Shopper Mapper

Client Brief

Juno College of Technology

Project description:

Sometimes you don't want to go to the coolest, newest place. You just want to go to a regular restaurant, bar, grocery store, or coffee shop.

Requirements:

- Use the MapQuest API
- A user should be able to use their current location or input a location as a base
- The user should be able to type in a query (e.g. clothing, museums, coffee shop, bar, etc.)
- Users can see every instance of that thing within 10km of the base location ordered by relevance.
- The middle location of the returned list should be highlighted. (If it's an even number, the middle two.)
- User should be able to choose a returned destination and get directions from the base location to that destination
- Proper error handling. For example:
  - If a user types in a query that yields no result - they should be provided feedback (e.g. there were no items found)
  - Common error responses should be handled
  - API loading states

Stretch goals:

- Make a range input that adjusts the size of the area searched (e.g. from 1km to 20km with steps at 1km or 5km)
- Tourist Mode should highlight anywhere whose name appears more than once (e.g. Tim Horton's)
- Users can vote for the most average locations in that range and save them on Firebase
- The most average locations populate a public map so people can see what other people chose + liked

Deliverables:

- Project files up on GitHub
- Project up on GitHub pages or your own URL
- All requirements completed BEFORE any stretch goals have been attempted

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