**Kooltra Development Challenge – HTML/CSS/javascript**

**Development Instructions**

Create a web page using HTML, CSS, javascript and any javascript library that you want (jquery, angular, react, D3, etc…). The web page should have two main features as follows:

1. A **table** with n rows and m columns. Allow the user to specify the columns and their labels on initialization of the table. The user should also be able to hide and reveal columns. The user should be able to add/delete rows and change data in the rows. The entries of the rows should all be numeric.

**NOTE:** this can be a simple HTML table, or something more sophisticated like an angular table.

1. A **chart** above the table. The chart should display a line graph for each column of values. Each entry going down a column would be shown as a unique data point in the column’s line graph.

**NOTE:** You can use D3 for the chart, or any javascript-based visualization library that you want.

The line graphs on a chart should dynamically update if data is changed in the table (the data point should be moved), or if rows are added/deleted (the data point in the line graphs should be added/removed), or if columns are hidden or revealed (the line graph should be removed or reinstated).

The details of the implementation are entirely up to you, but please justify your decisions. Think that a customer would be using this web page, so ease of use and stability are very important.

**NOTE:** Feel free to go above and beyond the requirements above in any way! We are eager for you to demonstrate your skills and judgement.

**Presentation Instructions**

Prepare a powerpoint presentation (or equivalent) that consists of the following:

1. Does not exceed 20 minutes.
2. Does not exceed 10 slides.
3. Present the fundamentals of underlying libraries and data models that you’ve implemented.
4. Incorporate a practical demonstration for your solution/implementation of the development challenge above.
5. Assume your audience is not familiar with your particular infrastructure (but the audience does know the basics of HTML,CSS and javascript)