



**TITLE: RESTONAV (Restaurant locating webapp)**

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## **ABSTRACT:**

This web application eases the users to find restaurants in different cities within the country. Restaurant owners can add in their restaurants in the website and hence promote their restaurants. The surplus food in the restaurants can be transported to the poverty areas if and when notified by the restaurant owners to us.

## **INTRODUCTION:**

RestoNav is a user-friendly web application designed to simplify the process of finding restaurants in various cities across the country. With a few clicks, users can explore a wide range of dining options.

Not only does RestoNav benefit users, but it also offers an enticing opportunity for restaurant owners. By adding their restaurants to the website, owners can effectively promote their establishments to a broader audience, attracting more customers and boosting their business.

As restaurant owners join the platform, they have the option to notify us when there is surplus food available. In response, we collaborate to transport this surplus food to poverty-stricken areas, ensuring it reaches those in need.

Our web application is not just about finding great dining experiences; it is about fostering social change and making a positive difference.

## **OBJECTIVES**

1. Simplify restaurant discovery for users.
2. Effectively promote restaurants for owners.
3. Address food waste and hunger by transporting surplus food to poverty areas.
4. Encourage sustainable practices in the food industry.
5. Collaborate with charities and NGOs for surplus food donations.
6. Support local businesses and their unique offerings.
7. Continuously improve and innovate the platform based on user feedback.

## **EXISTING SYSTEM AND LIMITATIONS:**

- Although restaurant finder websites aim to provide detailed information about restaurants, there may still be gaps or missing data. Restaurant finder websites can be subject to bias and manipulation. Some platforms allow businesses to pay for enhanced visibility or higher rankings in search results, which can skew the perceived popularity or quality of certain establishments.
- Limited Integration of Social Impact Initiatives: Existing food finding websites often focus solely on restaurant discovery and user reviews, lacking features that address broader social impact initiatives such as food waste reduction or initiatives for supporting communities in need.

### **FUNCTIONALITIES:**

- Restaurant Finder: The application allows users to easily search and find restaurants in different cities within the country.
- Restaurant Listing: Restaurant owners have the opportunity to add their establishments to the website, effectively promoting their restaurants to a wider audience.
- Surplus Food Redistribution: The application offers a platform for restaurant owners to notify and coordinate the transportation of surplus food to poverty-stricken areas. This feature helps reduce food waste and allows for the redistribution of excess food to those in need, promoting social responsibility and addressing food insecurity issues.
- Social Impact: By facilitating the redistribution of surplus food to poverty areas, the web application contributes to tackling hunger and supporting communities in need. This initiative promotes sustainability, reduces food waste, and fosters positive social change.
- User Engagement: The application encourages user engagement by providing a platform for users to explore and share their dining experiences through reviews, ratings, and recommendations.

### **TOOLS PROPOSED:**

Font-end: HTML, Python, Javascript, CSS.

Back-end: Mysql, php.

Other: gps.