Final Checklist

Color scale of different scores:

Walk Score Scales:

70 – 100: walker’s paradise: #0FE749

40 – 69: very walkable: #51E579

20 – 39: somewhat walkable: #93E3A8

0 – 20: car-dependent: #ffffff

Metro Score Scales:

80 – 100: all-day metro mobility: #008000

50 – 79：convenient metro mobility: #367e36

1 - 49: limited metro mobility: #5A7E5A

0: No metro mobility: #ffffff

House Score Scales:

90 – 100: Excellent apartment nearby: #FF0000

60 – 89: Good apartment nearby: #ff4949

1 – 59: Average apartment nearby: #fd8686

0: No apartment nearby: #ffffff

Hospital Score Scales:

90 – 100: Excellent hospital nearby: #E500A2

60 – 89: Good hospital nearby: #DF4BB4

1 – 59: Average hospital nearby: #DB8DC4

0: No hospital nearby: #ffffff

Safety Score Scales:

90 – 100: Very safe region: #FFFF00

60 – 89: Relatively Safe region: #FDFD70

30 – 59: Not safe region: #FDFDB4

0 – 29: Dangerous region: #ffffff

Community Score Scales:

65 – 100: Large disability community: #00FFF9

35 – 64: Median disability community: #6FFFFC

15 – 34: Small disability community: #AFFFFD

0 - 14: No disability community: #ffffff

Accessibility Score Scales:

80 – 100: Super accessible place: #0057ff

60 – 79: Good accessible place: #4483fc

40 – 59: Average accessible place: #78a6ff

20 – 39: Limited accessible place: #c2d4f6

0 – 19: Inaccessible place: #ffffff

Description:

## In the evaluate page:

* Accessibility score is used to evaluate a place according to the needs of people with disabilities, or seniors. Specifically, five factors are combined to compute accessibility score: mobility (including walkability and metro mobility), safety, housing, hospital and disability community.
* Mobility Score combines walk score and metro mobility availability. Walk score measures how friendly an area is to walking, in terms of quality of footpaths and distance to nearby amenities. Metro mobility is a public transportation service that is especially provided for people with disabilities.
* Housing Score measures the availability and physical quality of nearby affordable apartments.
* Hospital Score measures the availability and overall rating of nearby hospitals.
* Safety Score measure the safety and security situation based on the crime rate statistics reported from the local police offices.
* Community Score measures the density of people with disabilities in local population

## In the explore page:

Select a geographical range and place level within Minnesota, we help you to find the best places to live or travel.

# HeatMap:

After some consideration, I decided to not implement heatmap update. Instead, I hope to add one user drop down menu, so that the user can decide which score he wants to see the heatmap. Then, if user adjusts the weight and click an ‘update’ button, we can direct him into a new page that only rank list is shown and there’s no need for heatmap.

Others:

1. Please remove the button “evaluate” or “explore” in the description web page.
2. Community Score is not correctly shown in the evaluation page. All community score is shown as 100
3. In addition, if I use zip code to search the results seems not reasonable. Did you try to add “MN” to the zipcode before you send it to google geocode?
4. Bonus: if there’s hospital or house nearby, can you show them on the same map, with different icons?
5. In the explore page rank list, if the users select tract level, can you show the street name, instead of the tract id? Because I think that makes more sense to the user who wants to find the location of place. I think I provide a table to look up street name given a tract id. If I don’t please see the attachment.