Project Specification

Rent4Hire

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Github: https://github.com/joshfigueroa/Rent4Hire

Slack: Fall2022seniorproject.slack.com

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# **Project Summary**

The purpose of our app is to allow users to rent goods and services. It will allow users to find rentals in their same general area. This is done by showing items and work offered in the user's specified radius. From there, a person can leave a review for the seller.

# **Project Goals**

The main goals of this project are to:

1. Develop a user-friendly application which allows people to see sellers, in

their specific radius, who are offering goods and services for rent.

1. Act as an intermediary to facilitate payment agreements between renters and sellers.
2. Provide a binding contract to protect sellers and their products.
3. Reduce risk for sellers and renters.
4. Improve organization and quality of rentals.
5. Provide residual income for people utilizing their owned ~things~ that they barely use.
6. To provide a cheaper option for renters on one-time activities.

# **Product Features**

1. **Website: ​**Our application will be available as a web application
2. **Login​**: Login is done by signing in with an email address or Google account. This will be achieved by using Google OAuth. They must also accept the terms of use and the privacy policy. The users will need to provide their personal information for liability reasons. Each account has the option to rent or place items for rent.
3. **Origin Location:** Type in your current address or choose from a list of popular locations. You could also use your device’s GPS to select the current location. This should include map visualization in the user interface.
4. **Rental Search:** Type in your desired rental or choose from a list of popular categories. This should include a visual interface, generic item and contact information for each rental.
5. **Sort by distance: ​**The app shows a list of rentals sorted by distance closest to you.
6. **Time to pick-up/drop-off: ​**Users can specify the time they’d like to arrive at their rental and when to drop it off (if applicable) desired destination.
7. **Rental history: ​**Users and sellers have the ability to see prior rentals, payments, and associated documents.
8. **Chat system:** Users have the ability to chat with each other from the app. The chat supports 2 users and is only a text chat. This would protect the users’ phone numbers and add a layer of abstraction to the contact mechanism. If the users wanted to text with their phone numbers, they could share it within the chat system and then switch over to regular texting apps in the future.
9. **Reviews**: Renters and owners have the ability to leave reviews on their experiences with each other, product, or service. This shows dependability and reliability of each user, product, or service. If a certain number of reports are submitted action may be taken.

# **Limitations**

Limitations of our project include but are not limited to the following:

1. The scope is currently limited to the United States as it is not being made in other languages.
2. The reliability of the rentals and users depend on the reviews.
3. Can’t guarantee a product or service will always be available.

# **Stretch Goals**

In terms of stretch goals, these are the additional features we’d like our product to have:

1. A way for users to set up their availability calendar based on their schedules.
2. A notification system that reminds renters and sellers of upcoming planned rentals.
3. The ability to keep a list of their favorite products and services. They can add to this list by a button on the product description.
4. Ability to have a scheduling feature to place holds automatically.
5. An achievement/badge system to reward users who get good reviews.
6. Support products and services that are in other countries.
7. Payment system
8. Tagging system