Project Charter Documentation - Find Your Home Web Application - Team 12

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Problem Statement:

The current issue with finding a place to live is managing all of the different factors that go in to moving. There are many sources for information; however, they are spread out across the web and not easily agglomerated by users.

Project Objectives:

- A web based application that aids people looking to move to a new city in finding a place that fits all of their preferences.
- Use filters on databases of city information to match the user with cities that best fit them.
- Let the user choose which aspects of a city they want to be factored into their preferences.
- Compare cities' data on diversity, job opportunities, cost of living, social scene, school systems, crime rate, real estate market, types of businesses (corporate vs family owned), walkability, and more.
- Users can create a list of favorite cites to help them narrow down their choices
- Viewing pictures and maps of cities with common attractions

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Project Stakeholders:

Our stakeholders include the following staff from our development team:

- Jack Krueckeberg
- Quinn Bello
- Jason Bodzy
- McKenzie Patterson
- Nick Adair
- James Goldberg

In addition to the following groups of people:

- Young people searching for jobs (new grads), who can use this product to find ideal living locations based on their preferences
- City planners trying to optimize cities can use this software to see what aspects of their cities are admirable and see how these metrics compare to other cities
- Government officials and policymakers, who can look at various metrics of cities and cater policies to target audiences
- Retail and travel agencies, who can use this software to recommend destinations for living and traveling

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Project Delieverables:

The management team and the development team at *Find Your Home* visualizes the web application as one that offers the following features within:

- A User authentication system that lets a user create, sign-in, and sign-out of an account that stores their favorite cities.
- Availability to browse for cities based on crime rate, and filter them accordingly
- Availability to browse for a place to live based on as many or as little filters that selected
- Data on car dependecy and walkability as well as available parks and other health and wellness resources
- A backend server that stores all the information for places to be generated from
- A Easy-to-use User-interface that is both fully-functional and appealing

We plan to either utilize the ASP.NET Framework along with C# or React with NodeJS to generate this web application.