TripAdvisor Enhancement

MIS 6308.0W1

Group 2

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Executive Summary

Solo travel is on a constant rise these days. And is for a good reason, it allows much more freedom with a better opportunity to connect with locals. As per the 2015 Visa Global Travel Intentions Study, which surveyed some odd 13000 travellers from different countries, almost a quarter of those travelled alone on their recent trips. That is almost 10% more than those in 2013.

But for many, undertaking this step in this world can be quite intimidating. Staying safe while travelling alone becomes a big concern for such travellers. With respect to solo travelling, going to an offbeat location is mostly favoured as compared to some famous locations, for example taking up a hiking trail in New Zealand. In such conditions gathering travel information and stay options from a reliable site like TripAdvisor will be much more reliable than a few individual travelling websites.

To tackle these change in times with these specific requirements we have come up with an idea to pitch in special filters in TripAdvisor website to accommodate solo travellers and their demands. Our idea covers a wide array of demands when a user tries to search for a destination and the hotels. We have planned to introduce filters for solo travellers. Along with this we have made a case to add a separate section for solo travels with an addition of a safety meter while displaying the results. We tend to also introduce a separate section to have a look at health advisory, to further help in user analysis to improve a search. With this, any special user requirements for food such as organic and healthy could be easily met.

PROBLEM STATEMENT

Problems

The current system needs to leverage on the rising trend of solo travel and tourist awareness to cater more customers. Before someone plans a trip, they should have a way of checking if the place is safe for solo travel or the restaurant has solo dining. If travelling to a new country altogether, the user needs to know about the current health situation in the country, if there are any severe weather conditions or any virus outbreaks and the associated preventive measures that need to be taken.

TripAdvisor is one of the most trusted websites when it comes to finding hotels and vacation rentals. An extension to its existing functionality for solo travel and health will holistically help a customer to plan their holiday/dine out experience and enjoy it to the fullest as well.

Also, adding a safety meter feature for the destinations will help reduce uncertainty for the traveller and make better travel decisions.

Objectives:

1. Enhance the current system to allow users to filter restaurants which offer solo dining.
2. The new system also provides solo travel option for hotels and destinations.
3. The new system also provides safety guide and health guide for destinations.
4. The new system provides ability to select solo travel as travel type while writing review for hotel

Scope:

1. Estimated cost is approximately $200,000 for the entire system.
2. Time needed for completion is estimated to be 6 months.
3. We require manpower for developing enhancements in the website.
4. The system requires data to be pulled from CDC and Numbeo website for health and safety guide respectively.

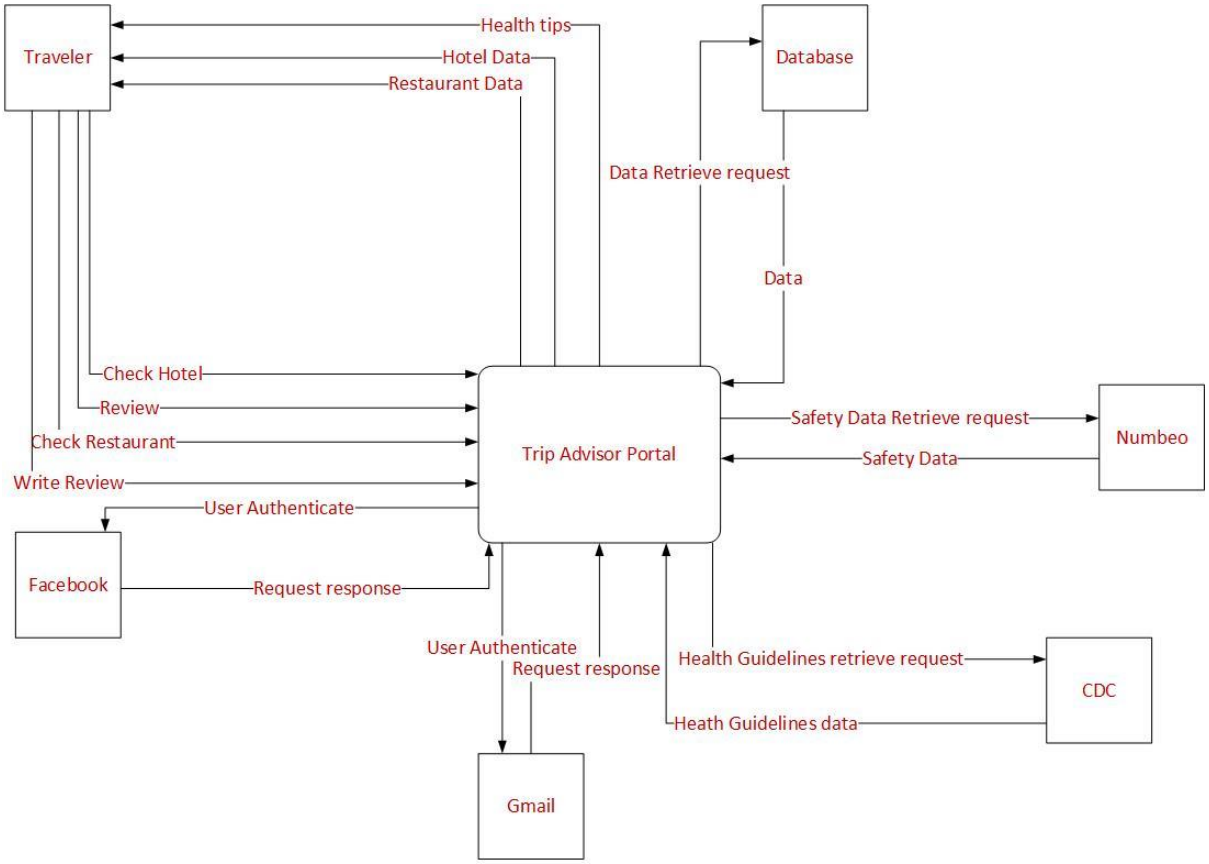
Functional Specification:

1. Once the solo traveller searches for a restaurant, he/she will get the option to search a restaurant as per keywords, cuisine type, dietary requirement, or price list. Hotels which do not have any of the selected keywords will be removed from the search results. The resulting restaurant list thus will be selected by going through each of the keyword category before giving the result. Lastly the result generated will be sorted by the best ranking in a decreasing manner.
2. After the user clicks on trip ideas, the websites display the suggested location as per the inputs. Once the location is displayed, if the user clicks on the restaurant section, the corresponding health details pertaining to the type of traveler is also given in the

results page. The health details are directly fetched from the CDC database and provides the current information regarding the selected city, if it is safe in terms of diseases.

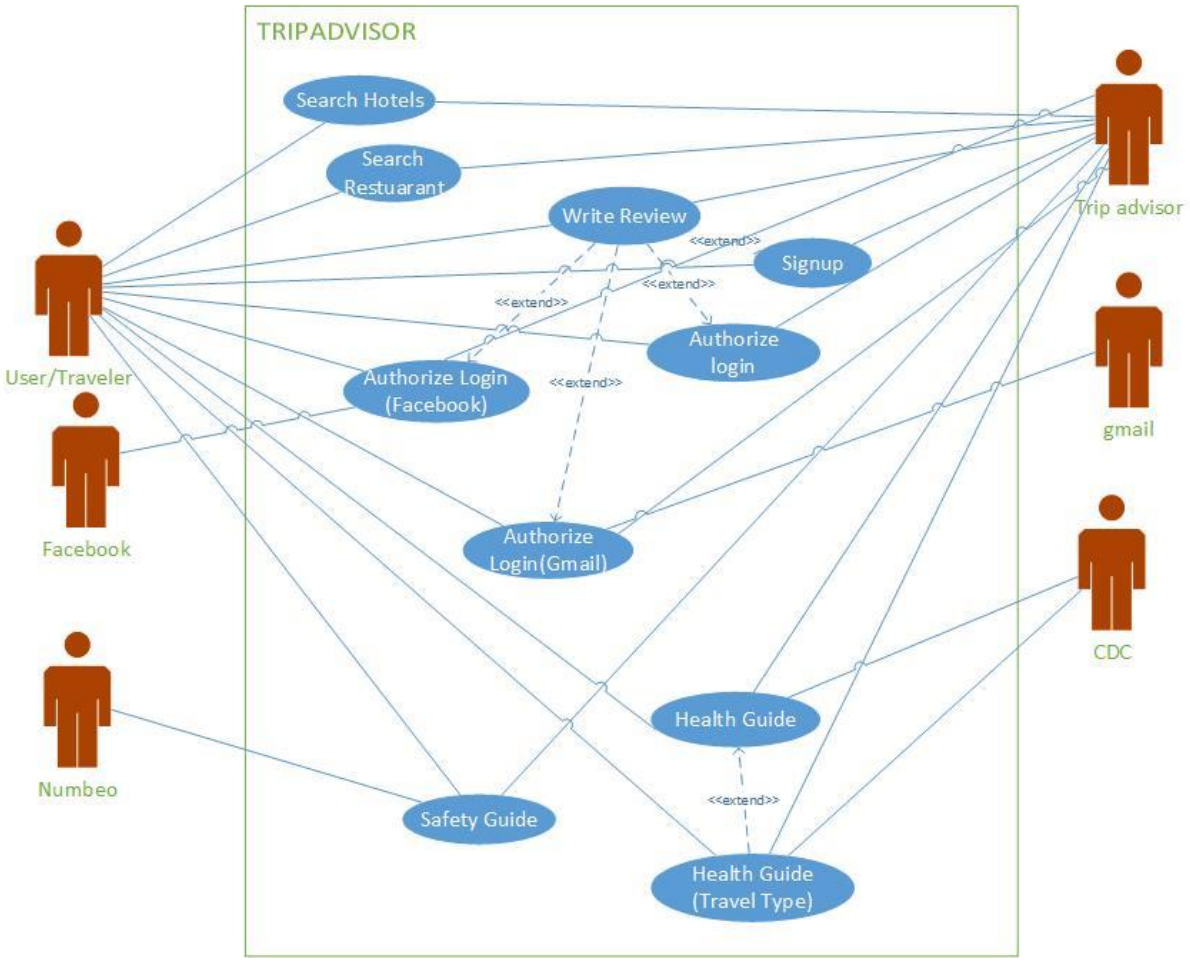
3. In the section ‘trip ideas’, the user is required to enter a few fields to suggest a list of places. In our special tab for solo travelers we have built a way to also display the current safety ratio for the resulting city. Once the city is displayed based on the user inputs, the safety ratio is displayed by taking in the information from Numbeo site, which displays the crime rate of the city.
4. To search a hotel, a user is required to enter few keywords associated with their requirement such as location, status, amenities requirement etc. The resulting output get selected based on the keywords. If the selected keyword is not present in the hotel description, it automatically gets removed from the results. And Finally the resulting hotels are sorted based on their overall rank.

