# Final Project: Project ideas

Team Members of Group 14:

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Kory’s idea:

1. Source: <https://www.kaggle.com/stephenofarrell/cost-of-living> or <https://www.numbeo.com/cost-of-living/rankings_by_country.jsp?title=2019-mid&region=002>
   1. Description: This dataset will help someone discover the cost of living in cities or countries around the globe. The data set will return a quantitative number to show the user where this certain place ranks in terms of their cost of living compared to the overall.
2. Travel Agents, Employees of companies with oversea relations, Real Estate Agents, and others who would want to know the cost of living of a location.
3. Often people will get a chance or opportunity to either work or study abroad. This comes with a lot of research of the unknowns associated with living in a different country, state, or even city. This data set will be able to help those who need to find the right location for their needs and budget. Making sure they are not going to go bankrupt if they decide to take this opportunity that has been presented to them.
4. **FOR:** Travel Agents, Employees of companies with oversea relations, Real Estate Agents, and others.
   1. **WHO:** Would want to know the cost of living of a location.
   2. **THE:** C.O.L.E (Cost Of Living Estimator) is a quick and easy to use web application.
   3. **THAT:** Helps you discover the cost of living in a particular area so that you may make informed decisions or just use it for research.
   4. **UNLIKE:** NerdWallet, which just shows the cost of living in the United States.
   5. **OUR PRODUCT:** will show cost of living stats worldwide and provide an easy to understand index.
5. Will have features that show and compare the cost of living, groceries, eating out, their rank.

Aaron’s idea:

1. List the source of and describe at least 1 potential data sets(**8 total points)**

[**https://www.kaggle.com/jackogozaly/data-science-and-stem-salaries**](https://www.kaggle.com/jackogozaly/data-science-and-stem-salaries)

This data set talks about jobs in the data science field and their corresponding salaries with different companies. It also lists things such as average age, location, and education requirements.

1. Identify who your customer/s would be **(8 total points)**

This would be most useful for college students and people who have recently graduated and are searching for a job. In addition, it could also be useful for people who are looking for a career change.

1. Describe the problem that the proposed project solves and justify its need **(10 total points)**

This project will help people find a job in data science. They will be able to compare not only salaries between the companies, but also different titles and education levels required.

1. State the product vision and how your web based project would be useful to society (8 points)

**For**: College students and graduates

**Who**: People searching for a job in the data science field

**The**: Job selector

**That**: Helps people search through different companies to find the job that fits them the most.

**Unlike**: Other job searchers that make you manually sort through different company listings. This app will incorporate them all together and even let you filter through them based on different criteria.

**Our Product**: will conveniently show different job listings based on the user’s preferences.

1. Identify the major features of each of the proposed projects **(12 total points)**

* Profile creation
* Job database
* Resume upload / editor
* Filters for listings

Taylor’s idea:

1. List the source of and describe at least 1 potential data sets(**8 total points)**
   1. Source: <https://charlotte.craigslist.org/search/roo?query=uncc&availabilityMode=0>
   2. Craigslist house share listing
2. Identify who your customer/s would be **(8 total points)**
   1. College students in charlotte and college students looking to move to charlotte for school
3. Describe the problem that the proposed project solves and justify its need **(10 total points)**
   1. The problem that my project will solve is helping students find roommates in charlotte.
4. State the product vision and how your web based project would be useful to society (8 points)

**FOR:** college students

**WHO:** want to find roommates and vet them before moving in with them.

**THE:** roommate finder

**THAT:** Helps people find the type of roommate they are looking for. Allows them to leave comments on said roommate. Displays the different places they could live.

**UNLIKE:** UNCC roommate search on the housing website, ours will be an mobile application that shows people looking for roommates in your charlotte and you will swipe left and right depending on whether or not you want to consider them for roomates.

**OUR PRODUCT:** will help students fine people who are looking for roommates, it will give a description of each person, and list all of the information they provided

1. Identify the major features of each of the proposed projects **(12 total points)**
   1. Profile creation
   2. Roommate database
   3. Available room with number of current students and their bio’s.
   4. Messaging service

Houston’s idea:

1. List the source of and describe at least 1 potential data sets(**8 total points)**

**Source:** <https://www.kaggle.com/cityapiio/countries-quality-of-life-index-2020-year>

1. Description: This data set shows the quality of life index scores for a variety of countries. It can be used to return the user the score that their country has and even give some ideas on where they could move to that could have a higher score.
2. Identify who your customer/s would be **(8 total points)**

Customers would be people who want to move to a better place or people who want to travel. It could also be used by travel agencies to find the best countries to let people vacation at.

1. Describe the problem that the proposed project solves and justify its need **(10 total points)**
2. Narrowing down where you want to live can be hard because there are so many places you can go. With this application you can have more help making this choice.
3. State the product vision and how your web based project would be useful to society (8 points)

**FOR:** movers, travelers, and travel agencies

* 1. **WHO:** want to know which places are ranked better for living in
  2. **THE:** quality of living app
  3. **THAT:** Helps people find the quality of life in their current country and also helps them find other countries that may be a better fit for them
  4. **UNLIKE:** The various list and data sets online that only list them out and don’t give any type of feedback to the users about where their country ranks or any ideas for new places to go to.
  5. **OUR PRODUCT:** Will easily tell the user their countries score while also being able to return new places to consider.

1. Identify the major features of each of the proposed projects **(12 total points)**

* Major features will be a questionnaire which will let the user put in their current country and then return them their score.
* An option to return places with a higher score.
* And maybe links for each country that will give the user a better idea of what the places are like.