

KU- rester

KU គីនខ្មែរ By BounkBU





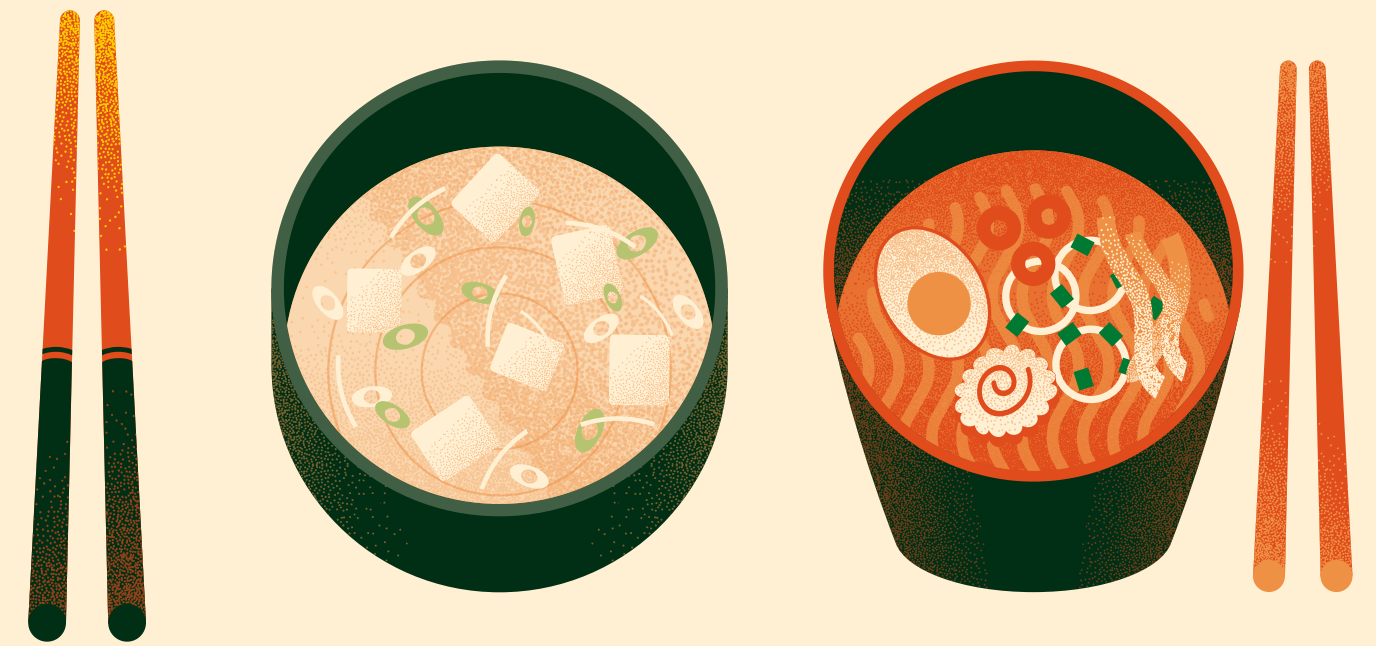
Overview

Motivation

On everyday, there will be someone come up with the question "วันนี้กินอะไรดี". so we want to collect the data and analyze the appropriate menu for user.



Pain points

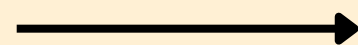


We usually waste about 5 to 10 minutes or even more, to discuss or to choose the restaurant we want to eat.

