRealtor project and able to adapt to different situation/issues while working in the team.

Manny: I got my feet wet in iOS(swift) programming. It was a great experience to actually be able to create something and see it work.

What would Tuan do differently?

If I would return to Xavier I would work on more independent projects since I was a Freshman and doesn't matter if it is small or big. Also, Do internship as Freshman.

What would Manny do differently?

I would take more spend more time around Dr. Edwards, learning more from her. I would also participate more in the department and take on more projects.

Where does Tuan see himself in 5 years?



Where does Manny see himself in 5 years?



In 5 years, i see the opportunities as endless, honestly. I will hopefully still be working with my business, increasing my skillset. I always see myself working with technology