Context Diagram



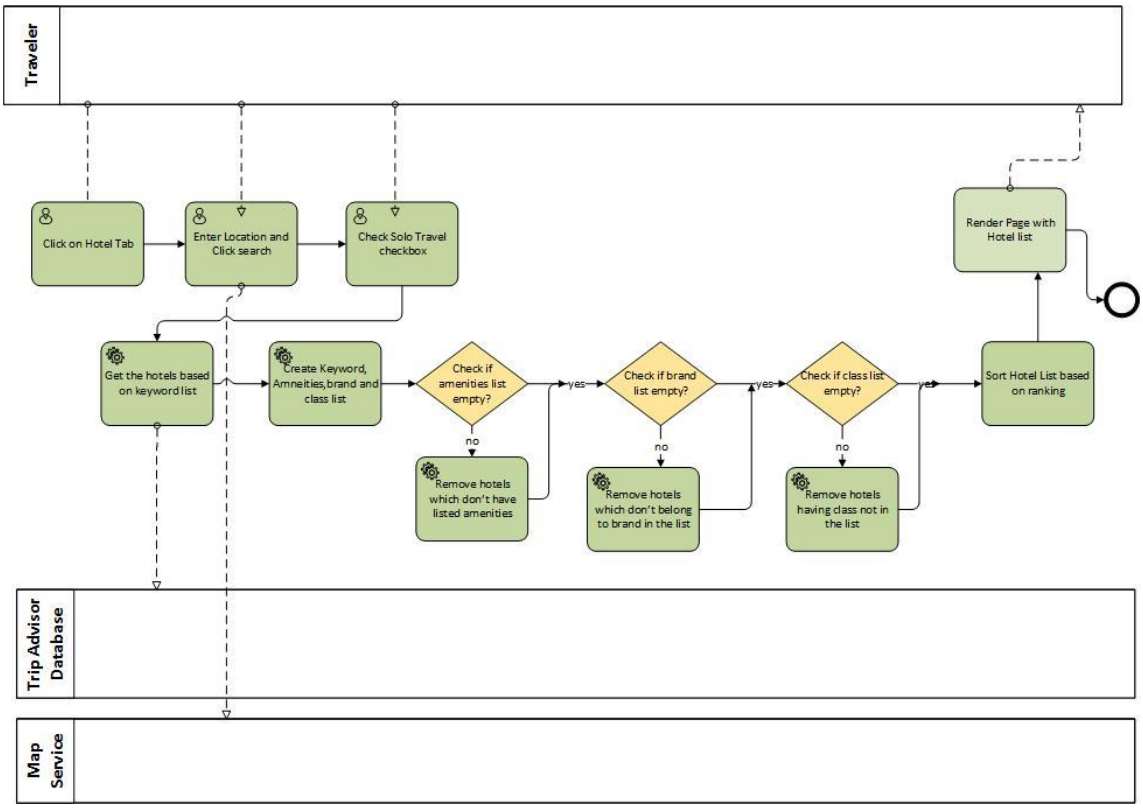
CDC: Centers for Disease Control and Prevention

