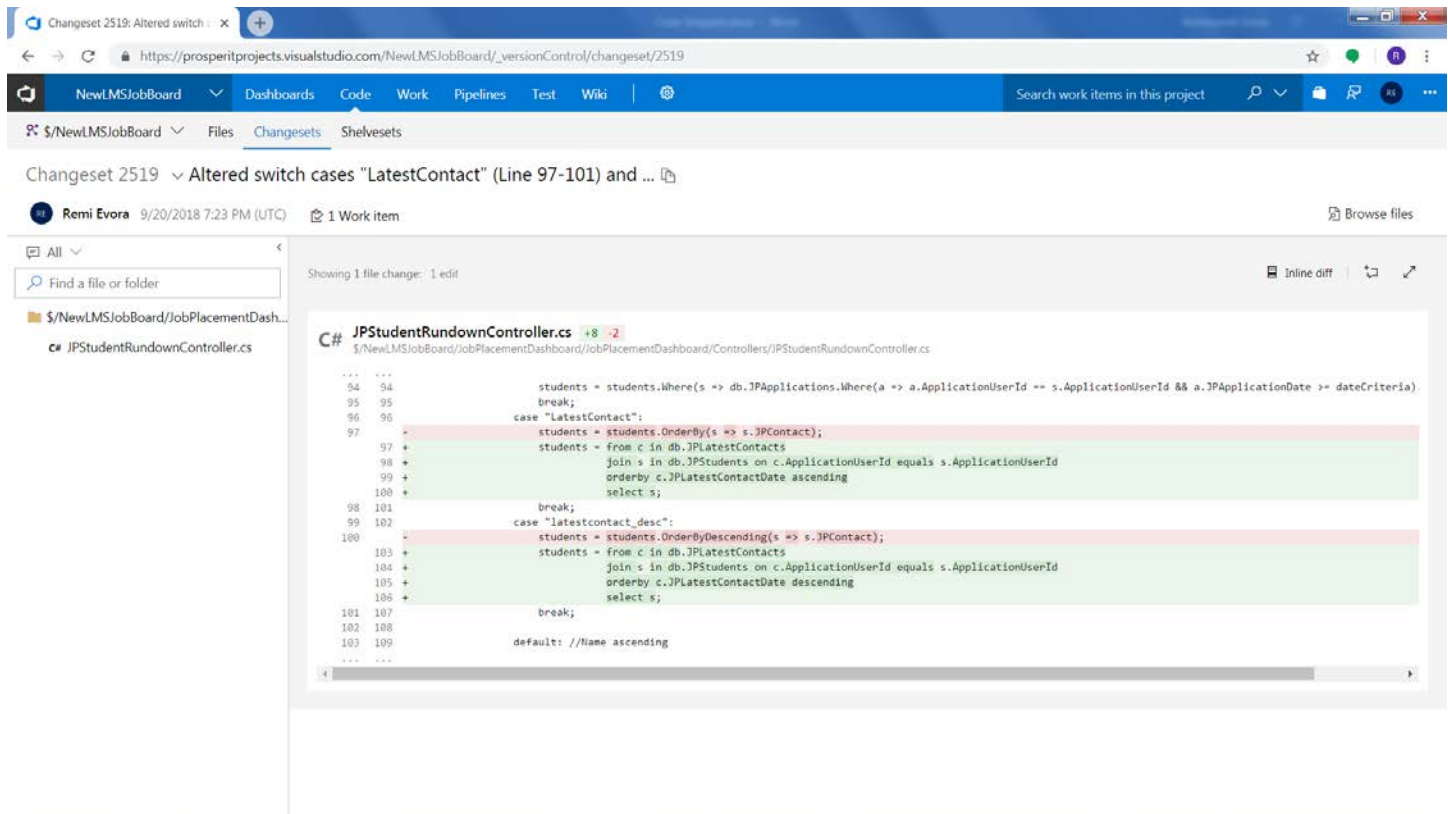
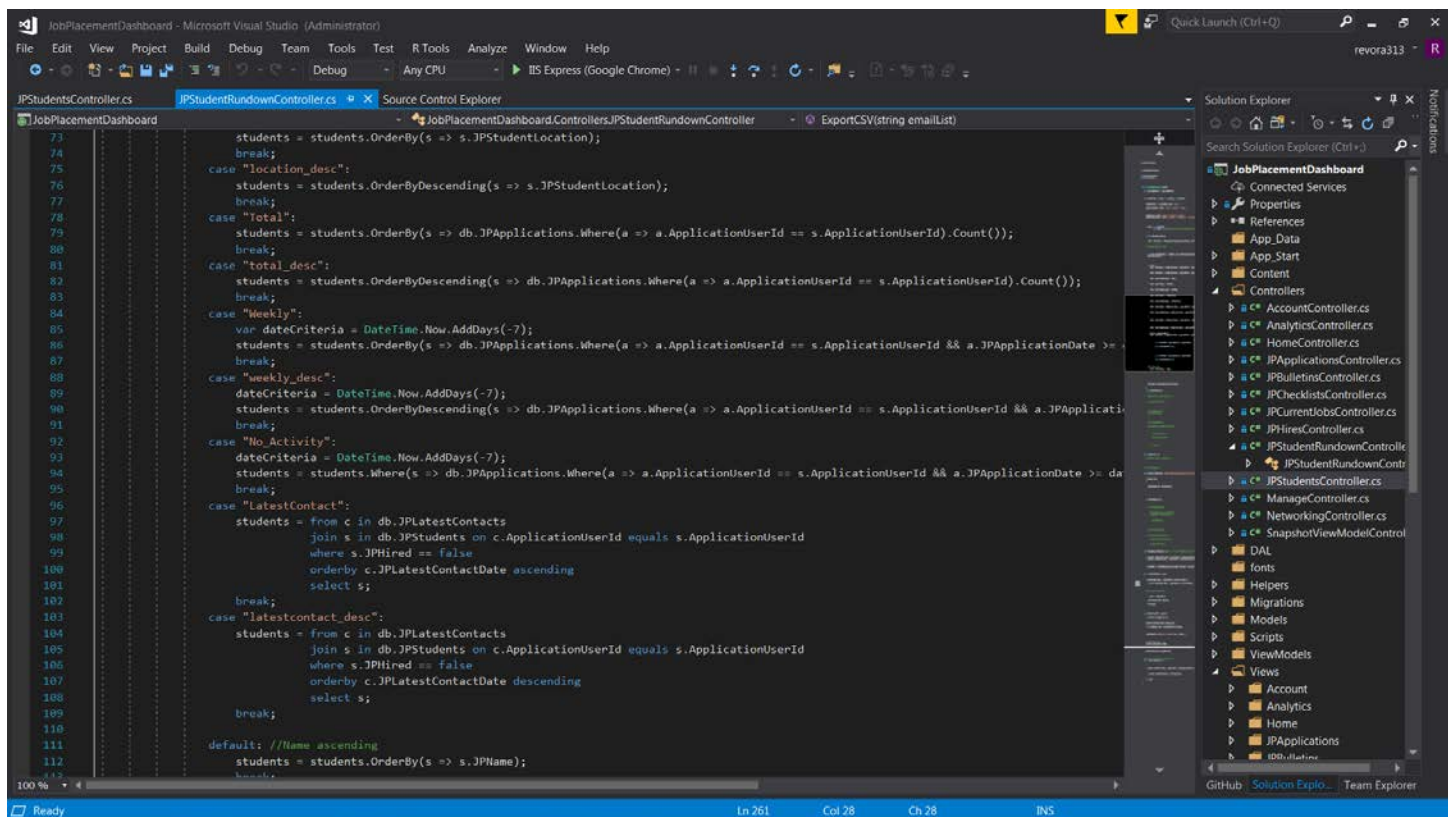


Line 96 to 109 – Created proper formulas for ascending and descending functionality for data with the flag ‘unhired’. Previous iteration tried to sort based on bool quality, resulting in inaccurate results.



