FOODAHOLIC

(App for Find – Discovery – Share information of restaurant)

1. **General introduction:**

Nowadays, when technology is more and more developing, the demand of human is also increasing. In the past, if people wanted to go out for eating or drinking coffee with friends, they usually went around and entered into a restaurant seem to be good, or they just went to the familiar ones. But now, before going out, most of people pick up their smart phones and search for a suitable restaurant in the internet. However, instead of searching for the various websites of each restaurant to find the service you want, now users can use only one app that can help us find out all the needed information. The created app is responsible for updating, synthesizing, and containing as much information as possible.

1. **Main Functions:**

This application is used for find, discovery and share information about restaurant, café or any interesting places. So, it has 7 main function to execute the following request (find, discovery and share):

1. Classify restaurants by location: The function allows users to filter places to search by city area, district, near area, etc ... Google Maps integration site allows users to easily find the exact location on the map follow the provided address, display the directions when click on the information.

2. Category classification: In addition to searching by location, search by category classification is also used. The list of eateries, beverages is clearly spelled out in the form of business as kinds of snack bars, cafes, snack bars ... for customers to have more convenient experience when looking.

3. Classify by lists of food and drink types: beside searching by location, searching by lists of food and drinks types is also used. The list of food and drink shop is clearly classified according to the type such as sea food, hot pot, Korean food, café, milk tea, etc ... for customers to have more convenient experience and easier to find the restaurant they want.

4. Review and comment: The review function allows users to submit 1 star to 5 stars rating for any service of any restaurant on the application, the users can comment and add the photos by the personal signed account. Basing on these ratings, the users can get the better service by arranging the list of restaurants that appears in low order of value.

5. Reservation tools: If you want to make a perfect plan for your date or your favorite restaurant is always crowded, with just one click, users can book table by hour or make reservation immediately. You can do it by using a personal signed account and someone will call you to confirm after the booking to avoid unexpected cancellations affecting the restaurant's revenue, or you can set the payment about 20 % to 50 % , this depend on the restaurant you choose.

6. Discount Code: this function can help restaurant grateful to their customer, or customer can find the promotion programs from restaurants. It showing some special discounts for the customers using the app, the first customer or regular customers, etc ...

7. Home delivery: if the weather is not favorable, or you want to organize a party in your home, or you are officer and you do not have enough time to go out for eat you can use Home delivery .Depending on the distance, weather, kind of food the restaurant will support free or charged delivery for the customers. The information of the restaurants is updated by the admins of the app or restaurant’s signed accounts.

Especially, this app not only allows the big restaurant to do the PR but also helps customers provide the suggestions for other customers about a good restaurant, in spite of small shops, local shops which open in particular time frame, regardless of caste and level. This is a completely new function compared to the similar applications created before.

1. Research question:

So, the question is : “ If you are in the position of a customer signing an account to look for restaurant information, how can you give suggestions to another customers ? , and how can another customers see your suggestions ? ”

Cuisine is always a special aspect of culture in every country, especially for local cuisine, street food. However, not all shop owners know how to use the internet and know some food websites to do the PR for themselves. So if you discover a delicious food shop which has never appeared on the food websites, of course you would like to introduce to everyone, and you also want another customer to recommend restaurants that they feel it is interesting.

1. **Research design and methodology:**

In order to not miss out the local restaurants that are not very popular, but so special, or restaurants which do not have the specific location, the solution is, with each individual signed account, it includes the functions of the restaurant and the customer. For each account you can just search, review, order as a normal customer, and you can do the PR to your restaurant or suggest restaurant locations which are not available on the app for other customers. However, this also has a limited point. For example, for some purposes, someone will post inaccurate information, jamming, disturbing information, affecting other functions. Therefore, the admin will record the site the users propose, with a certain number of proposes, there will be censorship and verification information. If the result is exactly the same as the information provided by the user, the venue will be added to the system.

So, where are customer’s suggestion sent? Customers can propose through the chat box with the admins if they are directly on the website, or suggest by mailbox or function tab if using the app on the mobile. Interface of chat box can be as follows: at the bottom right corner of the screen, there is a chat box that you can get help from admin if there are any problems, through which, you can give your suggestions about the new locations.

So, what happen when you send your suggestion? Below is a diagram of how it works:

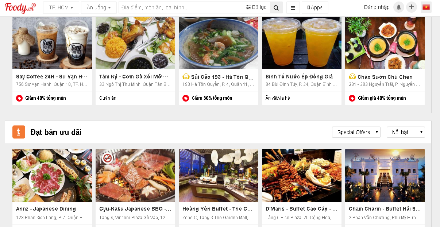
When you want to suggest a restaurant, first you need to sign in to your personal account on the app, write a mail containing the information you know about the restaurant ( example: restaurant’s name, address, open time, close time, menu, price, phone number, or some photo are taken by yourself) and send it. Your mail will go through the internet and then to the admin. Upon receiving the request, the admin will go to the restaurant you mentioned to check the information. If the information is correct, the admin will send you a mail to thank you for your contribution and can donate a coupon or voucher for you. Later, that restaurant will be added to the system of the app, and other customers can see it when they come to the app

If after checking your information is determined to be false, the admin will also send you a reminder (if first) or a warning (if many times) because you have committed the act of vandalism, dishonest behavior. In addition, admin can limit some functions for your account (example: booking a table, delivery at home, ...). In case you have repeatedly violated your account, your account may be permanently blocked.

Customer’s computer

Admin’s computer

Internet



This app is built with responsive function – It is possible to say that the website is compatible with mobile as a current requirement of each website. We chose Responsive technology instead of Parallel Mobile Site or Dynamic Serving because of the consistent interface for all mobile devices and tablets. Provides a smooth and efficient user experience on any platform, any operating system. Beside this, FOODAHOLIC also Multilingual support: multilingual system, customers can freely use many languages, this helps to support foreigners when coming to Vietnam; Social networking: unlimited Social Networking, add, edit, delete social networking sites like Facebook, Twitter, Youtube, Instagram. Allow upload of your avatar image; Database Management System (CMS): content management system allows to add, edit and delete content easily, user-friendly interface; Management functions: manage the entire contents of the website with intuitive interface, convenient and easy to use. The administration system allows administrators the option of adding, deleting or editing related folders, articles and images; Application has links with banks to support online payment, more convenient when dealing.

1. **Research plan and timeline:**

The creation of such an application is based on the actual needs and desires of the user as well as with the restaurant business. With data from the internet and data provided by the user. I hope this application will be completed within 5 months including the design data collection time(and collect data from users during the operation) and the development of functionalities and links with relevant agencies.

1. **Project abstract:**

Brief description of the project, the desire to achieve: building applications that integrate many functions, search, discovery, sharing information of the restaurant. Helping users meet their needs, helping other customers discover new places, exchanges between people with similar interests, helping restaurants increase sales.