Introduction

This document contains an interview exercises for candidates for iOS engineer in dubizzle. The main goal is find someone who is experienced in the field, rather than find someone who just started stepping into the iOS world.

Coding Exercise   
Duration: Maximum 3 days

Candidates participating in this round are required to built a simple iOS app using Xcode in Swift that displays movies from *TMDb.* The UI decisions are at the liberty of the candidates long as the elements of aesthetics, information and attention to detail are not lost.

Things to know before beginning this exercise are the following:

1. The API for the app should be from <http://themoviedb.org>.
2. Candidates may familiarize themselves with the documentation available at [http://docs.themoviedb.apiary.io](http://docs.themoviedb.apiary.io/) and register for an API key before starting live coding to prevent time wastage.
3. App should display a list of movies. Clicking on a movie will display some details of the movie.
4. App should have a simple filter button. Tapping on this button should open a *Filter* view which has two fields “*Min Year*” and “*Max Year*”.   
   Customer who use this awesome app will be able to filter movies based on minimum and maximum year range entered.
5. It would be a bonus if the app has paging and infinite scrolling.

Once the candidate has experimented with the api from themoviedb and get the notion about the app to be build, he/she can start the technical test.

Upon completion, please send the link back to the recruitment team.