**Project Progress Report**

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| **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. |

Screenshot of Code???

