



## Software Engineer Position

### Coding Exercise

#### Objective:

Create a single page web application (SPA) that will gather and display user preferences and aggregate them. For any details which are not precisely defined, do your best to try and anticipate what a business user would want to see. There is no correct or incorrect answer.

When submitting, please include a readme file with instructions on running the application.

Good luck!

#### Requirements:

- Application should consist of one page/view which contains:
  - A table with prior entries displayed
  - Statistics about which colors are the most popular within an age group
  - A button to open a form for a new entry
- Users should be able to use another page/view that will contain a form to enter their first name, last name, age and color preference.
- All entries should persist to a server-side data store and be loaded when the page is reloaded, or the server is restarted.
  - For the purposes of this exercise, any type of data store may be used.
- Any language may be used for this exercise. However, .NET and Angular are preferred.

**Please note:** If you find that you will not be able to complete this entire exercise by the deadline, it is still okay. But it is important that you submit whatever work is completed by the deadline for review.

If you won't be submitting a working solution by the deadline, please make sure that you include at the very least:

- Structure of the data store/table
- API controller for inserting/editing user input
- Basic page structure and any logic for the user input form