

Project Report Summary: Home Food Delivery App

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Description

The Home Food Delivery is an application based on many of the food delivery systems we see in our world today such as UberEats, GrubHub, and Door Dash. With the Home Food Delivery App, we aim to allow people to deliver food prepared directly from the home kitchen. Imagine aspiring restaurant chefs who have the passion for the food industry but don't have the means to open their own restaurant. The Home Food Delivery App will allow those sorts of individuals to start their own restaurant from the comfort of their own home. They will be their own boss without the need to worry about the financial responsibility that goes into owning a restaurant. Alongside that, customers who use our app will have to advantage of being able to order fresh home cooked food at an affordable rate delivered right to their doorsteps. They can plan their meals up to 14 days in advance and be carefree about their diet and healthy eating. With this app we will be generating employment to individuals with a passion for cook, individuals that enjoy delivering packages, and customers who can't get enough of home cooked meals. Beyond that however, we will be serving the nation with healthy home cooked meals, bringing them right to their front door.

Design Section Discussion

There will be three primary users in the Home Food Delivery App. The first will be the Cooks. They will curate their own menu according to their comfort and will be able to name their own prices on their menu items. They will be taking orders in advance from 24 hours before up to 14 days. They can also take orders the present day if they wish to. Our second primary user will be the Drivers who will pickup the orders from the Cooks and deliver them to the end customers. Since the orders are placed in advance, they will have lot of options to choose from in advance to schedule their day's work. This gives them opportunity to optimize their earnings by completing multiple deliveries in a day. They can also mark their availability for the coming weeks with their preferred delivery locations which helps the Cooks decide if their orders would be delivered on time to their customers. Finally, we have our final primary user: the customers. These are the users who will be placing orders. They will have a wide variety of food items to choose from through the browse feature in our app. They will be able to browse through different categories, different cooks,

and view ratings for both cooks and food. We will be using live traffic data, live weather data, daily gas prices, recommendation systems, and geolocations of the users to improvise the user experiences and to also make the delivery profitable to the drivers.

Project Issues Discussion

There are a few issues with this project that limit its potential. The first is that there may not be a large enough market for home cooked food. There are other competing applications in the market that have a subscription model to deliver their weekly meals at the starting of the week. This way they do not miss on the delivery deadlines. In our case, the customer can schedule food to be delivered to them any time there is a driver available to deliver the food. This brings up the second issue that is the availability of the driver and their ability to meet the delivery deadlines. There needs to be enough drivers in the locality so that they could pick up the food from cooks and deliver them to the customers on time. Finally, there must be enough cooks signing up to the platform in order to provide potential customers with the food they desire. The lack of cooks would be detrimental on our product as they play a major role in our business model.

Risks & Waiting Room Discussion

A large risk of incorporating this project is that it might not have the market space to be competitive with companies like UberEats, GrubHub, or Door Dash. It is difficult to compete with companies such as them despite the unique idea we have in mind. This will also be a costly system to design and implement, and we run into the risk of not making a big impact in the market. And as we mentioned earlier, without the having impact we'd like to have, we could draw little interest to actual users who perhaps are passionate in cooking and delivering. Without cooks or drivers there then becomes no actual flow in our application.

We hope with future releases that we are able to implement new features such as a reminder system for drivers in case they forget to mark orders as delivered, there needs to be a deadline system which can be used by customers, cooks, and drivers in order to set times for when food needs to be completed/delivered. And finally we need to incorporate a live chat feature which will allow all users to seamlessly communicate with one another in order to better the ordering experience.