Use Case Diagram

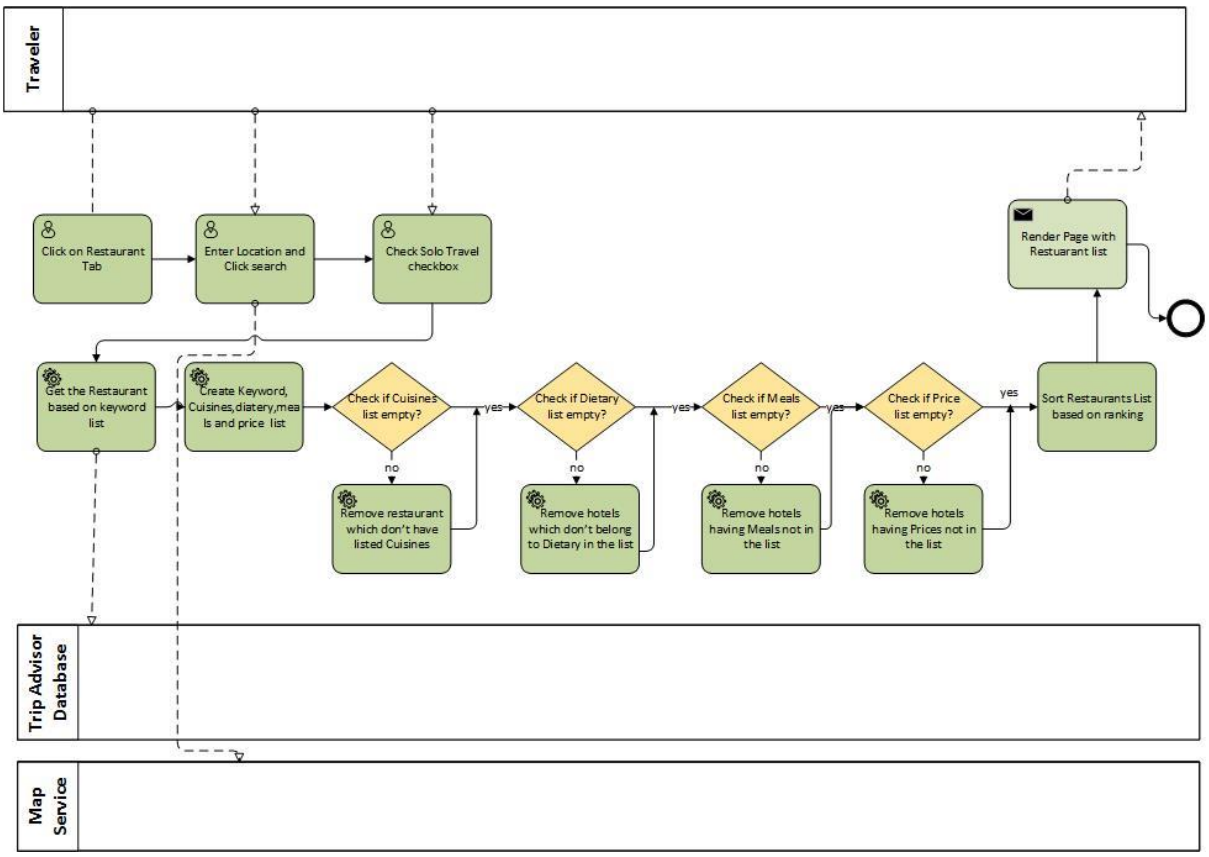


Choreography Diagrams

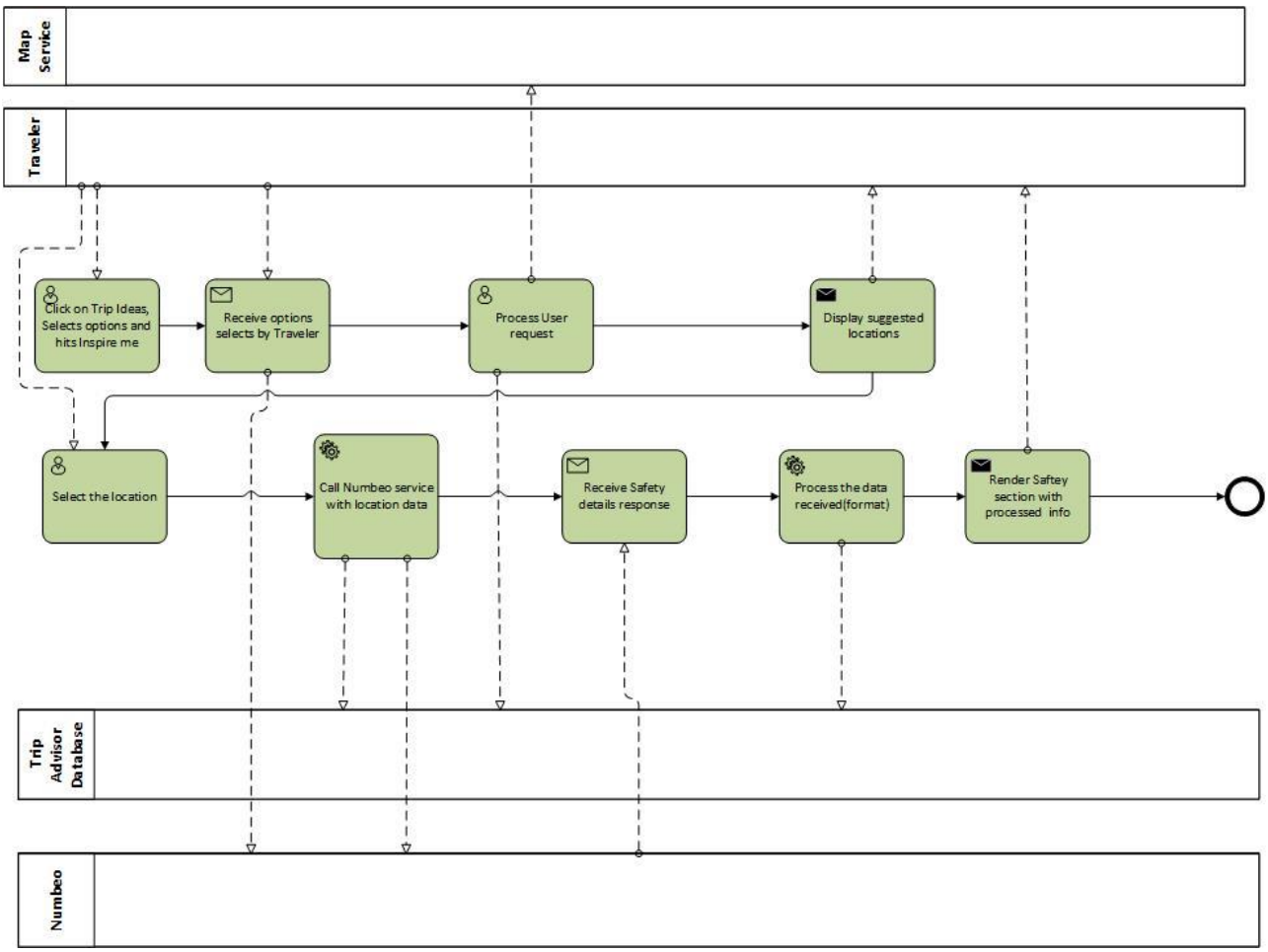
SearchHotels



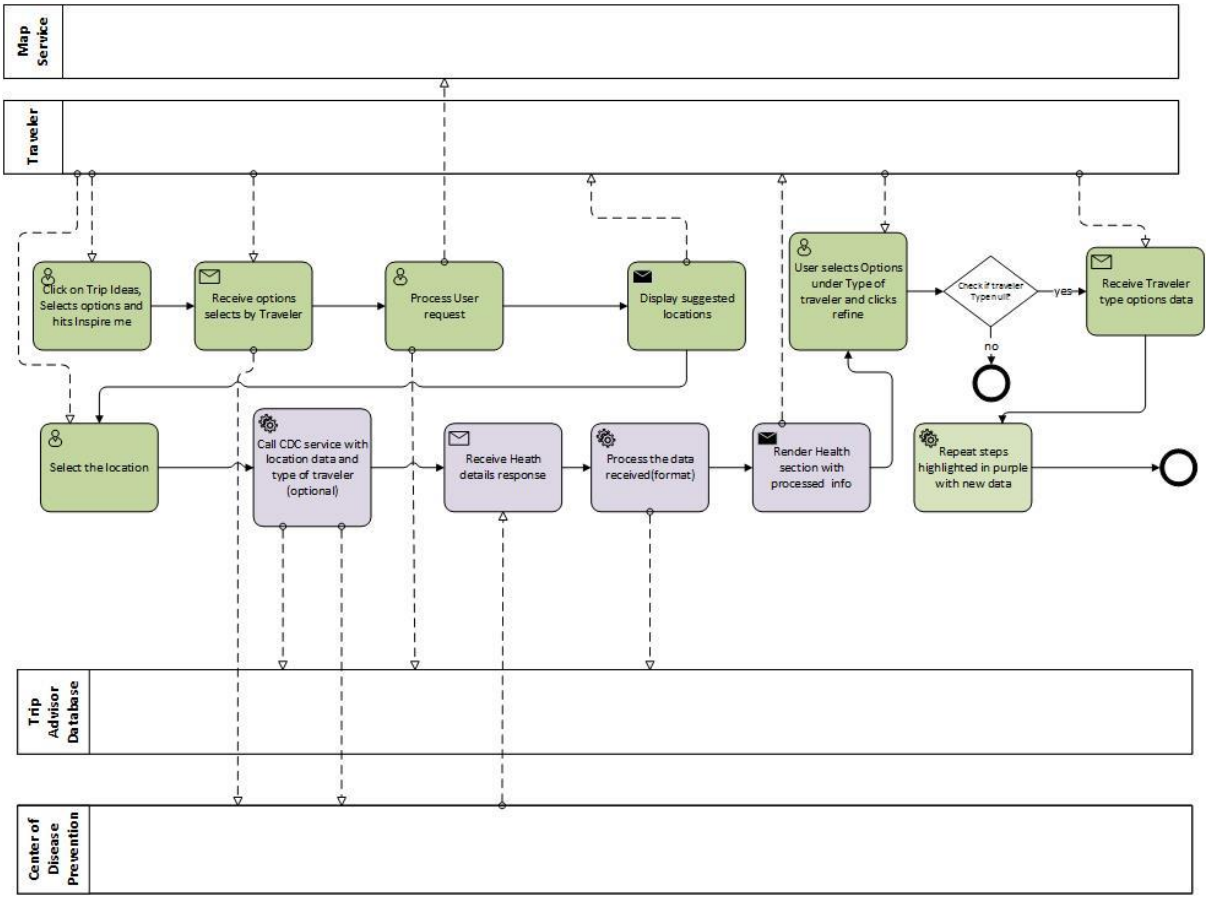
SearchRestaurant



Safety Guide



Health Guide



Use Case Descriptions

Use case Name: Search Restaurants
Primary actor: Traveler
Stakeholders: Restaurants, TripAdvisor
Brief Descriptions: Add solo to filter options of restaurants
Trigger: When a customer tries to search for restaurants
Normal Flow of events 1) Traveler clicks on Restaurant Tab 2) Traveler enters search criteria to look for nearby restaurants 3) Check the option box in "Good for" section for solo travelers 4) Create Restaurant Keywords list with related keywords based on check boxes selected. 5) Find restaurants having keyword in Restaurant Keywords list and create a restaurant list for them 6) Populate Cuisines list, Dietary list, Meals List and Price list based on the traveler selection of filters. 7) IF Cuisines list is populated, check if restaurants in the list satisfies the value 8) IF Dietary list is populated, check if restaurants in the list satisfies the value 9) IF Meals list is populated, check if restaurants in the list satisfies the value 10) IF Price list is populated, check if restaurants in the list satisfies the value 11) Sort the restaurants in the restaurant list based on the rating 12) Render the page with restaurants search result
Exception Flow: 1) Connection to Map service failed 2) Page rendering failed