Overall Architecture



Form



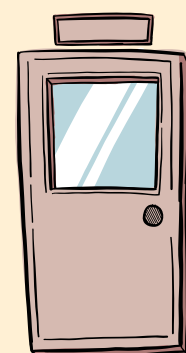
Database



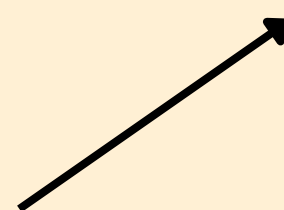
Analyzed data



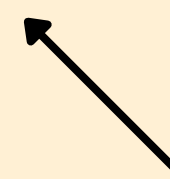
Geolocation



Faculty

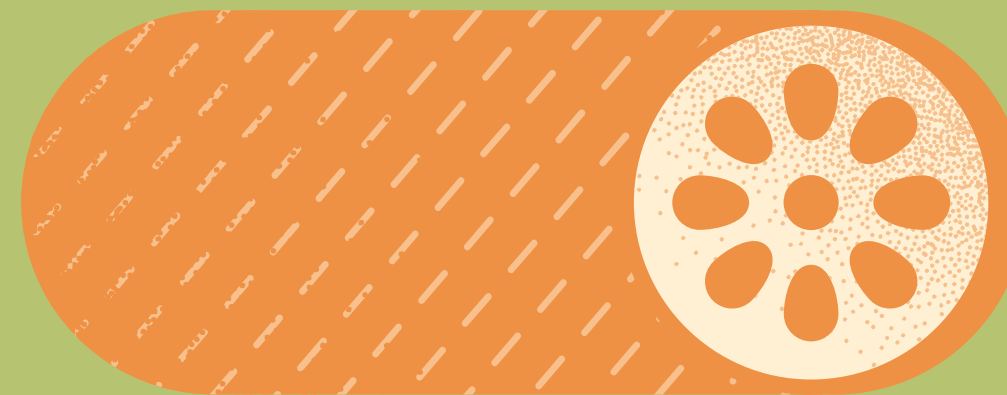
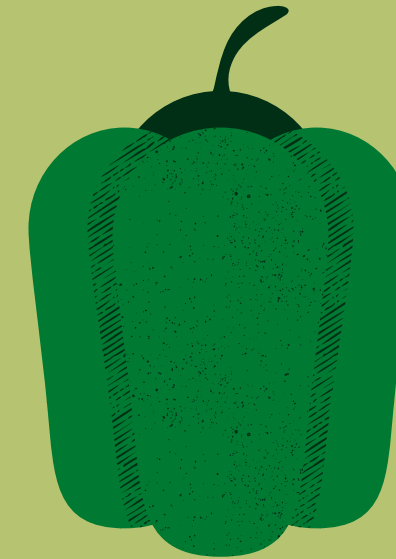
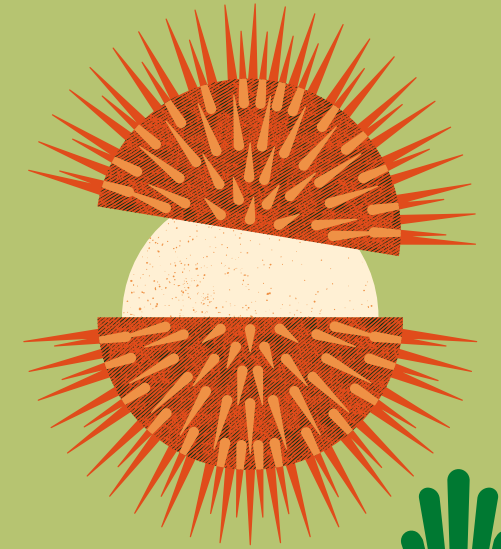
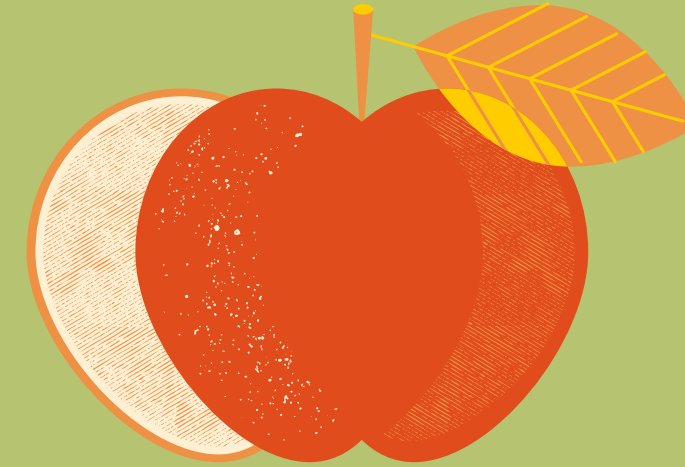
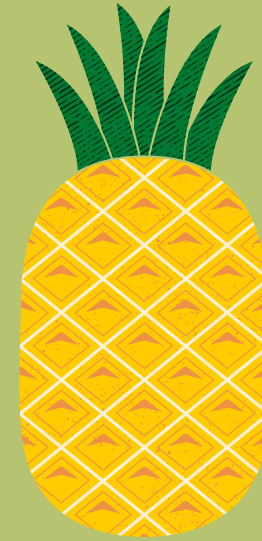


