



Halal Bites Find Halal Food

Find the nearest halal food in the area.

A Case Study



HALAL
bites

Overview

- Halal Bites help you find the nearest halal food in the area.
- Halal Bites is a navigation app that will help you search for nearby restaurants, and food stands with halal food. It comes with a clean and neat design, and the interface is so user-friendly that you will get the whole idea as soon starting to search for Muslim-friendly halal restaurants. You can find nearby restaurants on the map, review the restaurants and leave a rating, and share your feedback with pictures to the community.
- You can find restaurant based on trending, recent activity or whom you been following. Application allows you to add new halal restaurant, app your posts and reviews

Aim Of The App

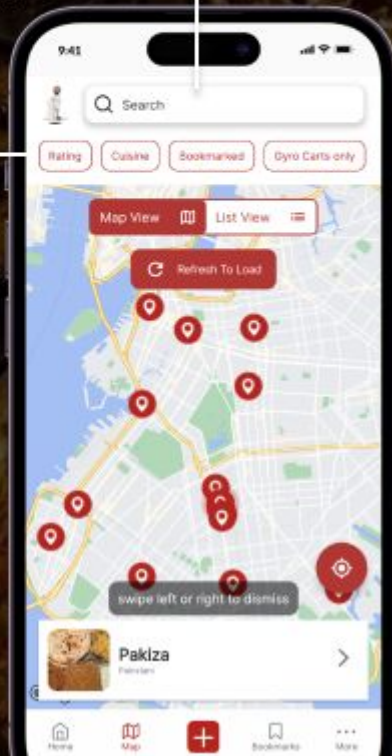
“A Platform to Locate nearby Halal Restaurants”

People who are looking for restaurants and places that offer halal food, App will help you find the nearest halal food in the area. Halal Bites is a trusted halal food finder for iOS & Android platforms that is designed for Muslims and other people who want to eat halal food in nearby restaurants and food stands. Using this free food finder app, you can find halal food that is close to your current location or any other pinned location all around the world.



Search by restaurant

Filter by restaurant



Halal Bites

Key Points

Key Roles

Key Functionalities

Application User

- Being registered user of app, user can find halal restaurants on map nearest area of yours. User can filter it out restaurant based on rating, cuisine, type of restaurant like restaurant or gyro cart
- Same to map view, data can be viewed in list view where restaurant are filter it out by nearest to first with its rating
- User can view any particular restaurant with details like rating, opening closing time, contact number, restaurant gallery , reviews, location on map with navigation & community response towards restaurant
- User can also share the restaurant, bookmark the restaurant or report in case find inappropriate for the community
- User can add new halal restaurant and can leave review for the same
- User can add post on any restaurant

Application User

- User can like and comment for any review or post
- Also can share any post or reviews to the other people outside the platform also
- With the community, user can search by user and search by restaurant to find further details regarding recent happening with restaurant community
- Community provides Trending tab where user can find trending restaurants based on rating, like and distance
- With following tab user can filter out their followed one's update with restaurant
- With Recent tab user can filter out recent activities placed with restaurants nearby
- User can book mark the restaurant and can see the restaurant with bookmark menu
- Apart from this user can edit the profile, change the password,, share the app and rate the app

Admin User

- Admin has full control on the system. Admin can view the registered users. Can delete as well.
- Admin manages the overall content of the apps from the panel using translation master. Also manage the content of website pages.
- Admin can see all restaurant add by user and can accept or reject them
- Admin has the option to approve or reject review
- Admin can see all reported comments & restaurants can take action on it
- Also admin can manage all posts and reviews of restaurants
- Admin can view analytics based on users and restaurants
- Admin can manages the CMS pages like T&C and Privacy Policy from the panel.
- Admin have email template list, where admin can edit the content of email which share for different functionality.

Technology and Tools

Building Mobile App

Android & IOS: Cross Platform - Flutter

API's: Mobile API in Node

Third Party API : Google Place API for address selection, Firebase for Notification Handle, Crash analytics, Social sign up

Database : Mysql Version : 8.0

Challenges & Solutions



Challenges & Solutions



Manage Community tab with trending logic

- **Challenge** : For trending, this should be based on highest rating & likes with nearest place in the past 7 days within their current location of 5 miles. If none are found within 5 miles, keep expanding on a multiple of two.
- **Solution** : By controlling radius, we can control the aforementioned logic's expansion to a certain point and then restrict it to continue indefinitely.

Manage list view with restaurant details

- **Challenge** : For list view we need to manage data with radius same as map view geographical area with the same filters to nearest first
- **Solution** : we manage above logic with code and proper db structure that this can be achievable as per the requirement



Visit Halal Bites



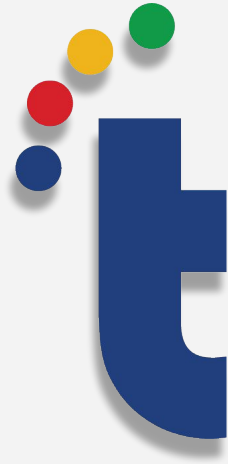
Visit Halal Bites

Website

APP



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Thank You

Case study prepared by: Technource Pvt. Ltd.