Capstone Project Proposal

Project Number: S19-44

Project Title: Eaoow - an Android application tells people what to eat

Project term: Spring 2019

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Eaoow is an android application tells people what to eat. Eaoow means eat now. It aims to solve the problem that people do not know what to eat. Currently there are lots of apps doing food services such as Yelp, Google Maps and Uber Eats. User can easily access to many restaurants information and thousands of reviews within a minute but they may have problems determining which one to choose. Eaoow is here for solving this problem. Rather than let user choose one restaurant, Eaoow simply gives user a restaurant name based on their food preferences and current location, and the only thing user need to think about is whether they say yes or no to that given answer. If user says yes to the answer, their action will be recorded for future decision making and if user says no, their action will also be recorded to help the application to give better answers next time. For people who are not familiar with the local, Eaoow is a good way to explore the nearby restaurants. It helps them save time and make the whole process easy. For people who are familiar with the local, Eaoow helps them make decisions and from the given answer, user will be more likely to know what they exactly want.

User-friendly User Interface and privacy are two aspects that will be taken into concern when developing the application. Users' action to recommendation (yes or no) will be stored by device and their food preferences will never be shared. Applications use Google Maps Places API get nearby restaurants information and current device location. With the help from advisors, restaurants' menu can be fetched and combine user's personal preferences, application is able to give the best possible restaurant recommendation. User's action will be stored in Android native SQLite database.