

App Dev COMP228 - Assignment 2

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The app is built for **iPhone 8**. A landscape view with the table view on the right and map view on the left has been successfully implemented.

Once app is launched, the user is presented with a map view on the top and table view below.

The map view contains clickable annotation pins for each shop that lead to the respective detail view page. The user can also pan the map to move around and explore.

At the top of the map view is a search bar. This allows the user to filter the results of the coffee shops in the table view.

The table view cells show the relevant basic information such as the name and distance of the coffee shop. The distance updates as the user moves. The order of the coffee shops is by distance and updates the sort when the user moves. The table view cells are also clickable and lead to a detail view page, like the annotations.

This contains a photo of the shop. If a photo url isn't provided by the API a default placeholder is used instead.

The phone and website icons are clickable. The website icon links to the url on safari. The phone icon prompts the user to call the phone number displayed (only works on iPhone, not simulator).

The opening times of the respective shop are also displayed in a text field view when provided by the API.

The basic data of the coffee shops is cached in core data once called. The detail page view info is not cached however. I checked if this was required by email and was told only basic info was required to be saved in core data.