App Idea

It is normal to feel homesick when you are living away from your home and family.
While you are away, you miss everything about your home, especially your Mom's delicious food.

➢ Among 5 challenges for international students, Food sickness is one of the most vital one

➢ Research shows that food insecurity triggers students related feelings of
  ○ Depression
  ○ Homesickness
  ○ Identity loss
  ○ Hunger
  ○ Difficulties with weight loss or weight gain
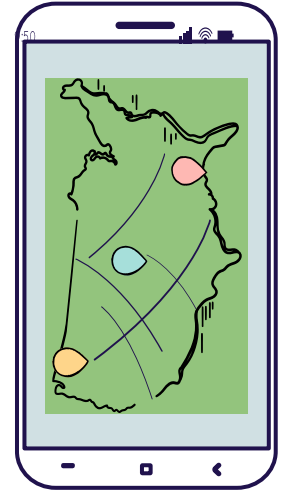
Why Need?

- Hard to find regional Grocery stores, Restaurants in a foreign city

- Without having very good knowledge of GoogleMap Keyword and Types:

    - Query results are not much efficient

    - Hard to find expectations

    - Bunch of irrelevants results

- GoogleMap drains energy a lot without having custom settings and good knowledge
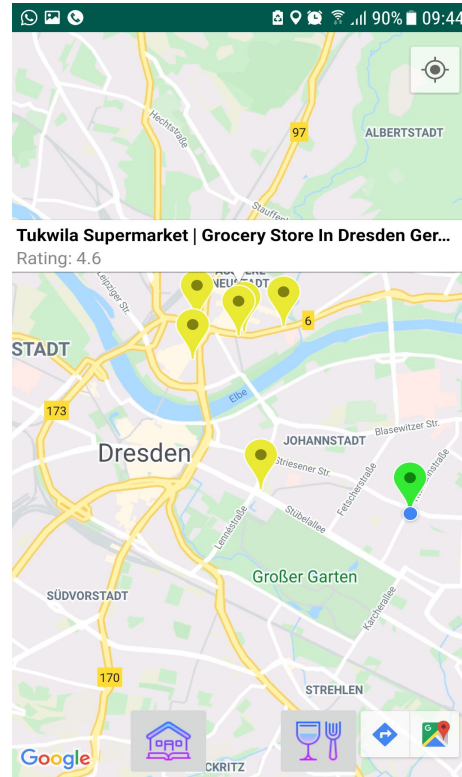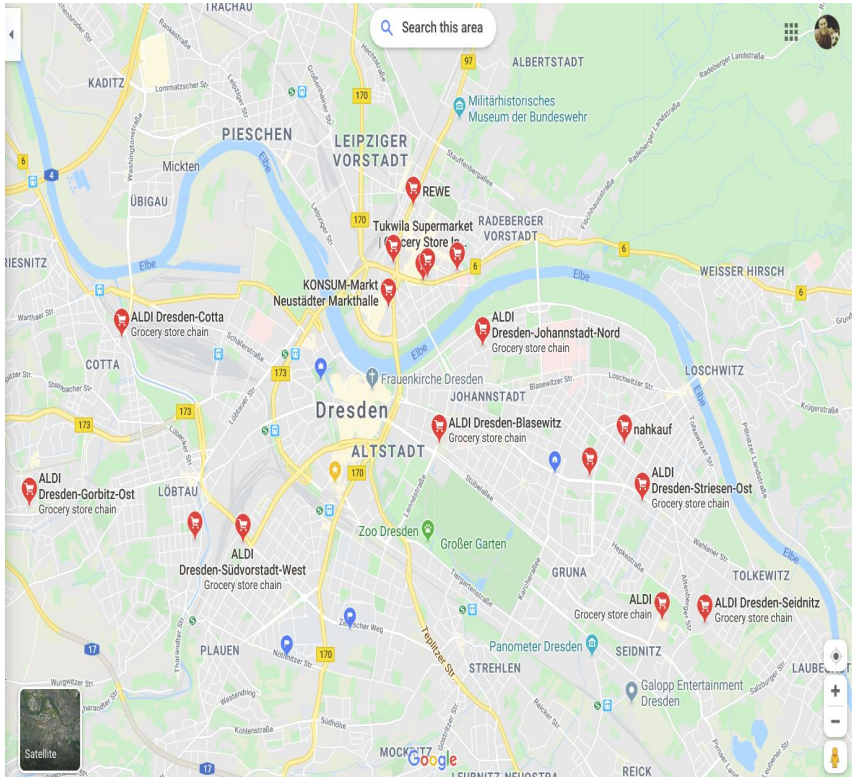
Approach

- Combining the **Keyword** and **Type** arguments in the url to get efficient results and fetch results with:

  - GSM / GPS based location tracking

  - Place Name, Address

  - Current location / distance

  - Rating

  - Navigation

- Users can also search for available all nearby Grocery store / Restaurant by using current location latitude and longitude

➔   `https://maps.googleapis.com/maps/api/../json?location=latitude,longitude&radius=1500` **`&type=restaurant&keyword=bangladeshi`**`&key=MY_API_KEY`

Benefits

- More filtered results

- More efficient power Management

- User friendliness

Adaptations Concept

Contexts	Adaptations
Network	• If Internet connection is exist, download the results upon desired action • If not, don't wake GPS/GSM services and ask for the connection to user
Locations	• Get current locations latitude and longitude • Matched results on map in a given radius from current location • Directs to the google map to get all transportation routes and distance to the address
Energy	• Location updates via Network provider -> update interval 2-5 minutes • Location updates via GPS -> update interval 2-5 minutes

Team

- Profound knowledge achieved during working on GoogleMap

  - proper use of map arguments

- Better understand the concept of:

  - Android Network connection

  - Location manager

  - Battery manager

  - GPS/GSM services

  - Different form factors design by real implementation

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FeelHome
Application Development for Mobile and Ubiquitous Computing / Group 3

Slide 6

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Seeking

€15.000 to make this app happen
"I would be happy to get support to develop a business model for my app from Dresden exists"

Contact

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