

## iOS Assignment

### Role: iOS Developer

#### Tasks :

- a) From the API, display the list of facilities and their options by creating a UI, so that users can select one option from each facility. Display name and icon. For Example,
  - i) Property Type: Apartment, Condo, Boat House, Land – The user can select only one among this

- b) Add the exclusion condition by extending the above UI, so that users cannot select from the exclusions combinations.

For example, users can't select these options together.

Ex. 1: Property Type: Land, Number of Rooms: 1 to 3 rooms. (If the user selects "Land", then the user should not be able to select "1 to 3 rooms")

Ex. 2: Property Type: Boat House, Other Facilities: Garage. (if the user selects "Boat House", then the user should not be able to select "Garage")

- c) Give a brief explanation about the assignment solution on:
  - i) the choice of design pattern or Architecture used (MVVM, MVC, RxSwift, Combine, etc.)
  - ii) third-party frameworks/libraries used if any.The explanation should be included in the README.md file of the repository.

API Url: <https://my-json-server.typicode.com/iranjith4/ad-assignment/db>

Type: GET

Icons: <http://bit.ly/2KKsHOG>

#### Expectations :

- Highly scalable code
- Free to use any third-party library, and justify your options

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