

APPLICATION DEVELOPMENT FOR MOBILE AND UBIQUITOUS COMPUTING

FeelHome

Group #3

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Application Scenario:

International students enrollments
increase every year ...



- Many challenges
- Some known some unknown

Homesickness



Food-sickness



Grocery-sickness



Food can cure homesickness



You just have to find it !

Let's make you **Feel Home!**

Use Cases



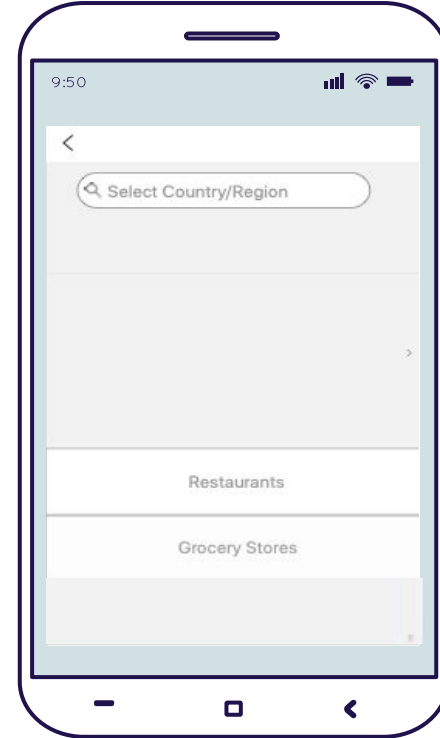
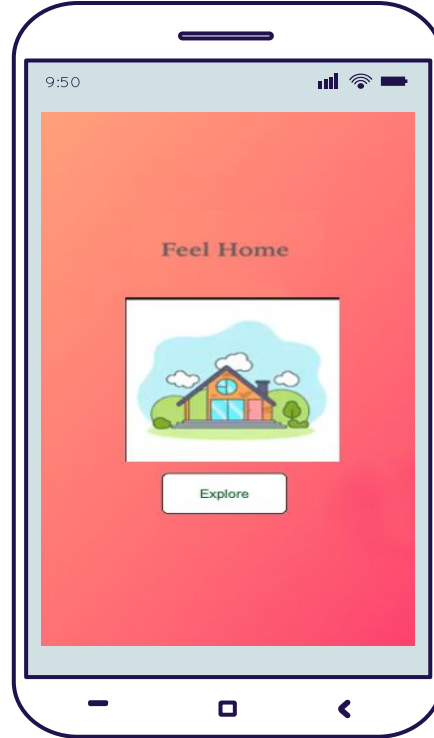
Search for country specific grocery stores.

country specific restaurants.

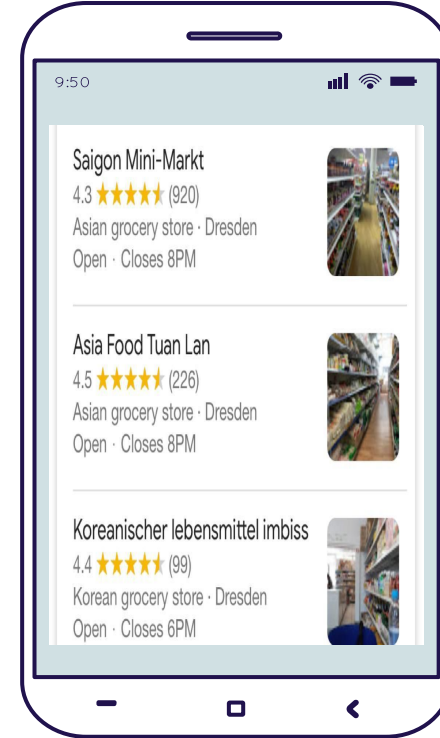
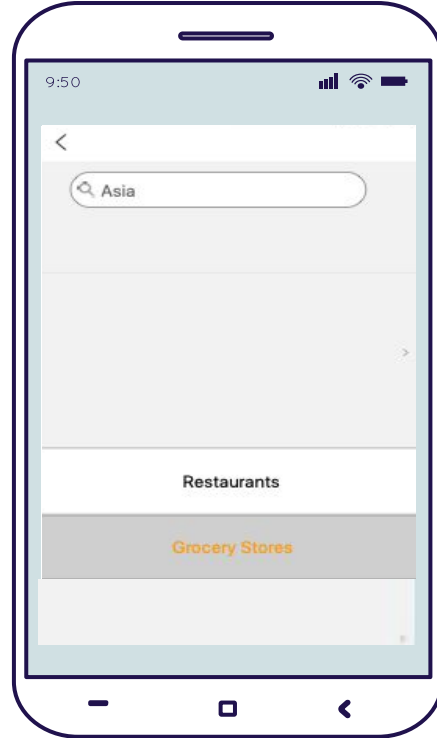
Find communities for better integration

Automatic notification based on subscription

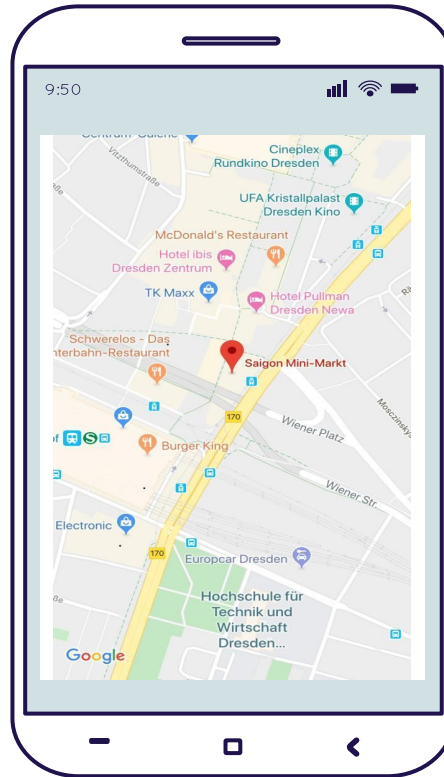
Mockups



Mockups



Mockups



Challenges

Energy Challenge

- Toggling GPS location dependent

Connectivity/Offline Challenge

- Downloading (city) maps
- Local caching/prefetching of nearby shops information

Usability Challenge

- Personalisation according to user preferences
- Familiarity with Google Maps and Material Design Guidelines

Architecture



Technologies

OS: Android OS



IDE: Android Studio



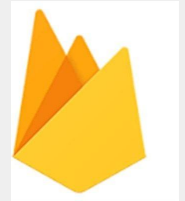
Language: Java



Maps API: Google Maps



DB: Google Firebase



Work Plan