Visual Studio Code interface showing a change set for the file `JPStudentRunDownController.cs`. The change set is titled "Altered switch cases 'LatestContact' (Line 97-101) and ...". The code snippet shows the following logic:

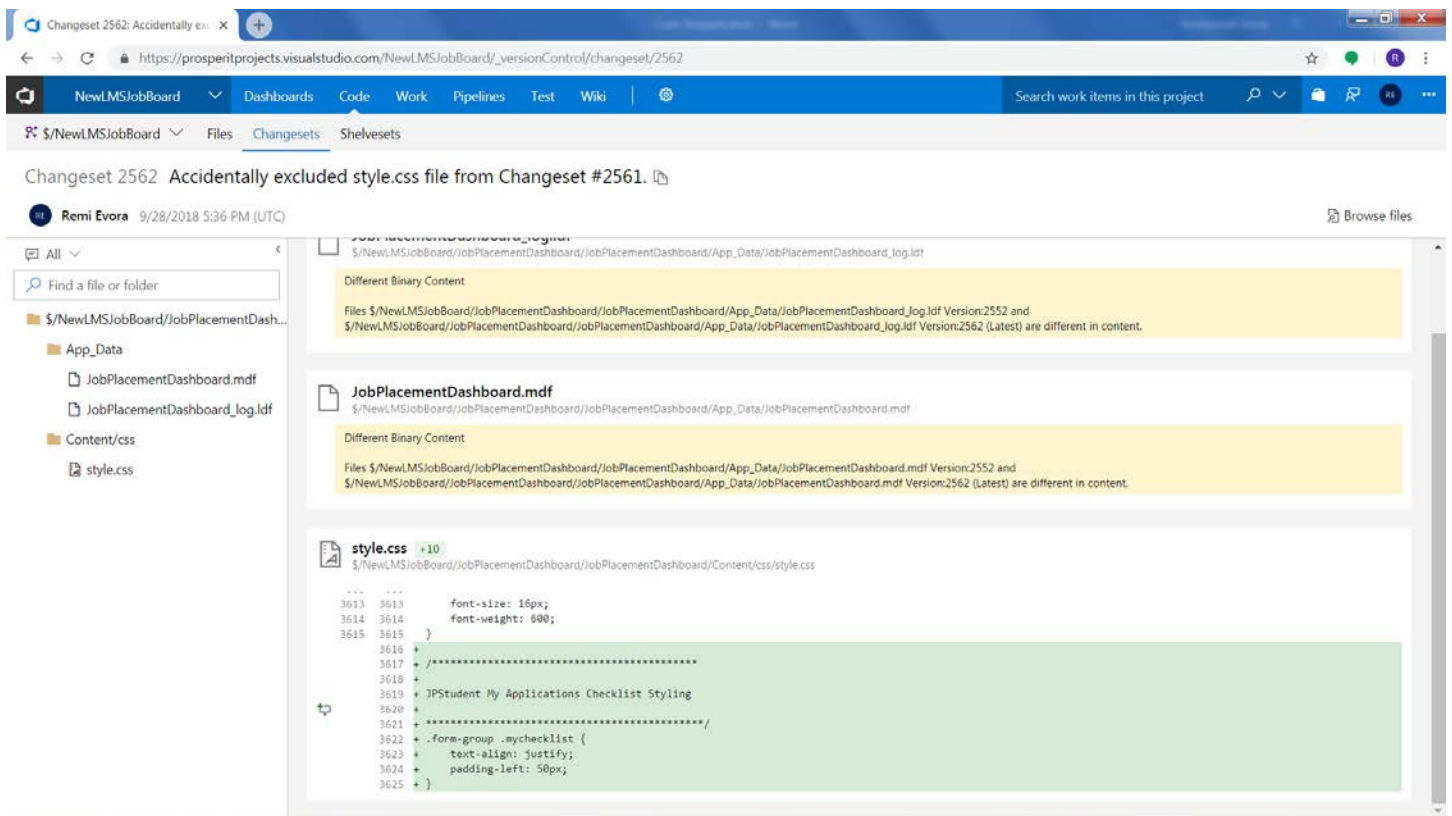
```
...
94 94      students = students.Where(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId && a.JPApplicationDate >= dateCriteria).
