



# Project Progress Report

Team Member	Task	Progress	Remaining Task	Risk
James He	Web crawling from Redfin.com	Worked on redfin web crawler and created a script that gathers all of the text data from a specific house's url Code is attached.	Must update the script so that it automatically finds a list of houses that are available in a specific area on the redfin website, and then output all of the script data into a useful data file	It is hard to decide what kind of data to keep as text, because a lot of it is also numerical data that might not be as useful in text processing.
Xinyuan Chong	Front end website develop	Created an initial version of website with basic function for house searching. Screenshot of website is attached.	Update website to call data crawled from Redfin.com and display it for user	JavaScript is new to me. Need learn and implement at the same time.
Hao Yan	A back-end application that will serve the house data	Set up a serverless application using AWS API Gateway and Lambda that runs API endpoints to fetch house data when requested.	Choose a type of database to store the house data. Create tables in that database and populate them.	It's hard to decide whether to use a relational or non-relational database. This decision may make a big difference in performance.



LOCATION

City,Address,ZIP

PRICE

no min

no max

PROPERTY TYPE

Apartment

BEDS

1

BATH

1

SEARCH

## NEW LISTING

*view all listing in the last week*

