Vision Statement
Housing4u
By Team Vibrant
AppFolio

Housing4u will be a website application that allows users to quickly search for vacant housing options in your area. It will have different features and tools to help the renter find the best listing possible for their preferences.

There are several services in place, which currently lack useful features, cohesion, and user base. Our app would encompass all of the different properties in your area and would also allow for easy comparison of prices as well as features similar to WalkScore, which gives the distance to restaurants, school districts and many other important businesses.

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Initial Project Milestone
Our initial milestone is to simply have a blank Ruby on Rails application running online. The goal is to have this done by the end of our first sprint (2 weeks). The first week we will complete some tutorials for ruby on rails and familiarize ourselves with the ruby language. The next week we will all work together to get a simple blank app running online.

Product
-Front-end web application, which allows for simple and easy use to search for vacant listings, as well as beneficial features for potential buyers. This website will either have its own domain or be a sub domain of Appfolio.
-Back-end data analysis of structured data given to us by Appfolio.

Technologies
-Ruby on Rails
-Heroku
-GitHub
-PosGRES

Features
Localization: This feature will allow users to search by different locations in the United States. It will instantly find the users' location through Google and show them different listings in their area. Users will also have the option of searching whichever location they choose.

Geographical Distances: The Geographical Distancing feature will show users the distances to certain high priority sites, such as school districts, parks, malls, and restaurants.

Traffic Proximity: This feature will allow users to see the different traffic patterns around them, which could give them ideas of how long it will take to commute to work or even a friend's house. This feature will be able to show traffic for different times and areas. We can draw this information by using traffic information from Google Maps.

Price Comparison: Comparing prices of different properties is one of the most important features for potential buyers. Our price comparison tool will be smooth and use javascript to allow for price comparisons of many different houses.

Noise Level: The idea behind this feature would be to give a value to the user of the average noise level in the area. For example the property might be located near a freeway or even in a college town that parties a lot, such as Isla Vista.

Conclusion
This product will solve the important problem of there being a lack of a great application for housing in the United States. While there are more broad applications such as craigslist, they lack a focus and are often very unstructured. Housing4u will bring structure to the search for housing and allow the user an experience which will lead them to the best living possible.