

Hyper99

A Smart Way To House Hunt



A Case Study



Overview

One of the greatest perk in working with real estate portal is that to work with one of the leading markets with a one-stop solution of Real Estate. Hyper99 is the best example of the modern property market. It offers customers to search their desired property and can schedule the preferable time to visit it. Anyone can share their property on it and find the best deal on their property. Either it is for auction or for rent, one can get abounding options. Hyper99 provides “the request functionality”, a user can send a request for a meeting and will be responded by agents or homeowners who are serving in the local area and schedule the exact meeting place/time. So, Hyper99 is the best platform to search many properties at your desired location and accomplish an able deal.

Aim Of The App

“SEE AS MANY PROPERTIES WHENEVER AND WHEREVER YOU WANT ON YOUR SCHEDULE!!”

The Hper99 provides a buffer between you and your tenant to manage property deals and confrontations. One can easily advertise his/her property for screening property meeting and make a proposal to sell or rent own property. Those people who are in search to acquire or hire a property, can easily request to schedule meeting with agent or owner at the preferable time.



Hyper99

Key Points

Key Roles

Key Functionalities

Homeseekers

- Home seekers will be able to search the house for rent or buy.
- Users can search the property by using the specific address.
- Users are able to request an appointment with the house owner or agent.
- After scheduling an appointment a home seeker is eligible to change the time at the difference of 15 minutes as per the convenience of availability.
- A user has the functionality to rate the agents after completion of the meeting.
- Users can also find the option to request a person who speaks a specific language, like Spanish, Chinese, etc.. According to user's request system will prioritize and match agents and send a request.

Agents

- Agents are able to create a profile with the signup functionality.
- To get registered, agents have to provide such information, like full name, phone number, email address, broker name, real estate license number, Address, office number, How many languages they can speak or understand.
- Also, agents have to provide 4 zip code areas where they are serving.
- Agents are not allowed to list their property manually.
- To use the website agents must need to be get verified by the admin. Then and then only agents are able to subscribe the website.

Agents

- Once the home seeker will send the meeting request on selected 4 Zip code areas, agents will receive the notifications.
- Agents have the chance to cancel the appointment within 30 minutes of his acceptance. Once agent cancels the appointment, the broadcast of an appointment will be live again for other agents in related zip area to accept its proposal.
- Every time agents will receive an offer from users for scheduling an appointment in specific zip area which is covered in agents' serving area.

FSBO (For Sale By Owner)

- A property owner is able to register on the website to list their property and subscribe the website.
- Once the user has been registered successfully, he/she will be eligible to post their property on the website.
- Owners can set the priority to show their property to agents or not.
- If the property is selected as “without agents” then the property goes live directly. So when the user sends appointment for that property the request will be directly received by owner.

FSBO (For Sale By Owner)

- If the property has been selected “With Agent”, then FSBO (owner) will find 2 options, like % share and \$ total amount share with an agent to lead the client.
- Once the property is live and requested for appointment from the seeker. That request will be passed on first to FSBO. If the owner will not accept the request within 2 minutes then the request will directly send to agents of that area.
- Homeowners can do transactions on the website and App.

Technology and Tools

Front-end Development

Technology: Laravel - PHP Framework (V 5.1), Google APIs, Twilio and Stripe

Front-end: PHP

Back-end: MySQL

Tools: Sublime (Build 3129), NetBeans IDE 8.2, FileZilla, AWS server and Photoshop

UI/ UX Design: Photoshop, Bootstrap, HTML, CSS, Javascript and JQuery

Technology and Tools

Building Mobile App

Technology: Android, Java Sqlite DB,
Android Studio , AVD9

Design Patterns: Material design, OOD



Challenges & Solutions



Request Appointment Management Via Zip Code

- Sending a request for appointment is quite simple but sending a request via Zip code in specific range of radius is surely complex task to develop.
- While user sends a request on the property for specific area or region via zip code, the system will search agents based upon the language of agent and zip code.
- If the language and zip code both matches with agents in a database then they will get appointment request immediately.
- If the system couldn't find any agents within a radius range then the system will send an appointment request to all the agents in the database.

Notification Functionality

Rather being set manually prioritize the appointment, generating notifications with the system automatically is such a cumbersome task.

First Case: If Property is not handled by an agent and any seeker books an appointment, it will forward to FSBO with Accept button only. After getting notification owner can proceed with an acceptance.

Second Case: If property is handled by an agent and seeker books appointment on it so it should be forward to fsbo with three buttons

Notification Functionality

Owner can proceed accordingly by selecting one of these options: Accept, reject, Forward to Agent

If the owner will not respond within two minutes then it will be broadcasted to agents with the same language and matching zip codes.

Third Case: Agent got a notification with two options, Accept and Reject and if he will not respond for 30 minutes the appointments will broadcast to all agents who are serving with the same zip code.

Map integration in Website & App

- Managing your users with geospatial functionality can introduce unnecessary complexity that detracts home seekers' mind.
- Not making that case real our developers have come up with an amazing solution.
- Any home seekers search property by entering a zip code. Even if the system doesn't find any property in its database system still the request will be sent to that area's agents for an appointment.

Other Main Features

- Users can send feedback on agent/owners service. Even more, they are also able to provide a star ratings to agent or owner.
- If the appointment is scheduled then the user, agent or owner will get notified before 24 hours of the meeting.
- Chat functionality: Either appointment is fixed or canceled by user or agent they will get a message for the meeting status.
- Users can search property based on their requirements. Whether to buy or for rent they can search via zip code and find the best options.

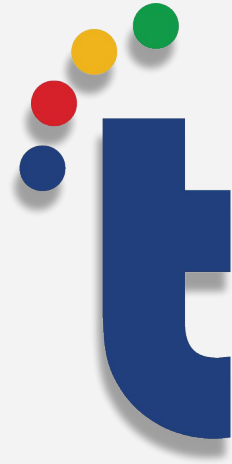


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Thank You

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