

iPhone App Coding Challenge

Coding Brief

An iPhone app that uses the zomato API to display restaurants in Abbotsford

Deliverable

- A link to a github project containing your work
- A project/workspace that will build and run in > Xcode 9.3
- Must use git. Don' t be afraid to push WIP commits.

Part 1 - Restaurant List

Use the zomato api

(<https://developers.zomato.com/api>) to display a list of the 10 best rated restaurants in Abbotsford, Victoria.

Provide the name of the restaurant and the address as shown from the API.

Design Notes

The restaurant cell consists of:

- the restaurant's Feature Image as a background image
- a gradient layer
- The restaurant name and address.

It doesn't need to look exactly like in the image but as close as you can get.

Title/Restaurant Name

System font bold, Size 16, white, left aligned

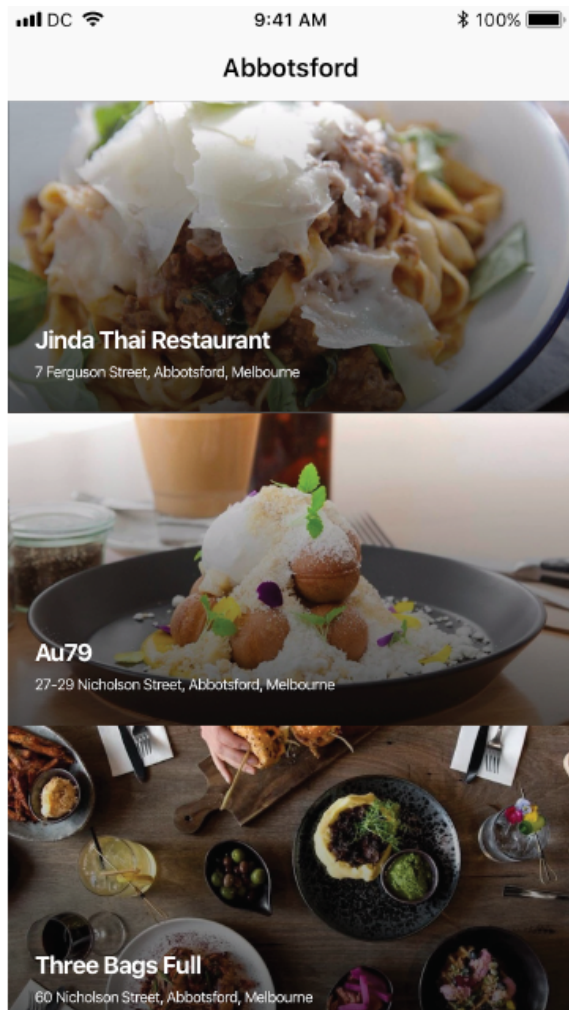
Vertical Gradient

Alpha: 0% top - 70% bottom

Colour: #000

Address

System font regular, Size 10, white, left aligned



[Download PNG](#)

Part 2 - Persistence

Use image caching to ensure the images only download once.

Use your choice of database framework to show the latest data fetched from the API if the app does not have access to the internet.

Part 3 (Optional) Implement a favourites system

Using tab navigation, add a favourites tab that displays favourite restaurants. Use the same design as the first tab, but add a favourite/unfavourite button to the restaurant cells on both screens.

Tapping favourite/unfavourite should toggle the button. Upon tapping, the favourites screen should be updated to add/remove restaurants so that it only displays favourite restaurants.

Favourite Restaurants should also be persisted.