Menu



Restaurant

Data sources & collection mechanisms





Primary data source

Form



Secondary data source



Restaurant Data

Faculty Data

Menus

Database Schema



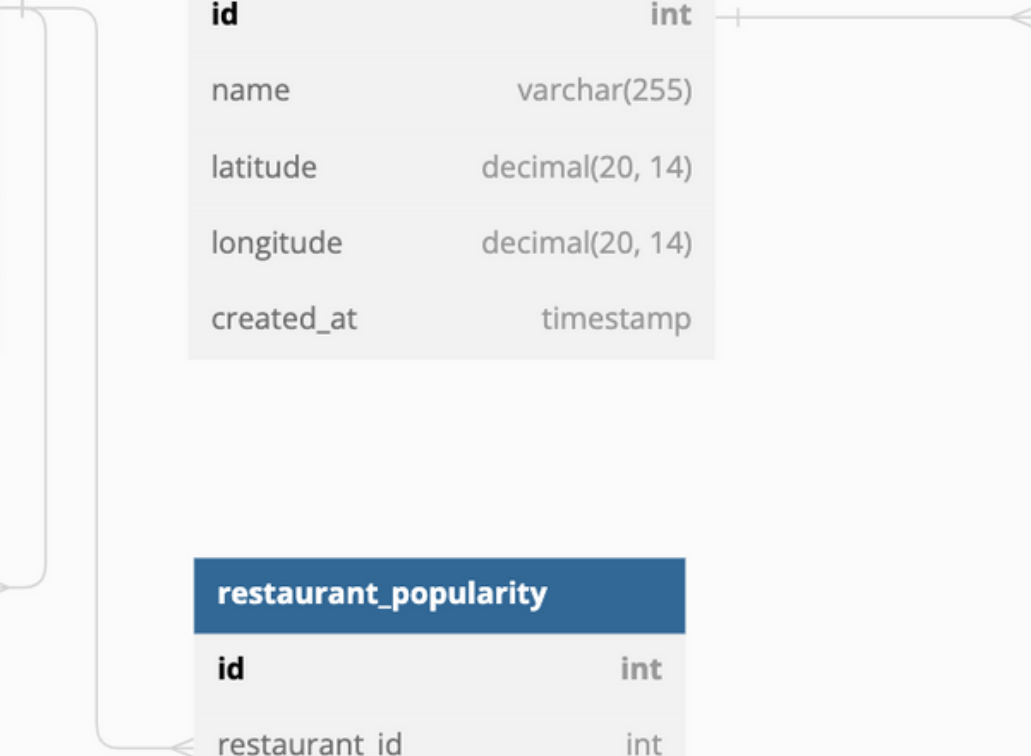
restaurant	
id	int
name	varchar(255)
latitude	decimal(20, 14)
longitude	decimal(20, 14)
created_at	timestamp

menu	
id	int
restaurant_id	int
name	varchar(255)
type	varchar(255)
price	float
is_spicy	bool
created_at	timestamp

faculty	
id	int
name	varchar(255)
latitude	decimal(20, 14)
longitude	decimal(20, 14)
created_at	timestamp

restaurant_popularity	
id	int
restaurant_id	int
popularity	int

form	
id	int
faculty_id	int
type	varchar(255)
price	float
is_spicy	bool
created_at	timestamp



Data Sharing API



Data visualization



Popularity from the average menu price of the restaurant




Popularity of the price from each menu type



DEMONSTRATION



1:17



Your Area:

Faculty of Science

Food Type:

Rice

Spicyness:

Spicy

Not Spicy

Max Price: 200฿

SUBMIT

Home

Visualization

1:17



Recommended Menu



Menu: Seafood with Basil Rice
Price: 165฿
From: เชียง

Nearest Restaurants

XYZT cafe & co-working space	Starbucks (Faculty of Science KU)	บารวีส
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42.80m

84.56m

181.3

**** Please considered choose your favourite restuarant and submit**