Use case Name: Search Hotels
Primary actor: Traveler
Stakeholders: Hotels, TripAdvisor
Brief Descriptions: Add solo option to filters of Hotels
Trigger: When a customer tries to search hotels
Normal Flow of events 1) Traveler clicks on the Hotel tab 2) Traveler enters location and clicks on search 3) Under Hotel Style Filters, Traveler Selects Solo travel check box 4) Create Hotel Keywords list with related keywords based on check boxes selected. 5) For the entered location, find hotels having positive reviews with keywords matching hotel keyword list and add them to hotel list. 6) Populate Amenities list, Brand list and Class List based on the traveler selection of filters. 7) IF Amenities list is not empty then Check if hotels in hotel list have all the Amenities that's are selected in Amenities list 8) IF Brand list is not empty then Check if Hotels in hotel list belong to brand populated in Brand list 9) IF Class List is not empty then Check if Hotels in hotel list have class matching with Class list 10) Sort the hotels in the hotel list based on the rating(default sort option) 11) Render the page with restaurants search result
Exception Flow: 1) Connection to Map service failed 2) Page rendering failed

Use Case Name: Safety guide
Primary Actor: Traveler
Stakeholders: TripAdvisor, Numbeo
Brief Description: New tab “safety guide” is available in location page from trip idea
Trigger: When user clicks on inspire me under Trip ideas and then selects displayed location
Normal Flow of events: 1) Traveler clicks on Trip ideas under More drop down 2) Traveler selects “What you like “from the available options 3) Traveler selects locations from the displayed list under “Where you want to go” 4) Traveler clicks Inspire me 5) Traveler clicks on the listed locations 6) Trip advisor calls Numbeo service by passing location data 7) Trip advisory received Numbeo SOAP response from Numbeo 8) Numbeo SOAP Response is formatted and populated in safety section of the page 9) Traveler clicks on Safety idea tab 10) Control passes to Safety section of the page
Exception Flow: 1) User clicks on locations but doesn’t receive the good response as the Numbeo services are down then display the proper error response 2) Page Rendering failed

Use Case Name: Health Guide
Primary Actor: Traveler
Stakeholders: TripAdvisor
Brief Description: New tab “Health guide” is available in location page from trip idea
Trigger: When user clicks on inspire me under Trip ideas and then selects displayed location
Normal Flow of events: 1) Traveler clicks on Trip ideas under More drop down 2) Traveler selects “What you like “from the available options 3) Traveler selects locations from the displayed list under “Where you want to go” 4) Traveler clicks Inspire me 5) Traveler clicks on the listed locations 6) Trip Advisor Sends Health Request to Center for Disease Control and prevention 7) CDC sends the CDC SOAP response to Trip Advisor 8) Trip Advisor Render the Health Guides section with the information received.
Exception Flow: 1) If User clicks on locations but doesn’t receive the good response as the CDC services are down, then display the proper error response 2) Page Rendering failed

Use Case Name: Health Advisory with type of traveler selected
Primary Actor: Traveler
Stakeholders: TripAdvisor
Brief Description: Select Travel type and enter refine
Trigger: When user clicks on inspire me under Trip ideas and then selects displayed location
Normal Flow of events: 1) Traveler clicks on Trip ideas under More drop down 2) Traveler selects "What you like "from the available options 3) Traveler selects locations from the displayed list under "Where you want to go" 4) Traveler clicks Inspire me 5) Traveler clicks on the listed locations 6) Trip Advisor Sends Health Request to Center for Disease Control and prevention 7) CDC sends the CDS SOAP response e to Trip Advisor 8) Trip Advisor Render the Health Guides section with the information received. 9) Traveler select options under section "What type of traveler are you " 10) Populate heath request with options selected 11) Trip Advisor Sends Health Request to Center for Disease Control and prevention 12) CDC sends the CDS SOAP response to Trip Advisor 13) Trip Advisor refreshes the Health sections new data
Exception Flow: 1) If User clicks on locations but doesn't receive the good response as the CDC services are down, then display the proper error response 2) Page Rendering failed

Use Case Name: Sign Up for TripAdvisor
Primary Actor: User
Stakeholders: TripAdvisor
Brief Description: To write a review traveler needs to signup
Trigger: When a customer tries to write a review
Normal flow of events: 1. User clicks on Join button. 2. Create a User account using email and password 3. Send an email to the email address provided in step2 to validate the user 4. Activate the account
Exception Flow: 1) If user enters invalid details, then display "Login failed"

Use Case Name: Authorize Log-In
Primary Actor: User
Stakeholders: TripAdvisor
Brief Description: To write a review traveler needs to login, login details will be authorized
Trigger: When a user tries to login in TripAdvisor or wants to write a review
Normal flow of events: 1. User clicks on Log-In button. 2. User enters User details or call login Facebook service or call login Gmail service 3. Retrieve User Info from User database file 4. If credentials match, then authorize Log-In
Exception Flow:

1) User Authorization failed

Use Case Name: Authorize Log-In (Facebook)
Primary Actor: User
Stakeholders: TripAdvisor, Facebook
Brief Description: To write a review traveler needs to login using Facebook account, login details will be authorized
Trigger: When a User tries to login in TripAdvisor or wants to write a review
Normal flow of events: 1. User clicks on Log-In button. 2. User enters Facebook login details 4. If Facebook authenticates, then authorize Log-In
Exception Flow: 1) Connection to Facebook service failed 2) User Authorization failed

Use Case Name: Authorize Log-In (Gmail)
Primary Actor: User
Stakeholders: TripAdvisor, Gmail
Brief Description: To write a review traveler needs to login using Facebook account, login details will be authorized
Trigger: When a User tries to login in TripAdvisor or wants to write a review
Normal flow of events: 1. User clicks on Log-In button. 2. User enters Gmail account login details 4. If Gmail authenticates, then authorize Log-In
Exception Flow: 1. Connection to Gmail service failed 2. User Authorization failed

Use Case Name: Write a review
Primary Actor: User
Stakeholders: TripAdvisor, Gmail, Facebook
Brief Description: To Write a review
Trigger: When a User clicks on “click to rate” on TripAdvisor
Normal flow of events: 1. User clicks on “click to rate” and write a reviews 2. select solo from “what sort of trip was this”” 3. enter the details of your travel 4. Before submitting TripAdvisor authenticates using the use case described above.
Exception Flow: 1. Connection to Gmail service failed **2.** User Authorization failed **3.** Connection to Facebook failed

Data Dictionary

Gmail account login details: GoogleUsername + password

Facebook account login details: FBUsername + password

User details : Username+password

User info : Username +emailaddress+sex+gender+location

User account : Username+gender+sex+location+password

Good for:[Bar scene|Kids|Romance|Business meetings|Large groups|scenic view|families with children|local cusines|Special occasion|Solo dinning**]**

Location : Location_id+Continents+Country+State+Cities+Popularspots|Maps

Popularity: Reviews_Quantity+Reviews_Quality+Reviews_Recency

Reviews_Quality: User_Feedback

Reviews_Quantity: Number_of_Reviews

Reviews_Recency:

Name: Sorted_Location_Names

Search Criteria: [Restaurant_Name | Location]

Location : Country+State+cities|maps

Restaurant Keyword list: Solo_Dining|SoloIsts|Stag|GoingAlone|SoloEntertainment

Restaurant list = 1{RestaurantID + RestaurantName + Location+ ContactInfo + Rating + Reviews}10 **Cuisine_list**: 0{Cuisine_Name}10

Cuisine_Name: [Afghani| African| American| Argentinean| Asian| Bar| Barbecue| Basque| Belgian| Brazilian| Brew Pub| British| Cafe| Cajun & Creole| Canadian| Caribbean| Central American| Chinese| Contemporary| Cuban| Delicatessen| Diner| Dutch| Ethiopian| European| Fast Food| Filipino| French| Fusion| Gastropub| German| Greek| Grill| Hawaiian| Healthy| Hong Kong| Hungarian| Indian| International| Irish| Israeli| Italian| Jamaican| Japanese| Korean| Latin| Lebanese| Mediterranean| Mexican| Middle Eastern| Minority Chinese| Moroccan| Pakistani| Persian| Peruvian| Pizza| Pub| Salvadoran| Seafood| Shanghai| Soups| South American| Southwestern| Spanish| Steakhouse| Sushi| Szechuan| Thai| Turkish| Vietnamese| Wine Bar]

Dietry list: 0{Dietry_Name}3

Dietry_Name: [Vegetarian Friendly |Gluten Free Options |Vegan Options|Kosher|Halal]

Meals list: 0{Meals_Name}4

Meal_Name : [Breakfast |Brunch |Lunch |Dinner]

Price list : [Cheap Eats |Mid-range |Fine Dining]

Hotel list: 0{Hotel_Id + Hotel_name + + Location+ ContactInfo + Rating + Reviews}10

Amenities_list: 0{Amenities_Name}*

Amenities_Name: [Air Conditioning |Airport Transportation |Bar/Lounge |Business services |Concierge |Fitness |center |Free Parking |Free Wifi |Internet |Kitchenette |Meeting room |Non-Smoking Hotel |Pets Allowed |Free Breakfast |Pool |Reduced mobility rooms |Restaurant |Room Service |Spa |Suites |Wheelchair access]

