# Javascript Test for Secret Source candidates

## Planning

Before moving forward to the development tasks we would like to test your planning and estimation skills. So take a moment to read through the tasks and try to understand, make a plan and estimate them. After that send us an email with that estimation and plan before actually starting.

## Development

Please do **one** of the following tests

**Task List**
Create a system to handle a **task list** that does the following:

- Displays two lists of tasks that can have two status: **Incomplete** and **Done**
- Allows users the possibility to create new tasks (which are added to the top of the
- Incomplete list)
- Incomplete tasks can be editable
- Done tasks can be removed
- Allows users to mark Incomplete tasks as Done

Possible solutions:

The presentation should be a single page with the following sections in this order:
- Create / Edit form
- Done (completed) tasks sorted chronologically by the date / time they were
- completed (most recent first)

Requirements:
- We will review the front end skills in this task, so it can be a serverless app.
- Vanilla JavaScript or any of the following frameworks must be used: React, Vue, Angular or AngularJS.

**OR**

**Quiz App**

Create a simple quiz app so users can play answering questions.

- CRUD for both users and questions
  - Users can be players or admins
  - Admin
    - Can create, edit and delete questions and players.
    - Have access to a single panel page to manage questions
  - Player
    - Can see and answer questions, but can't access to the panel
    - Can register and log in
  - Questions
    - Must have the question and at least one correct answer
    - Should have and status published/unpublished

- Views
  - Register and login - Only players can be registered
  - Landing page with the "published" questions
  - Admin panel to manage questions and players

Requirements:
- It must use a backend or API. Can't be a serverless app.
- Is not necessary to build a well designed site, but we would like to see some HTML/CSS skills.
- Browser storage can be used, but we would like to see some use of ORM with SQL/ no SQL database functionality. The database can be external.

Desirable:
- Some simple unit tests included
- Organized code structure
- Functional Programming and ES6
- Implement some logical asynchronous or promisified functions