KIEI-451 Final Project

CommonCensus: User Stories and Wireframes

Team: Wesley Howell

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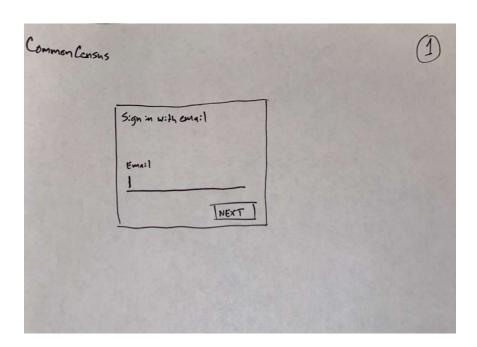
## **CommonCensus Use Cases and General Overview**

The CommonCensus MVP is a user-friendly app which provides summary population statistics to individuals conducting introductory research on various municipalities in the United States. The MVP version of the app provides a relatively limited dataset for each municipality, resulting in a tool to quickly and efficiently compare pros and cons of cities across geographies based on a handful of key metrics.

Potential near-term use cases for an expanded version of CommonCensus, with more detailed and specific datasets, could include:

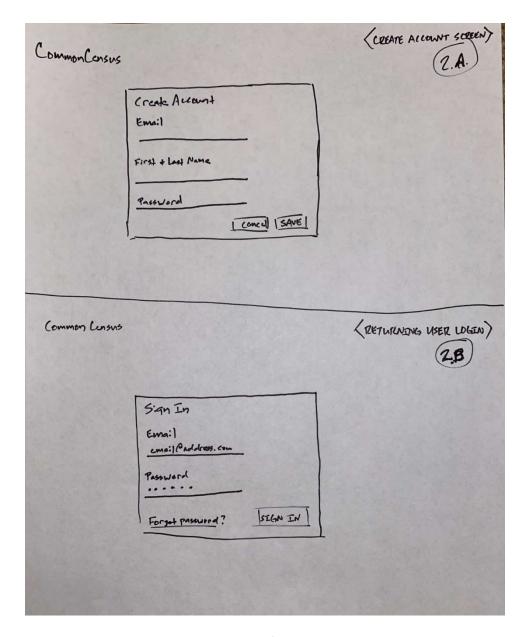
- Informing business location or expansion decisions
- Acting as beginning research point or quick reference for urban planning, school districting, etc.
- Providing individual- and family-focused data to assist with family moving/relocation decisions





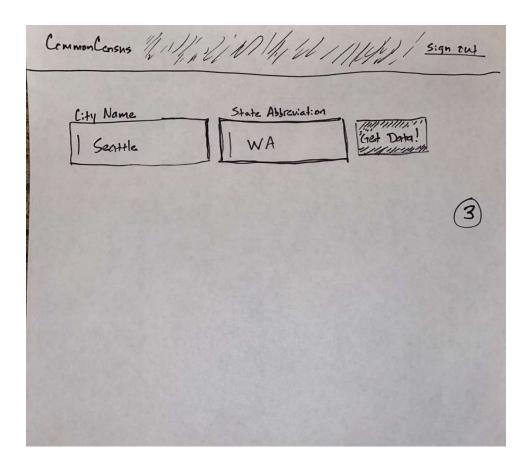
As a new or returning user, I want to be able to enter my email, which will direct me to either login to an existing account or create a new account if I do not yet have an account

Screen 2: Signup (new user) or Login (existing user) Page



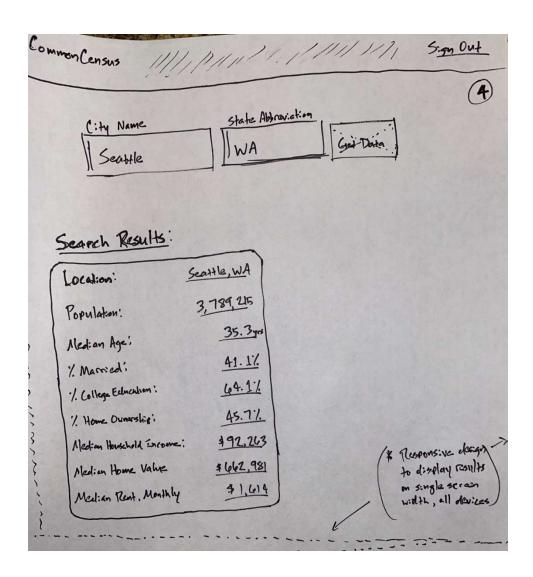
- As a new user, I want to enter my email address, first and last name, and create a password, which will create my CommonCensus account and log me in for the first time
- As a returning user, I want to be directed to the login page which will allow me to login to my account by entering my email address and password
- As a returning user, I want to have the option to reset my password via a link sent to my email, in the event I have forgotten or need to change my password

## **Screen 3: Search Parameters Entry Form**



- As a logged-in user, I want to be able to sign out to end my session at any time
- As a logged-in user, I want to be able to view the CommonCensus statistics for any city or town in the United States by typing in the name of the city and the two-letter state name abbreviation, then clicking the 'get data' button
- As a logged-in user, I want to be able to quickly run new searches by refreshing the web page and typing in the details for a new location

## Screen 4: Search results display



- As a logged-in user executing a search for a specific location, I want to view a small number of the most relevant population and economic statistics, which could serve as a starting point for more detailed external research, or serve as easy points of comparison to other locations inside the CommonCensus app.
- As a logged-in user, I want search results to be displayed concisely, not requiring more space than the size of the screen on my viewing device, so I can easily save search results via printscreen or screenshot for future comparison or reference.
- As a returning user, I want to be able to access CommonCensus' features with the same appearance and ease of use, regardless of whether I am accessing the app from a computer, tablet, or smartphone.