**Use Cases**

Search for a destination:

1. User selects “Search for Destination”
2. User inputs name of possible nearby locations
3. System displays possible matches to the search by order of best match
4. User selects the wanted location
5. System requests the configuration of the Risk Index parameters
6. User selects which of the three categories of data they want to omit (user safety reviews, past case data in close proximity, current amount of people)
7. System begins Risk evaluation based on selected parameters and judges how safe the location is
8. The store’s risk index is displayed as relatively safe
9. user gets the option to navigate to it

3.1) User’s input does not bring up any matches

3.2) The system informs him that no such locations are available and suggests to retype input

3.3) System returns to step 2

4.1) User does not find wanted location among possible matches

4.2) User selects to delete or alter previous search input

4.3) System returns to step 2

7.1) The amount of reviews of the location is judged to be insufficient for an accurate ruling

7.2) System informs user of lacking reviews and asks if they want to amend risk index configuration to omit reviews for this location

7.3) The user selects no.

7.4) System returns to step 8

7.2a) User selects to change the RI configuration settings

7.2b) System returns to step 5

8.1) The chosen destination’s risk index has a value above 3, and the user is given the option to browse similar destinations to the chosen one with possibly lower risk indices.

Suggest A destination

1. User selects “Suggest a similar destination”
2. System finds the relative tags of the previously searched location
3. System displays the main tags found for the user to confirm if they are accurate
4. System asks the user for the proximity of the search from the area of the previous selection
5. System searches for the destinations with appropriate tags in the given radius and requests for each of their risk indices to be calculated
6. System displays the possible destinations, highlighting the ones that adhere closely to the tag combination while having the best safety scores
7. User selects one of the suggestions and views its data
8. User gets the option to navigate to it

7.1) User finds no satisfying destinations and is redirected to the search page.