**Presentation 3 – Approving and Searching**

In this presentation you will demonstrate the approval process and show that data entered in the database can be viewed and searchable by users.

1. **Team Effort (80’)**
2. **Demonstrate the approval process (40’)**
   1. After the program manager registration, the program manager must be approved before the person can add a new program. Need to have an additional column in the database to mark a manager to be unapproved after registration. Either a super admin or admin can approve a program manager.

**Rubric:**

5’ - After manager registration, the person will receive a message indicating it will go through an approval process and somebody will contact by email once it is approved.

5’ - An admin or super admin can view a list of approved and unapproved program managers.

5’ - An admin or super admin can approve or disapprove a program manager.

5’ – Whenever a manager is in the Disapproved status, the person cannot add a new program and cannot change profile or password.

5’ – A program manager can be in “Active” or “Inactive” status. If Inactive, the person cannot add or edit a program but can view or search existing programs (like a regular user) and do account maintenance such as “edit profile” or “change password”.

* 1. A program must be approved by the super admin before it becomes searchable by general users or other program managers (it can be edited before the approval process). Because an admin can add a new program, only a super admin can approve a program.

**Rubric:**

5’ – Whoever created a program can view a list of their own programs and see the “approved or unapproved” status. A message will be displayed to the user that once it is approved by the administrator, the program will be searchable by users.   
5’ – A super admin can view a list of all programs in the approved or unapproved status and can approve or disapprove a program.   
5’ – Only approved programs can be searchable and viewed by those who did not create them.

1. **Demonstrate program searching (35’)**

Searching should closely follow what is defined by our client (in the file named N431Spring20CourseProjectV2.jpg on Canvas. This is the file Elmer distributed in class).

**Rubric:**

1’ - Search by Program Name: Since the user may not know the exact program name, they can search for programs whose name contains the text enter in a text box.   
1’ - Search by Field (a drop down list allowing no entry, which means all)  
1’ - Search by Grades (a drop down list allowing no entry, which means all)  
1’ - Search by Residential (a drop down list allowing no entry, which means all)  
1’ - Search by Cost (a drop down list allowing no entry, which means all)  
1’ - Search by Stipend (a drop down list allowing no entry, which means all)  
1’ - Search by Duration (a drop down list allowing no entry, which means all)  
1’ - Search by Season (a drop down list allowing no entry, which means all)  
1’ - Search by Start Date (allow user to pick a date, and indicate on/before/after)  
1’ - Search by Application Deadline (allow user to pick a date, and indicate on/before/after)  
1’ - Search by University Affiliation. They can search for a university whose name contains the text enter in a text box. We should not use a dropdown list here, since Purdue University may appear twice as “purdue university” or “Purdue University” as two different list items. We do not maintain a list of unique Universities as one of the look up tables.

1’ - Search by Restrictions (a drop down list allowing no entry, which means all)  
1’ - Search by State (a drop down list allowing no entry, which means all)  
1’ - Search by County (AutoPostBack based on State value, but allow no selection which means all counties)  
1’ - Search by City(AutoPostBack based on County value, but allow no selection which means all cities)  
1’ - Search by Zip, textbox entry (but SQL query should use a LIKE keyword to search for programs that start with this zip code, in case a program has a zip code longer than 5 digits)

1’ - Indicate a search order (search by what field, in what order)

18’ – Display search results as indicated by user, with all fields used in searching as well as all the rest of the information including “Last Updated” time. Make sure the “add a new program” page follows exactly as seen on “<https://is.gd/directorySTEM>” so that programs can be entered then displayed correctly.

1. **Export all data into Excel (5’)**  
   Allow admin or super admin download all programs as an Excel spreadsheet.
2. **Individual Contributions (20’)**

Make sure you have adequate contribution in programing on ASP.NET. Working on the database or frontend alone will not meet this requirement. Ideally you should describe which rubric items are your work but it is ok for two people working on a large component together. Having no or minimal contribution will result in a 0 or a very low score in this presentation.