

MAP524
Proposal

Toronto Travel Guide Proposal

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Summary

Travel Guide Toronto displays all of the famous tourist attractions in Toronto that is listed on the Toronto Website. It's a great application for tourist or Torontonians who wants to explore the Greater Toronto Area.

Why mobile application is a good choice

- GPS service can detect the user's current location, which helps guiding the user to their destination or finding attractions near them.
- Ease of access for tourist when they are on the road.

Expected User

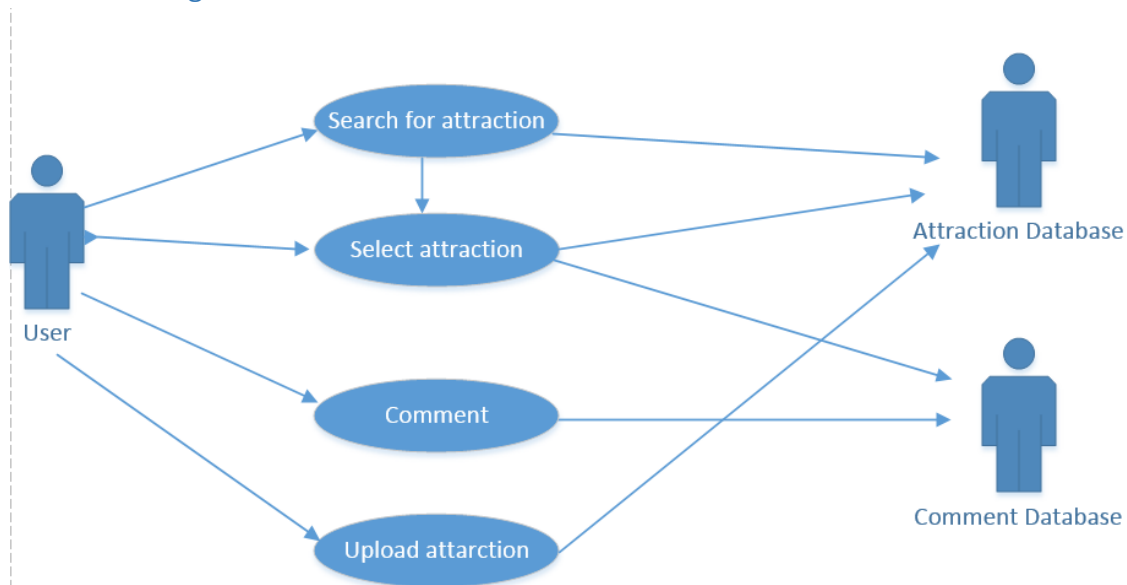
- Tourist who didn't have a plan.
- Torontonians who is showing friends around.

Key Functions

1. Search for tourist attraction in an area
 - o Allows the user to enter an address, or attraction name.
 - o Display a list of tourist attraction that matches the result.
 - o When an attraction is selected, display the description with possibly photos.
2. Tourist attraction Description and Rating system.
 - o Display the tourist attraction's average rating, description, and user comments.
3. Tourist attraction recommendations (upload)
 - o Allows users to upload places of interest that they recommends.
 - o Minimum requirements: Name, valid address, Description.
4. List all tourist attraction
 - o List all tourist attractions stored in the database, sorted by rating.

Use-case Diagram

Use Case Diagram



Use Case Specification

Search for attraction

Short Description: This use case enables the actor to search for tourist attractions.

Actors: User

Trigger: Address entered into search dialog box, and enter pressed, or click on the GPS button and search attraction list using current location

Result: User Search for attraction.

Select attraction

Short Description: This use case enables the actor to select a specific attraction from attraction list.

Actors: User

Trigger: User select an attraction from attraction list, or searched for specific attraction.

Result: User can view comments, rating, and description of the selected attraction.

Comment


Short Description:	This use case enables the actor to add comments to the selected attraction.
Actors:	User
Trigger:	Comment entered into search dialog box or a rating is selected, and submit button has been hit
Result:	User add comments and rating for the selected attraction.

Upload attraction

Short Description:	This use case enables the actor to upload tourist attraction.
Actors:	User
Trigger:	The "Upload attraction" form is been completed, and "submit" button is clicked.
Result:	User add comments and rating for the selected attraction.

Mockup

Search page

- Contains a search box, an “Enter” button, along with a  symbol for “Search near your location”.
- Contains an “Upload attraction button”. When clicked, redirect to “Upload attraction” page.
- When “Enter” button is clicked and no location is given, list all tourist attraction in the database.

Search Result page

- Display a list of attraction that’s sorted by its distance to the given location, sorted by rating and distance away from the user’s location.
- When the user chooses an attraction, direct the user to Tourist Attraction page.

Tourist Attraction page

- Display the selected application’s name, address, approximate location on google map, and its average rating and comments.
- Display the comments in descending order by date.
- Contains a dialog box that allows the user to input comment, and rating, along with a submit button for feedback submission.

Upload attraction page

- Contains a form that contains three text boxes, “Name”, “Address”, and “Description”, along with a “Submit” button.
- All three text field are mandatory for uploading attraction, when the submit button is clicked, a popup window will appear confirming whether the user has successfully submitted the attraction.

Timeline

Task	Estimate Completion Date
Create/Setup SQLite Database for Tourist attraction	11/7/2015
Create rating system, create rating system database	11/10/2015
Create search page, result page	11/14/2015
Create Upload attraction page, Tourist attraction page	11/18/2015
Implement Google location service	11/28/2015