

## Foodies Note Executive Summary

Foodies Note is a location based (LBS) note taking app. The basic goal of this app is to help foodies find their favorite restaurant around him and also we provide users a personal space to record his experience and mood. Basically there are a lot of apps out there and you can write review to public. But as a semi-professional foodie, users may need some personal space to record their personal life. One day when we look back, it can remind us of our “travel” path, a sense of achievement will warm our heart. Our app wants to fit this niche market, and make it distinguish from Yelp or Four Square.

We prefer our app run in iPhone6 rather than iPhone 4s, since 4s screen is relatively small, and some button don't work really smoothly.

Third Party Code: In this app, we are using Yelp open source code <https://github.com/Yelp/yelp-api/tree/master/v2> to communicate with Yelp, since Yelp's API requires token permission which is not as public as other API, and with instructor's grant. We put them in Yelp API folder in our project.

This app doesn't have backend server since as an iOS client development course project, we were focusing on implementing the client. This app firstly fetches users information by using facebook SDK, we will use it to get your unique personal identification and give you choice to share your idea and mood in your facebook. We get your current location by using CLLocationManager and show places around you in the MapKit, this will help you visualize places near you and also give you directions. This app passes your location which is in latitude and longitude format to Yelp API and get all restaurants information near you. We also provide a scroll view selection for users to let them select their personal favorite food & drink categories. We will pass the category they chosen to Yelp API to filter out unrelated restaurants. When you write notes, this app displays photos which is either chosen from the photos gallery or taken by yourself at the moment by using collection view. This app stores restaurant information of the note, your words and your photo paths in plist, then you can get them out in each detail page of the corresponding note. We uses same technique on check in functionality, which still stores your checked in restaurant information in plist, and show them in tableview and pass the object to detail page.

Sum up, we apply what we learnt in the entire course so far in this course project.