

FoodAtPenn Android App Development

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Description:

This app includes the yelp API to provide data about restaurants' information, such as location, price, rating, opening hours and so on. In the main page, a search and filters will be provided, and the top 20 most popular restaurants around Penn campus will be also be listed below (according to the ratings). When users open our app, they can decide different filters to customize their search or just click on one of the most popular restaurants below. For example, they can search for restaurants with ratings over 4, prices ranging from \$10 to \$20, opening at 10am and so on. The search results will be displayed as a list view in the page. If the user is interested in a restaurant shown in the list, she/he can click on it for detailed information. Each restaurant has its own profile page, in which information like exact location, pictures, reviews, whether it supports take-out will be displayed. And a link to share the restaurant on facebook will also be provided for users to share it with friends.

Responsibilities:

Jiaying Guo: Main page design, including selecting the most popular restaurants at Penn and customized search.

Yilin Sun: Restaurant page design, including displaying the information of the restaurants.

Xueyuan Yu: Activity control and data filtering (like homework 4), app's restaurants-sharing feature.

All of us: connect the API with the app, test and improve the app.