



FindMyRestro

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Abstract

Nepal has many traditional restaurants that go undiscovered just because they do not have a trace online. Most of these restaurants end up getting closed due to a lack of exposure to the public. This leads them to be surpassed by urban restaurants in a competitive economy. This web application will try to bridge the gap between these traditional restaurants and the people of Nepal. It will be a platform for these traditional restaurants to advertise themselves without any cost. Not only is this app meant to serve as a platform for the restaurants, but it will also provide the users with relevant information about the restaurants listed. The users will be able to rate and review the restaurants they visit in the web application. Along with this, FindMyRestro will also recommend restaurants to its users in accordance with their past likes. It has been difficult to obtain data from Nepal right now due to its geographical distance. Therefore, for the testing phase, FindMyRestro will use the restaurants around Trinity College. The app uses firebase for the database, storage and deployment because of its cost-free service for lighter web applications.

Methods and Materials

- The app has a platform that will allow restaurant owners to add their restaurants in the app without any cost.
- The app will have a simple form that will ask for the restaurant details which the restaurant owner must fill.
- The app uses Firebase authentication which allows the user to sign in through their Gmail account.
- The users can rate or review the listed restaurants through the like button and the review box integrated into each listed restaurant.
- Also, the app stores the last 10 likes of the user and the restaurant recommendation algorithm recommends restaurants to the users according to those searches.

Sources for Data Collection



Imported restaurant details from Grubhub.



Imported photos of the restaurant from Yelp.

Technologies Used



Used Firebase for Authentication, Storage and Database

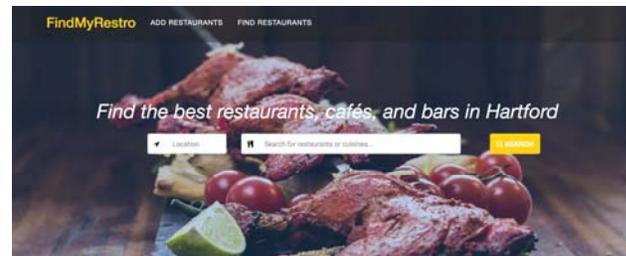


Used Bootstrap to create interactive front-end design

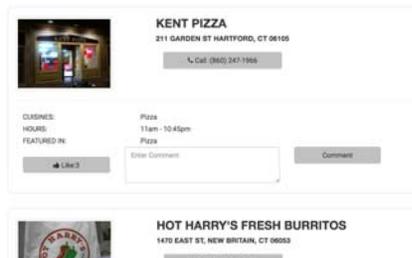


Used JQuery for animations and user interactions

Signed in User view



FILTER



QUICK SEARCHES

DISCOVER RESTAURANTS BY TYPE OF MEAL



Panel for adding restaurants

ENTER THE RESTAURANT DETAILS

Name of Restaurant:

Address of Restaurant:

Contact:

CUISINES:

HOURS:

FEATURED IN:

About Restaurant:

Upload Restaurant Snapshot:

Future of the Project

- The app will be integrated with the restaurants in Nepal after the collection of enough data.
- The users will be shown restaurants in accordance with the location through the integration of Google Maps.
- Improve the restaurant recommendation algorithm by storing the greater number of users searches and refining the algorithm itself

Contact

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