# Neighborhood Restaurant finding tool

ANIL KUMAR

@ANILKUMAR21K ON GITHUB

# Description

A restaurant finding tool that allows users to find restaurants based on city or zip code.  The application provides users with a list of restaurants with restaurant address and their location on Google maps. The restaurant list contains links to restaurant menu. The application also provides options for users to make reservations for dining or placing orders for delivery or pickup.

# Features

- Provides list of restaurants located in a city or zip code along with their location on google maps.

- Provides options for users to search restaurants based on cuisine type.

- Provides links to restaurant menu.

- Users have options to make reservations for dining or placing orders for delivery/pickup.

- Has capability for user registration with proper authentication.

# Planning – User Stories

- Welcome page with search capability.
- Search restaurants based on city/zip code/cuisine.
- Users can view restaurant menu .
- Users registration capability.
- Users can make reservations for dining without user registration.
- Users need to have account for placing order for pickup/delivery.
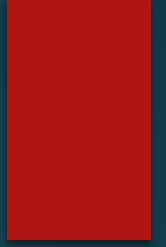
# Planning – DB and Models

## Model classes/tables

- Restaurant
- Cuisine
- User
- Reservations

# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- Bootstrap
- HTML
- SQL database

# Demo

# What I learned

▶ Google maps API usage and integration.

▶ User session tracking via cookies.

▶ Implementation of search capabilities.

# What's next

- ▶ Online order for delivery/pickup.
- ▶ Payment processing capability.
- ▶ Move from using local database to results from a search engine.
- ▶ Ability of users to post reviews with photographs.