Web Development – Mr. Turner

Roster Builder – Step 1

**Project Overview**

Develop a web utility for sorting incoming applicants into different groups. You have been given a skeketonized version of the code. Work to build a full web application so that applicants can be individually selected and moved into one of the four groups.

**Project Design**

You have been provided with the following files:

* roster builder.html – this is the index page
* namedata.js – this is the data
* roster.css – the css for this page
* columns.css – the css for building columns
* redblocks.png – the background image

There are 5 groups on the main page including prospective applicants and groups A through D. When the page is fully functional, applicants will be loaded into the Prospective Applicants group and the user will be able to select them and move them into the other groups.

Step 1 includes loading the applicants into the group.

In the namedata,js file, there is an array called ***allPeople*.** This array was built by splitting the string of names and genders around the semi-colon delimiter. Inside of allPeople, there are strings that contain a name and a gender delimited by a comma. You will read in all prospective applicants from this array.

For step 1, start a timer that loads one new person into the group every second.

Choose a random person from the allPeople array and break it up into an object. The object should have 3 pieces of information:

* Name of the applicant
* Gender of the applicant
* A unique ID number for the applicant.

The name and the gender come from the random person read from allPeople. Your program should generate the ID number on its own.

Create the object, store a back end version, and then put the person into the Prosepctive Applicants box by appending a list item to the list. Show the person’s name and his or her ID number.

**Bonus**

The Prospective Applicants group should never have more than 30 people. Program it so that applicants will only be added to the group if there are fewer than 30 in it already.

**Programming Requirements**

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| * You must code your own HTML. Use of a drag and drop interface or the usage of code downloaded from the internet is not permitted. |
| * Use of deprecated code is not permitted. Use the HTML 5 reference on [www.w3schools.com](http://www.w3schools.com) as your guide. |
| * Your page must be named *your full name index.html*. |
| * You must comment your name into the top of every page. |
| * Your code must be structured in a consistent and legible manner |
| * Your page may include well placed images. |
| * Your page must be formatted using CSS. |

**Submission**

Please submit only your html file, named *Your Name Willie.html*.