

CSC309 Project: FastLine

Description:

FastLine is an online platform for people especially students on UofT campus to order food from food truck services. It also gives the opportunity for food truck services to post and sell their products. With this app, students can order the food without actually going to a food truck seller and they are given an estimated wait time after they make an order. This allows students to save more time since they don't need to wait for food outside when the line is huge. And they can stay warm when it's cold outside. Sellers also obtain benefits from having better order and money management as well as executing more marketing strategies.

How it works:

Customers have to first register for an account. After they create their own profile, they can start browsing multiple food truck services on the home page. Once they select a food truck, they can view the information (Location, phone, etc.) and menu of that food truck and start ordering by choosing quantity of the food product. Plus, they can leave a comment and rating to the truck, and also they are exposed to other customer's comments. Food seller also needs to register for an account. They can post and update their menu items. They are also allowed to reply to any customer's comment. They're also encouraged to post any discounted items or promotion on their profile page.

Challenges:

The updating information between customer and vender will be challenging. That is, when a customer orders the food from a vender, the vender will receive an immediate notice, and he should confirm or decline the order as soon as possible for customer's convenience. After the order is confirmed or declined, the customer will get a notice instantly. We need to make this functionality as efficient as possible.

User authentication:

Users are required to register for an account before starting to use service. They have to provide an account name and also a password.

User profiling:

Customer needs to provide their own information such as phone number, order history, birthday day and food preference to create their own profile.

Seller needs to provide information such as truck location, menu, etc. to create their own profile. The seller's profile page is the menu page of his/her food truck, and only the seller can edit his/her own food truck's menu page.

User Interaction

A user can act as a customer or a seller. As a customer, he/she can buy food and drinks from the seller, and browse/search any other seller's profile. A seller can receive orders from customers, and they can view and response the comments from customers.

Social network:

Customers and sellers form a social network within the website. They can socialize with each other using comment conversation. They can also share the food product or the website on other social network.

Rating and commenting:

Customers can leave a comment on the seller's profile regarding their product/service overall quality, their purchase experience, etc. The overall rating will be reflected on the seller's profile. Sellers are allowed to make a response to the comment.

Admin:

All users are allowed to modify their own information on the profile. For example, sellers can add/delete products on the menu, or they can change their address, etc..

Map(Geo-location):

Customers can view the exact location of the sellers via Google Map built-in. They can view how far they are from the current location to the food truck position.

Order List

Sellers are granted a page to manage the orders from users. When a new order comes in, the order page will update itself so that seller can view the new order. When an order has been served, the seller can delete the order.

History of transaction

Users are allowed to view their history of transaction. For example, a customer can look back into when and where they buy the food, as well as viewing the quantity and food items they bought. A seller also has such information, and this really helps them in doing financial management.

Payment

We provide both in-app payment and cash/card payment at the vendor.

Social media built in:

We allow any user to share the website to different social media.

Searching: (names, types of food,)

Users can search food/drinks items by names and types on the navigation bar.

Team Assignments:

Chris and Lei: Server design

Jin: JS design

Jason: Database design

CDF and names

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