Brand list : 0{Hotel_Brand}*

Hotel_Brand: Aloft |Americas Best Value Inns |Baymont Inn And Suites |Best Western |Best Western Plus |Candlewood Suites |Comfort Inn |Comfort Suites |Country Inns And Suites |Courtyard |Crossland Economy Studios |Crowne Plaza |Days Inn |DoubleTree |EconoLodge |Embassy Suites |Extended Stay America |Fairfield Inn |Fairmont]

Class list : [5start|4star|3star|2star]

Numbeo SOAP response: Crime_Index + Safety_Index

Health_Request: Country+State+Cities+(travel_type)

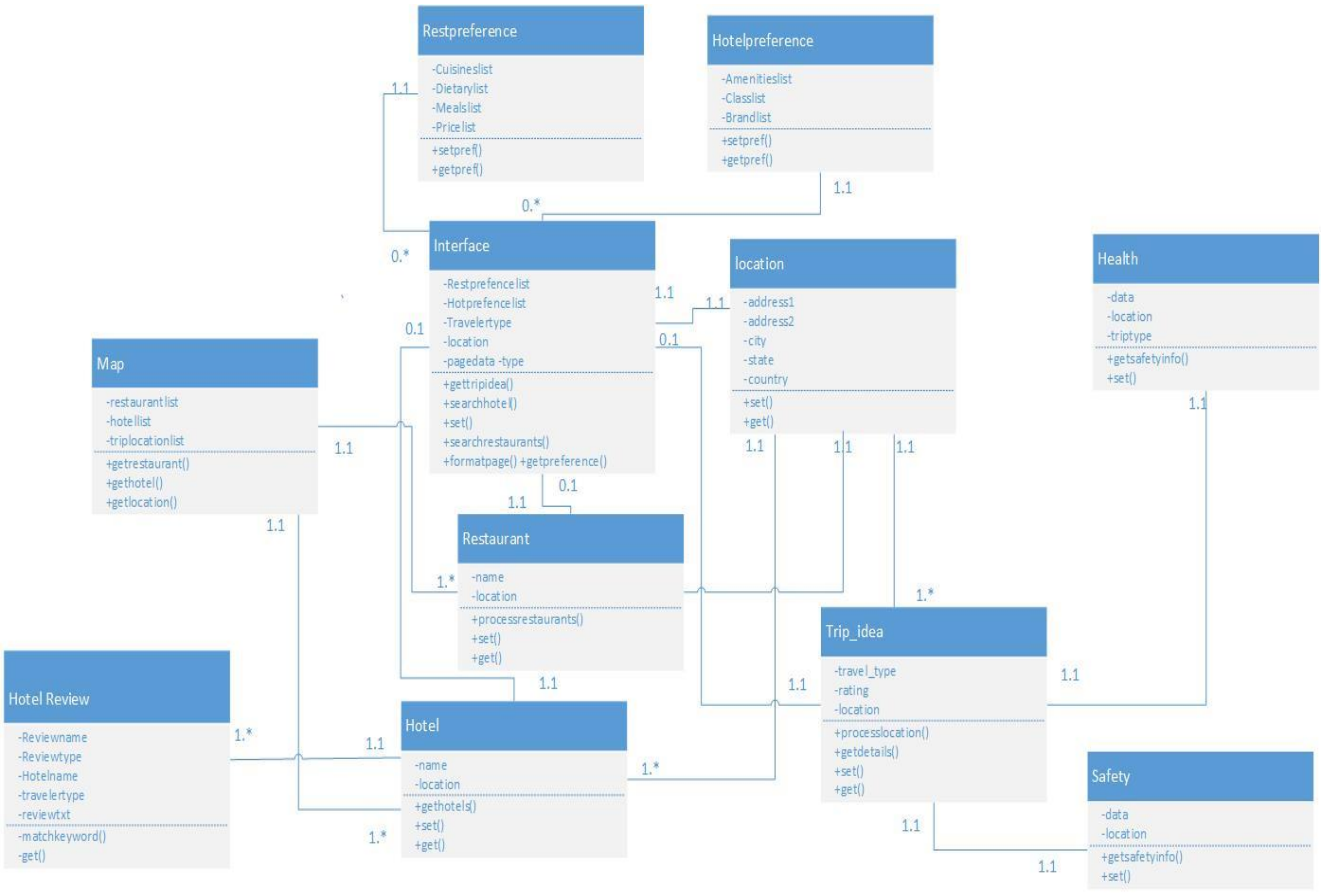
CDS SOAP response: Vaccines+Madicines+ HealthTravel_PackingList+Health_Notices

Where you want to go :[Anywhere|Europe|Africa & the Midlle East|Asia|Caribbean|United States & Canada|South Pacific|Mexico,Central &South America]

What you like : [Adventure|Beaches & Spa|Casinos|Family Fun|History & Culture|Romance|Shopping|Sking|Spa|solo]

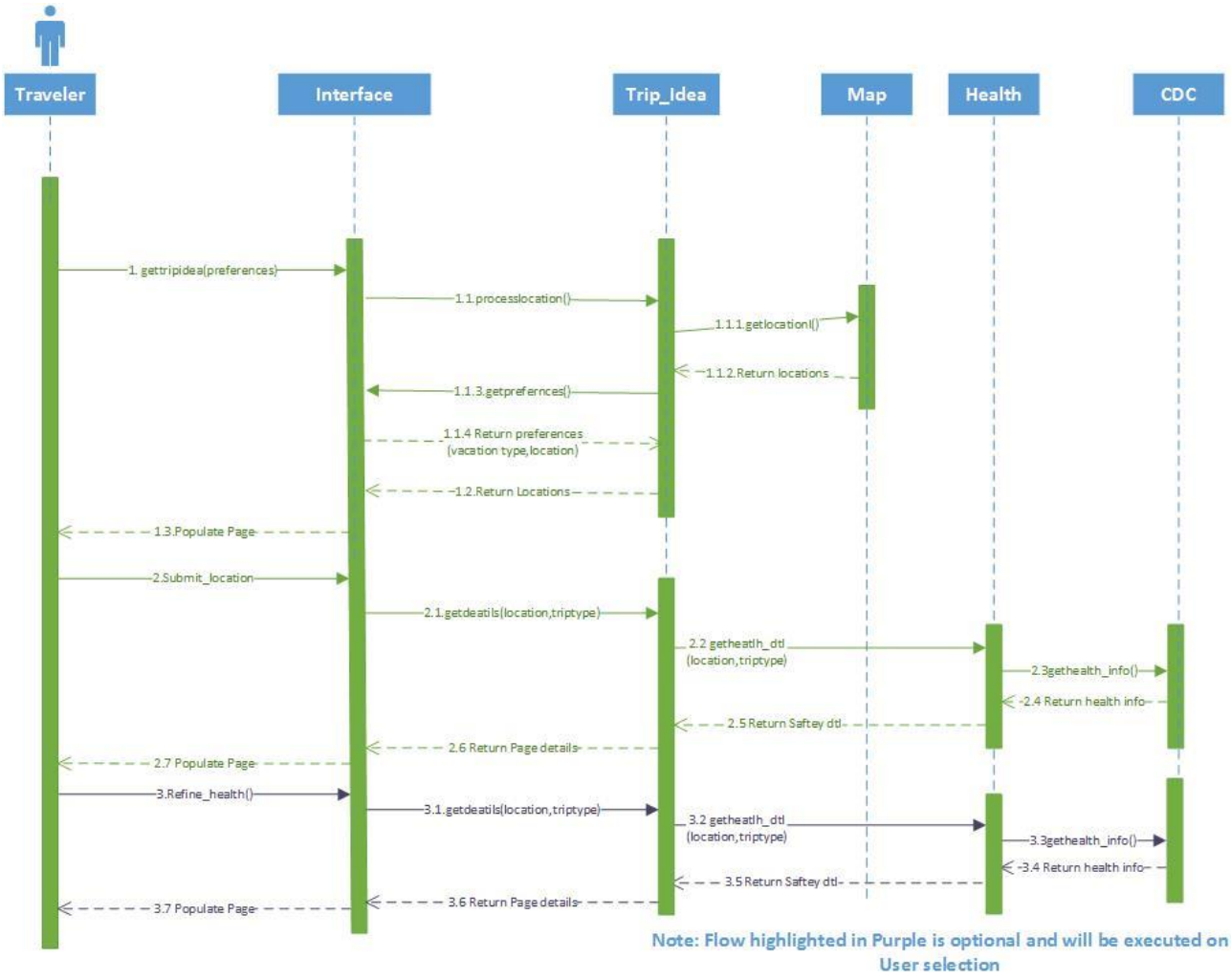
Hotel Keyword: [Party|Cheap|Discount|Budget|bar]

