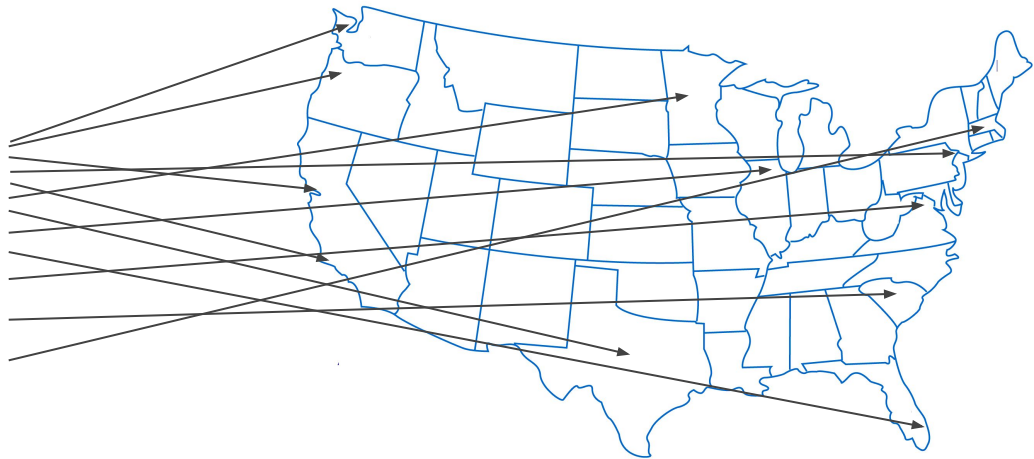


# cityfinder

**Anna Hazard, Alden Golab, Dani Litovsky Alcala**



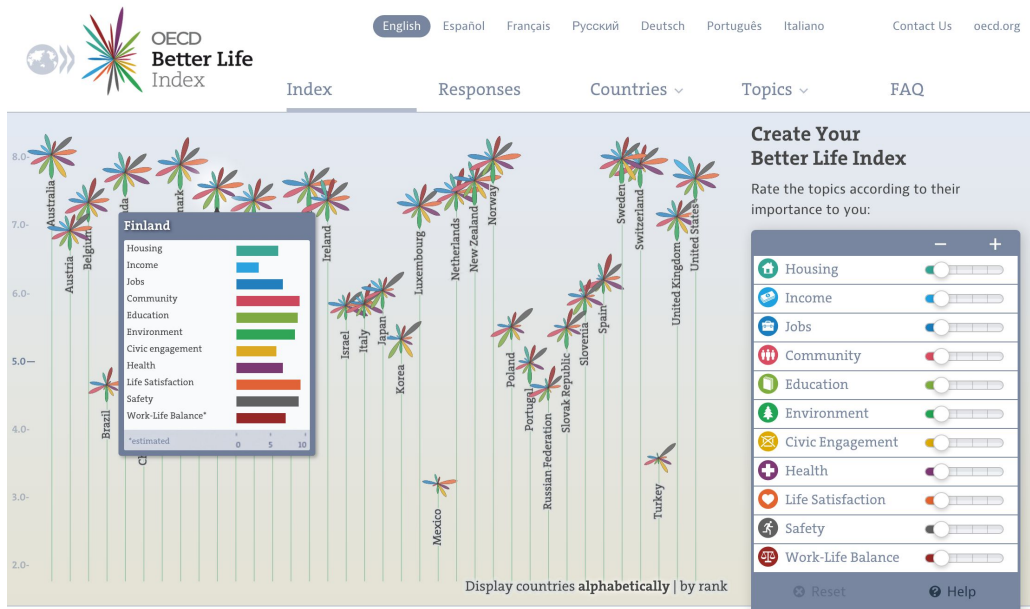
*I have all the necessary koalafications*



**Can we simplify the process of choosing a  
city to live in?**

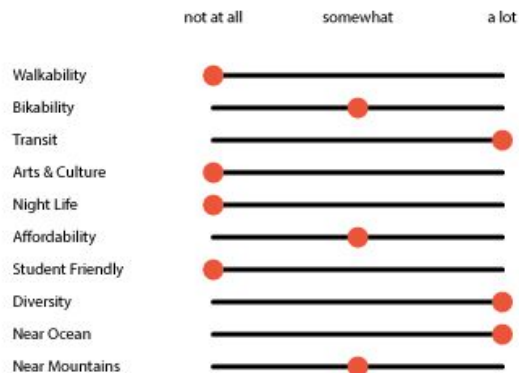
# Inspiration

OECD Better Life Index / <http://www.oecdbetterlifeindex.org/#/11111111111>

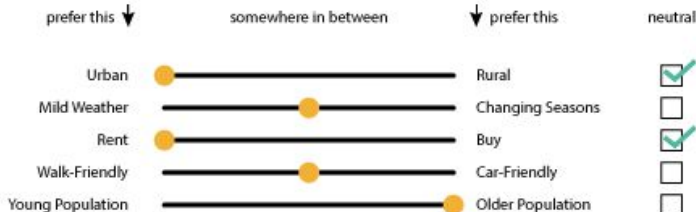


# Mock-up - Input Screen

How much do the following factors matter to you?



Which do you prefer?



I want to be close to:

zip code...

x 2

If person + partner,  
mediates individual  
preferences to find  
shared preferences

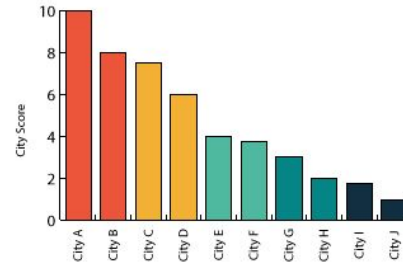
# Mock-up - Output Screen

— — —



Low Preference  High Preference

Your preferences  
indicate...



# Data Sources

— — —

**Census:** workforce by industry, ethnicities & race concentration, number of families with children, concentration of youth/seniors

**Census County Business Patterns:** concentration of bars/clubs, LGBT businesses, industries present in city

**US Bureau of Labor Statistics:** Cost of Living Index

**US HUD:** Crime Index, Average Rent

**WalkScore / BikeScore / TransitScore:** average walkability, bikability, transit

**National Center for Environmental Information:** Average temperature

**Department of Education:** nearby academic institutions

**Ourairports.com:** nearby airports



# New Items to Learn & Implement

— — —

- Django
- JavaScript / D3.js / Leaflet
- Recommendation Algorithm
  - Filter & Normalized Scores with Weights

# Work To Do

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- Gather data through scraping and APIs
- Clean data
- Build relational database
- Create Django project and put database into Django
- Implement algorithm for recommendation
- Create front-end user interface

# General Timeline

	Date	Deliverable	Owner
— — —	2/2	Data sources pulled	All
		Django app	Dani
2/4 Check-in		Wireframe built for critique, incorporate inputs	Anna
		Determine inputs & method for calculating attributes	All
2/9 Check-in		Data formatted	Dani & Alden
		First draft user interface, without maps	Anna
2/18 Check-in		Finish DB Structure	Dani & Alden
		Fully functioning user input interface & frontend, without maps done	Anna
2/25 Check-in		Working Algorithm	Dani & Alden
		Functional map & graph output	Anna
3/4		Marriage of frontend to backend and data	All
3/9		Final Presentation	All

# cityfinder

**Thanks!**