

1. Introduce the app. Why do you choose that topic? Any motivation or inspiration? Explain about what the app about? How do we use it?

I am a dreamy person who like to immerse myself in beautiful places in Sai Gon. The app is used to store the list of popular bars around the city. It contains the name, address, the time (opens / closes), the description and the bar's coordinator on the map to that bar as well. Last year, it had been tough since the lockdown was established due to Covid-19. Everyone stayed at home to not spread out the disease. Therefore, I want to make this app as a list of well-known places to chill out so people can drop by during their free time in the evening. To use the app, the user must understand the views of the app.

The app icon is as follows:



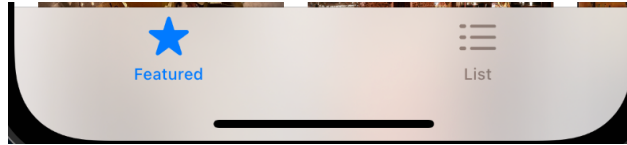
The app has five views:

- Splash View (Extra feature)
- Home View (Extra feature)
- List View
- Information View
- Map View (Extra feature)

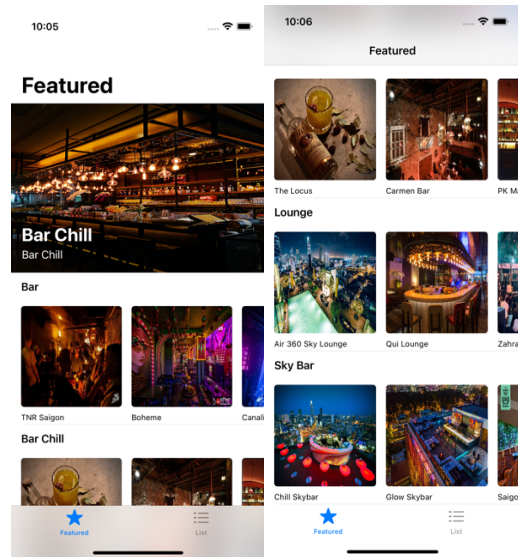
First, when the user enters the app, there is a splash screen appearing around 1-2 seconds and navigate to the Home Page.



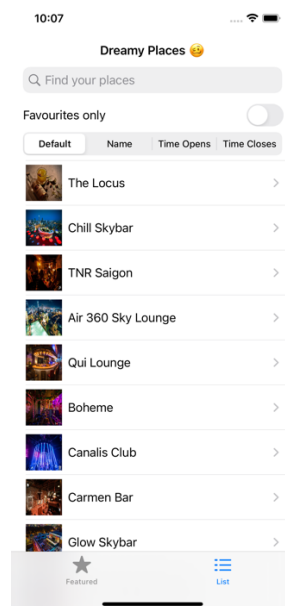
In the Home Page, there is a tab component to switch between the Home Page and the List Page.



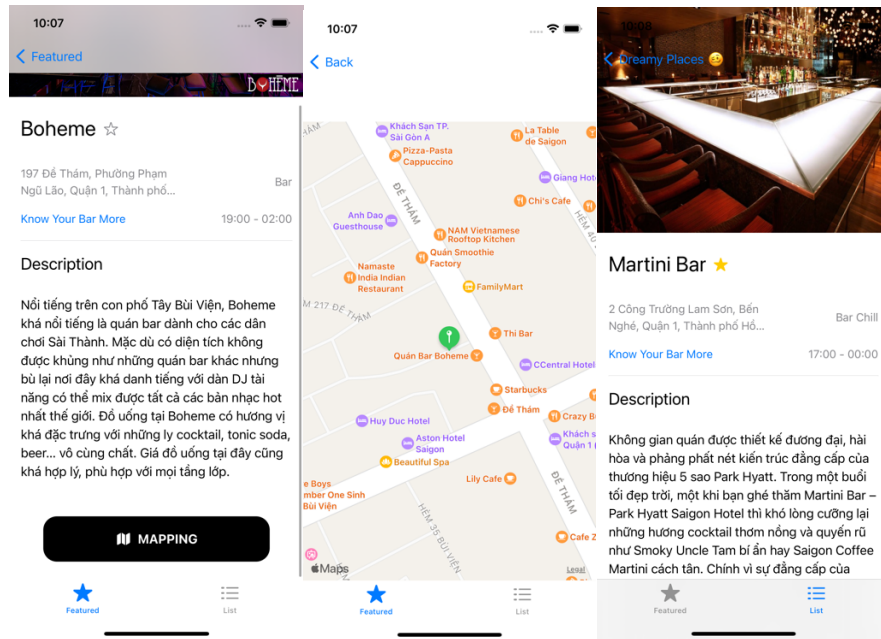
The Home Page shows the different type of places and group them together. You can tap into different bar to see the information of that bar like address, name, time and website.



The List Page contains all the loaded places.



The Information Page contains all the information of the place. In this page, there is also a button to check for the location of the place on the map.



2. What are the main features and extra creative features you have done? For each features, explain briefly how you do it?

- The main features of the app are:
  - List Page:
    - The name of items
    - The image of items
  - Information Page:
    - Required Information of that item, could be:
      - The name
      - The address
      - The description
      - Website
      - Time
  - App icon is already conducted
  - Load data using json file.
  - The app must be built with SwiftUI framework.
- The extra features:
  - Search: Use `searchable` to make search box in the List Page. Besides, use a state variable to observe the change in the search box to show the searched places.
  - Favorite: Make the place favorite by adding one more attribute to the object bar.
  - Map: Implement map based on the lecture with the MapMarker for better visualization.

- Sort: Sort based on name, time opens, time closes.
- Home Page: contains lots of group of bars and to make its visualization better.

### 3. Links to the simulator

<https://drive.google.com/drive/folders/1mZ2gbDIESeJljuum68eL7BShNCmye4oO?usp=sharing>

### 4. Any potential idea for future features you want to build for this app later on.

In the future features, I want to build this app like Foody but it is specialized for only that kind of places. It will contain menu and the number of people in the bar. Most importantly, it will allow the booking between the user and the places to be made.