Class Diagram

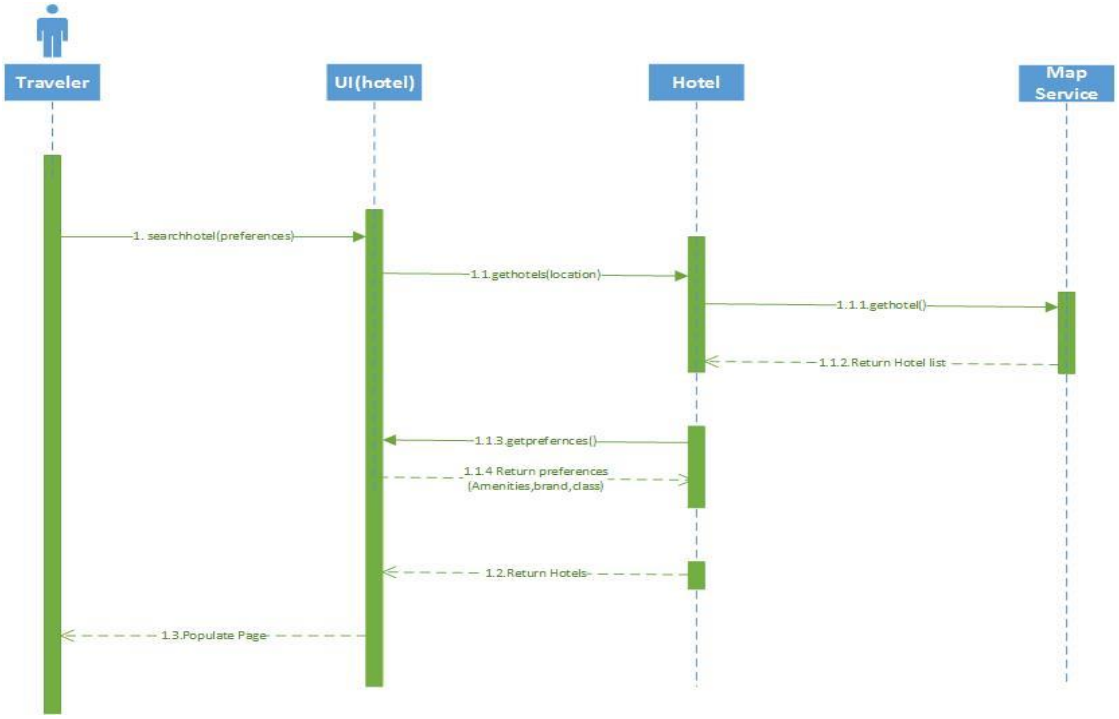


Sequence Diagram

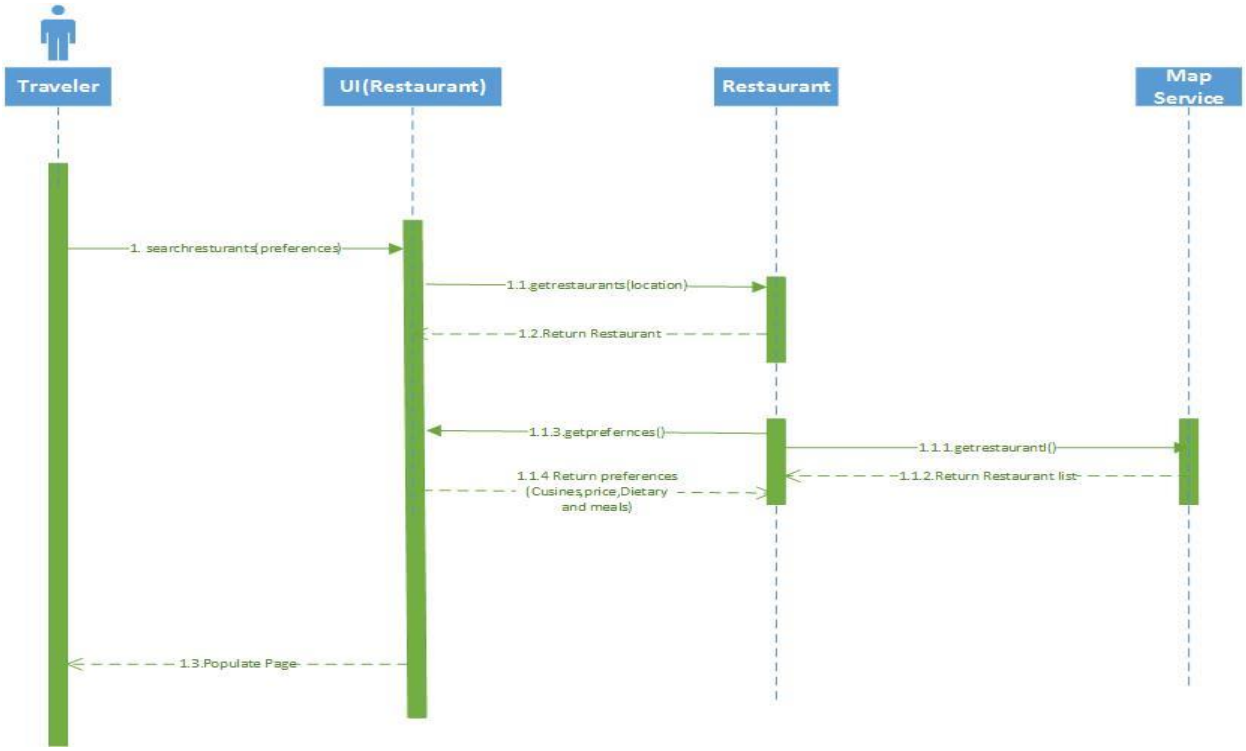
Heath Guide


Traveler
Interface
Trip_Idea
Map
Health
CDC
1. gettripidea(preferences)
1.1.processlocation()
1.1.1.getlocationl()
1.1.2.Return locations
1.1.3.getprefernces()
1.1.4 Return preferences
(vacation type,location)
1.2.Return Locations
1.3.Populate Page
2.Submit_location
2.1.getdeatils(location,triptype)
2.2 getheatlh_dtl
(location,triptype)
2.3gethealth_info()
2.4 Return health info
2.5 Return Saftey dtl
2.6 Return Page details
2.7 Populate Page
3.Refine_health()
3.1.getdeatils(location,triptype)
3.2 getheatlh_dtl
(location,triptype)
3.3gethealth_info()
3.4 Return health info
3.5 Return Saftey dtl
3.6 Return Page details
3.7 Populate Page
Note: Flow highlighted in Purple is optional and will be executed on User selection

