Web Development – Mr. Turner

Roster Builder – Step 4

**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**

In Step 3, you created an interface so that the user could move Prospective Applicants to any of Groups A through D.

Create an interface so that the user can now add and remove entire groups.

A new group will be empty upon creation. Remember to create the group in the back end and then provide a front end representation that looks like all of the other groups.

Deleting a group is more involved. All applicants inside the group should be returned to the Prospective Applicants Group (***if you’ve done the bonus and limited the Prospective Applicants group to 30, you may exceed that limit with these returned applicants).***

Remember to remove your back end group as well as your front end representation.

**Bonus**

Limit the number of Prospective Applicants to 30.

Limit the number of applicants in Groups A through D to 12 apiece.

Program the page so that the user can return the applicant to the Prospective Applicants group from any of the other groups by clicking on it. If a returned applicant would push the number of Prospect Applicants over 30, you may exceed that limit.

**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. |