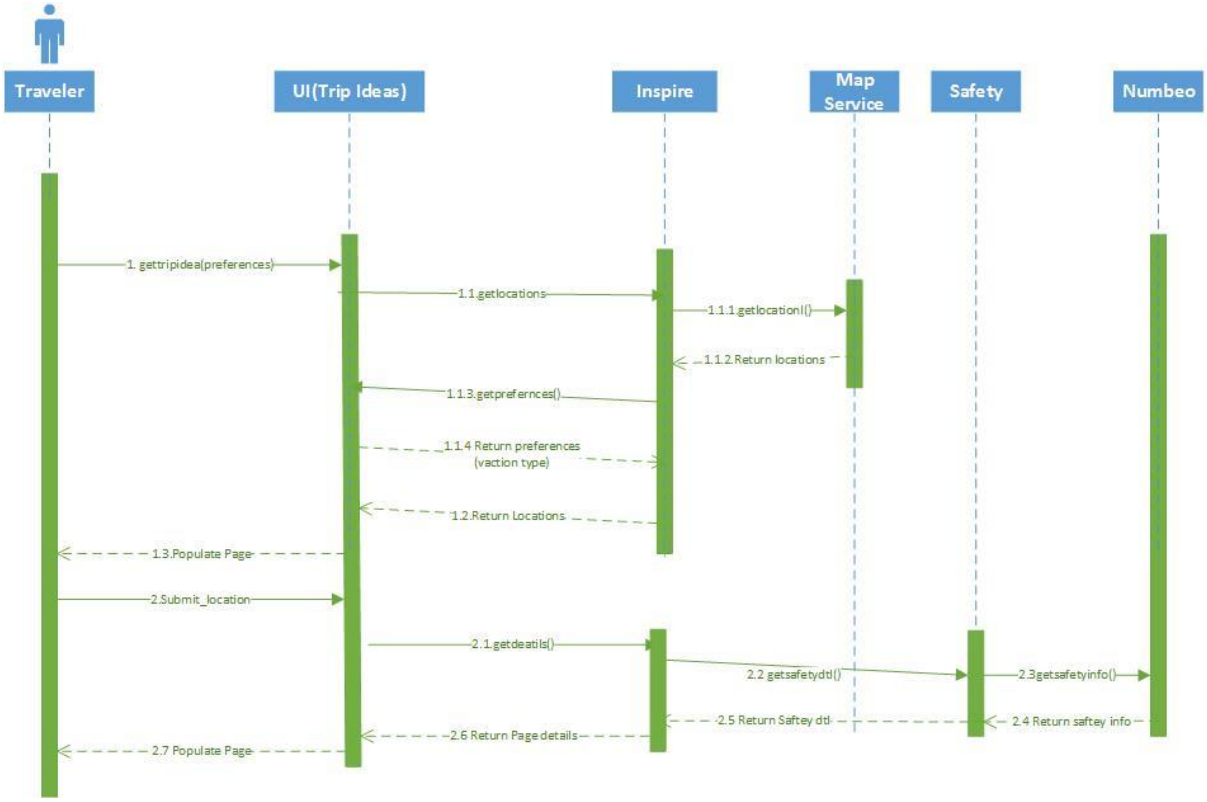
Search Hotels



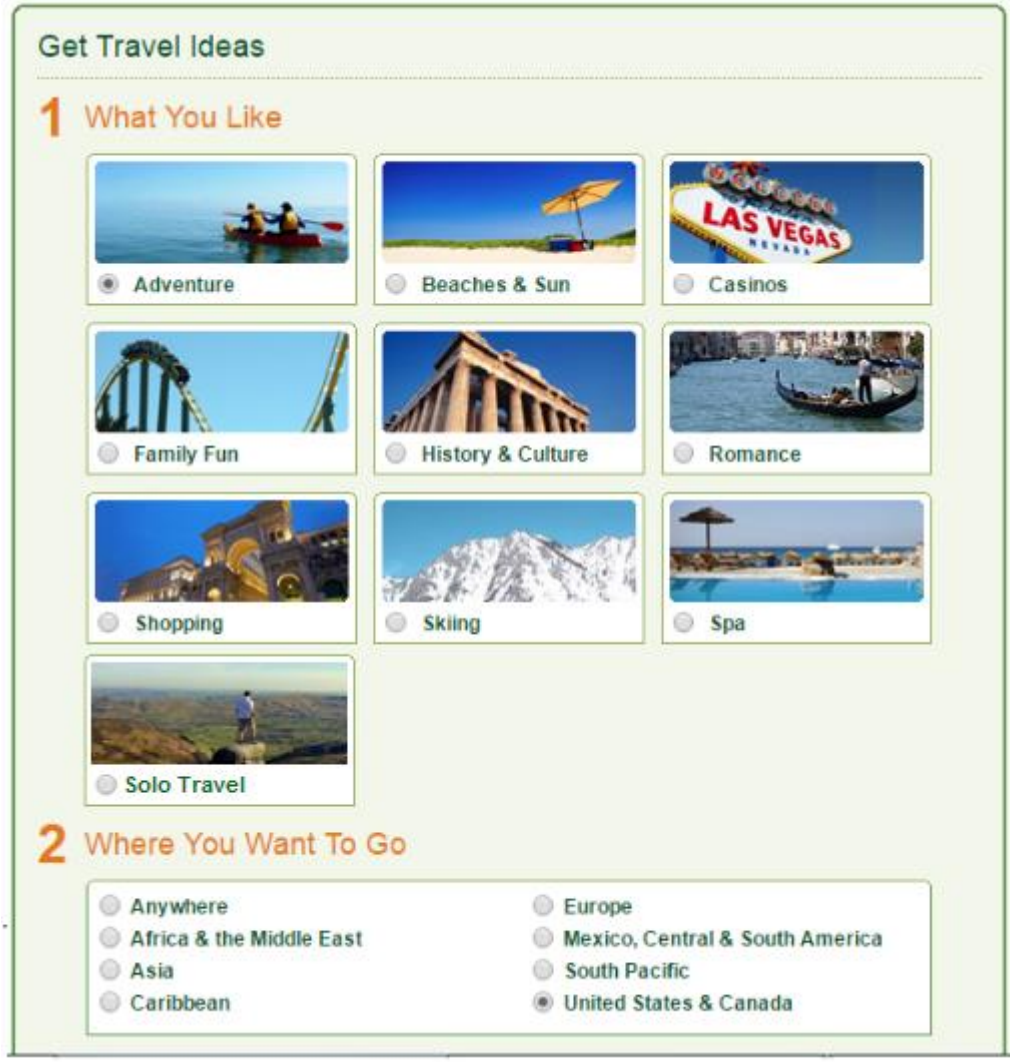
Search Restaurant



Safety Guide



Interface Design



Casablanca Hotel Times Square

147 West 43rd Street, (Just East of Broadway), New York City, NY 10036-6575

Your first-hand experiences really help other travelers. Thanks!

Your overall rating of this property

Draft saved at 5:08 PM.

Excellent

Title of your review

Summarize your visit or highlight an interesting detail

Your review Tips for writing a great review

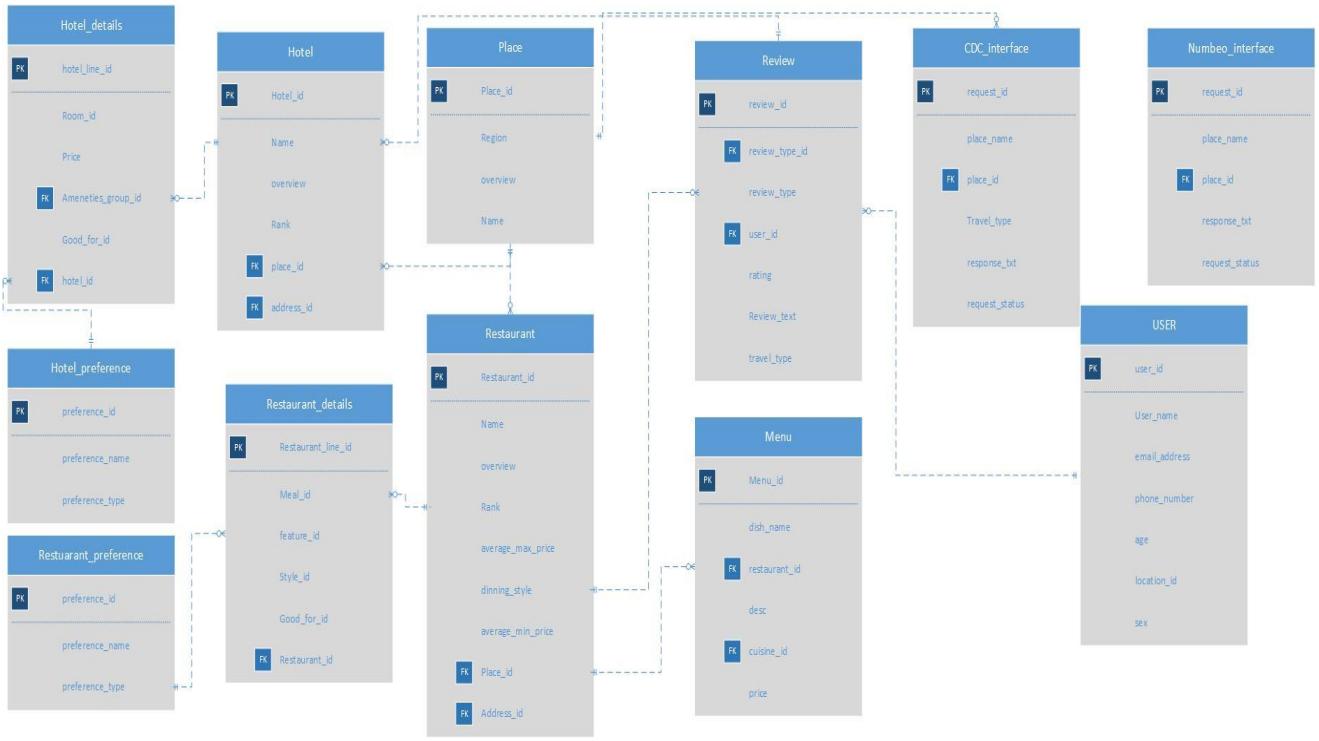
Tell people about your experience: your room, location, amenities?

(200 character minimum)

What sort of trip was this?

Business | Couples | Family | Friends | Solo

ER Diagram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Room_id
Price
FK Ameneties_group_id
Good_for_id
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Hotel
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Name
overview
Rank
FK place_id
FK address_id
Place
PK Place_id
Region
overview
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Review
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FK review_type_id
review_type
FK user_id
rating
Review_text
travel_type
CDC_interface
PK request_id
place_name
FK place_id
Travel_type
response_txt
request_status
Numbeo_interface
PK request_id
place_name
FK place_id
response_txt
request_status
Hotel_preference
PK preference_id
preference_name
preference_type
Restaurant_details
PK Restaurant_line_id
Meal_id
feature_id
Style_id
Good_for_id
FK Restaurant_id
Restaurant
PK Restaurant_id
Name
overview
Rank
average_max_price
dinning_style
average_min_price
FK Place_id
FK Address_id
Menu
PK Menu_id
dish_name
FK restaurant_id
desc
FK cuisine_id
price
USER
PK user_id
User_name
email_address
phone_number
age
location_id
sex
Restuarant_preference
PK preference_id
preference_name
preference_type

Software Design

Method Name: gettripidea **Class Name:** Interface

ID: 1

Clients (Consumers): Main method

Associated Use Cases: Get trip ideas on inspire me button click

Description of Responsibilities:

1. Call set() method to initialize values
2. Call getlocations() of Trip_Idea Class
3. Call to formatdata() to format the result from step2
4. Populate the page with the formatted data

Arguments Received: Preferences

Type of Value Returned: None

Pre-Conditions: User has selected the location

Post-Conditions: Page is rendered with the details

Method Name: processlocation **Class Name:** Trip_Idea

ID: 2

Clients (Consumers): gettripidea

Associated Use Cases: Get location list for Inspire me flow

Description of Responsibilities:

1. Call getlocation() of Map Class
2. Call getpreferences()
3. process location list based on the received preferences
4. Return list of locations

Arguments Received:

Type of Value Returned: list of locations

Pre-Conditions: User has selected the location

Post-Conditions: location list is populated

Method Name: getpreference **Class Name:** Interface

ID: 3

Clients (Consumers): processlocation(), processhotels()

Associated Use Cases: Get preferences in Inspire flow

Description of Responsibilities:

1. Call get () method and get all the values
2. Return preferences based on input type

Arguments Received: Type

Type of Value Returned: list of locations

Pre-Conditions: locations are available

Post-Conditions: preference values populated

Method Name: getlocation **Class Name:** MAP

ID: 4

Clients (Consumers): processlocation

Associated Use Cases: Get list of locations in Inspire flow

Description of Responsibilities:

1. Call Map system service and get the locations
2. Call set() method of location
3. Return locationlist

Arguments Received:

Type of Value Returned: list of locations

Pre-Conditions: locations are available

Post-Conditions: locations generic list populated

Method Name: submitlocation **Class Name:** Interface

ID: 5

Clients (Consumers): Main

Associated Use Cases: Get details of location in Inspire flow

Description of Responsibilities:

1. Set location and trip type (set())
2. Call getdetails() of Trip_Idea
3. Call to formatdata() to format the result from step2
4. Populate the page with the formatted data

Arguments Received:

Type of Value Returned: None

Pre-Conditions: User has the suggested location rendered in the page

Post-Conditions: Health data populated

Method Name: getdetails **Class Name:** Trip_idea

ID: 6

Clients (Consumers): submitlocation

Associated Use Cases: Get details of location in Inspire flow

Description of Responsibilities:

1. Call gethealth_dtl() of Health class
2. Call getsafteydtl() of safety class
3. Call other functions as per existing flow
4. Set the trip_idea object instance
5. Send the trip idea object back as response

Arguments Received: location, traveler type

Type of Value Returned: None

Pre-Conditions: User has the suggested location rendered in the page

Post-Conditions: Health data populated

Method Name: gethealth_dtl() **Class Name:** health

ID: 7

Clients (Consumers): getdetails

Associated Use Cases: Get details of location in Inspire flow

Description of Responsibilities:

1. Call CDC service with location and travel type populated
2. Receive the SOAP response
3. Return xml format data from response

Arguments Received: location, traveler type

Type of Value Returned: data object (xml format)

Pre-Conditions: User has the suggested location rendered in the page

Post-Conditions: Health data populated

Method Name: getsafteydtl() **Class Name:** Safety

ID: 8

Clients (Consumers): getdetails

Associated Use Cases: Get details of location in Inspire flow

Description of Responsibilities:

1. Call Numbeo service with location type populated
2. Receive the SOAP response
3. Return xml format data from response

Arguments Received: location

Type of Value Returned: data object (xml format)

Pre-Conditions: User has the suggested location rendered in the page

Post-Conditions: Health data populated

Method Name: searchhotel() **Class Name:** Interface

ID: 9

Clients (Consumers): Main

Associated Use Cases: Search Hotels

Description of Responsibilities:

1. Call set() to initialize values
2. Call processhotels() of Hotel class
3. Call to formatdata() to format the result from step2
4. Populate the page with the formatted data

Arguments Received: location, preference
Type of Value Returned: none
Pre-Conditions: User enter needs input and clicks search
Post-Conditions: Page populated with Hotel list

Method Name: processhotels() **Class Name:** Hotel

ID: 10

Clients (Consumers): searchhotel()

Associated Use Cases: Search Hotels

Description of Responsibilities:

1. Call gethotel() of MAP Class
2. Set hotel object with the received MAP object
3. Call getprefernce() of Interface class
4. Refine Hotel list based on preferences
5. Return hotel list

Arguments Received: location

Type of Value Returned: Hotel list

Pre-Conditions: User enter needs input and clicks search

Post-Conditions: Hotel list is populated

Method Name: gethotel() **Class Name:** MAP

ID: 11

Clients (Consumers): processhotels()

Associated Use Cases: Search Hotels

Description of Responsibilities:

1. Call Map system service and get the hotels for location
2. Call set() method
3. Return hotellist

Arguments Received: location

Type of Value Returned: Hotel list

Pre-Conditions: User enter needs input and clicks search

Post-Conditions: Hotel list is populated

Method Name: searchrestaurant() **Class Name:** Interface

ID: 12

Clients (Consumers): Main

Associated Use Cases: Search Restaurants

Description of Responsibilities:

1. Call set() to initialize values
2. Call processrestaurants() of Restaurant class
3. Call to formatdata() to format the result from step2
4. Populate the page with the formatted data

Arguments Received: location, preference

Type of Value Returned: none

Pre-Conditions: User enter needs input and clicks search

Post-Conditions: Page populated with restaurant details

Method Name: processrestaurants () **Class Name:** Restaurant

ID: 13

Clients (Consumers): searchrestaurant()

Associated Use Cases: Search Restaurants

Description of Responsibilities:

6. Call getrestaurant() of MAP Class
7. Set restaurant object with the received MAP object
8. Call getprefernce() of Interface class
9. Refine Restaurant list based on preferences
10. Return Restaurant list

Arguments Received: location

Type of Value Returned: Restaurant list

Pre-Conditions: User enter needs input and clicks search

Post-Conditions: Restaurant list is populated

Method Name: getrestaurant() **Class Name:** MAP

ID: 14

Clients (Consumers): processrestaurants ()

Associated Use Cases: Search Restaurants

Description of Responsibilities:

4. Call Map system service and get the Restaurant for location
5. Call set() method
6. Return Restaurant list

Arguments Received: location

Type of Value Returned: Restaurant list

Pre-Conditions: User enter needs input and clicks search

Post-Conditions: Restaurant list is populated

Project Timeline

Dates	Week	Project Topic Selection	Idea proposal	Objective and Scope	Context diagram	Use case and Process diagram	Use case description, data dictionary	Choreography Diagram	Class diagram	Sequence diagram	Functional specification	Collate and report generation
9/5/16	Week 37											
9/12/16	Week 38											
9/19/16	Week 39											
9/26/16	Week 40											
10/3/16	Week 41											
10/10/16	Week 42											
10/17/16	Week 43											
10/24/16	Week 44											
10/31/16	Week 45											
11/7/16	Week 46											
11/14/16	Week 47											
11/21/16	Week 48											
11/28/16	Week 49											
12/5/16	Week 50											

Minutes of Meeting

Meeting 1

Date	9/12/2016
Time Spent	2 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Discussions carried out on different ideas 2. Discussed scope of each idea 3. Finalize a topic after agreement with the team members
Next Meeting	9/26/2016

Meeting #2

Date	9/26/2016
Time Spent	2 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Idea Proposal for the selected topic 2. Discussed scope of final idea for the project 3. Collaborated to define new system outlines and objectives
Next Meeting	10/03/2016

Meeting #3

Date	10/3/2016
Time Spent	2.5 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Discussed the different use cases 2. Finalized the context diagram
Next Meeting	10/17/2016

Meeting #4

Date	10/17/2016
Time Spent	2.5 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Discussed various Use cases for the upgrade and finalized the use case diagrams 2. Creation of Process diagrams
Next Meeting	10/31/2016

Meeting #5

Date	10/31/2016
Time Spent	2.5 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Composed the use case description 2. Created data dictionary 3. Worked on choreography diagram construction
Next Meeting	

Meeting #6

Date	11/14/2016
Time Spent	2.5 - 3 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	Collaborated to generate class diagram and sequence diagram
Next Meeting	11/28/2016

Meeting #7

Date	11/28/2016
Time Spent	2.5 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	1. Discussed functional specifications as per the work covered till now 2. Worked on the interface design 3. Started the collations and report generation
Next Meeting	12/05/2016

Meeting #8

Date	12/05/2016
Time Spent	2 hours
Attendees	Shivam Pandita, Sarthak Rohilla, Anubhuti Rawat, Ridhima Dhawan, Lalit Bhardwaj
Agenda	Completed report documentation and proof reading