95 95      break;
96 96      case "LatestContact":
97 97      students = students.OrderBy(s => s.JPContact);
98 98      students = from c in db.JPLatestContacts
99 99      join s in db.JPStudents on c.ApplicationUserId equals s.ApplicationUserId
100 100      orderby c.JPLatestContactDate ascending
101 101      select s;
102 102      break;
103 103      case "latestcontact_desc":
104 104      students = students.OrderByDescending(s => s.JPContact);
105 105      students = from c in db.JPLatestContacts
106 106      join s in db.JPStudents on c.ApplicationUserId equals s.ApplicationUserId
107 107      orderby c.JPLatestContactDate descending
108 108      select s;
109 109      break;
...
default: //Name ascending
```



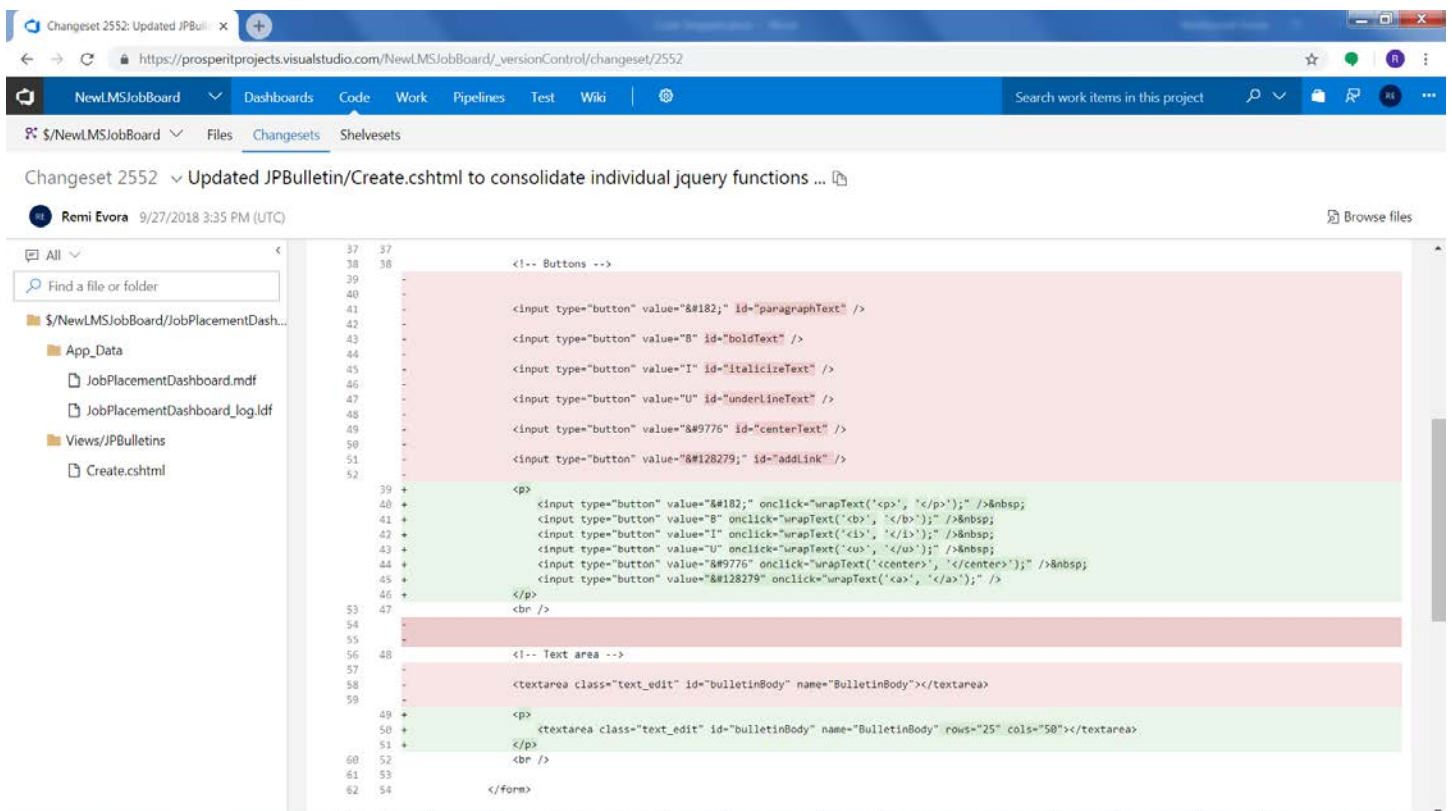
Visual Studio interface showing the full `JPStudentRunDownController.cs` file. The code includes various cases for sorting and filtering data, such as 'location_desc', 'Total', 'total_desc', 'Weekly', 'weekly_desc', 'No Activity', and 'LatestContact'. The code is as follows:

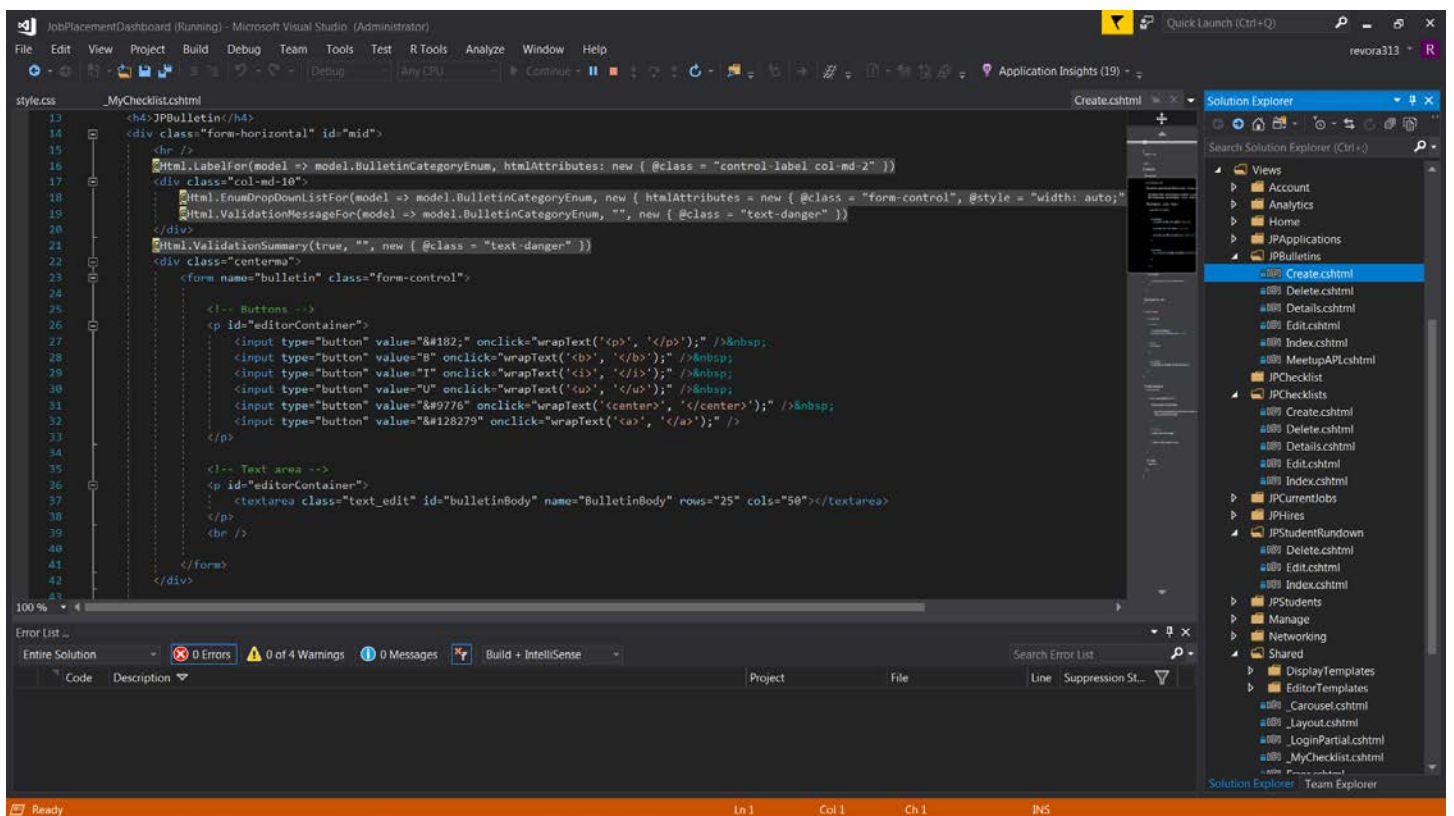
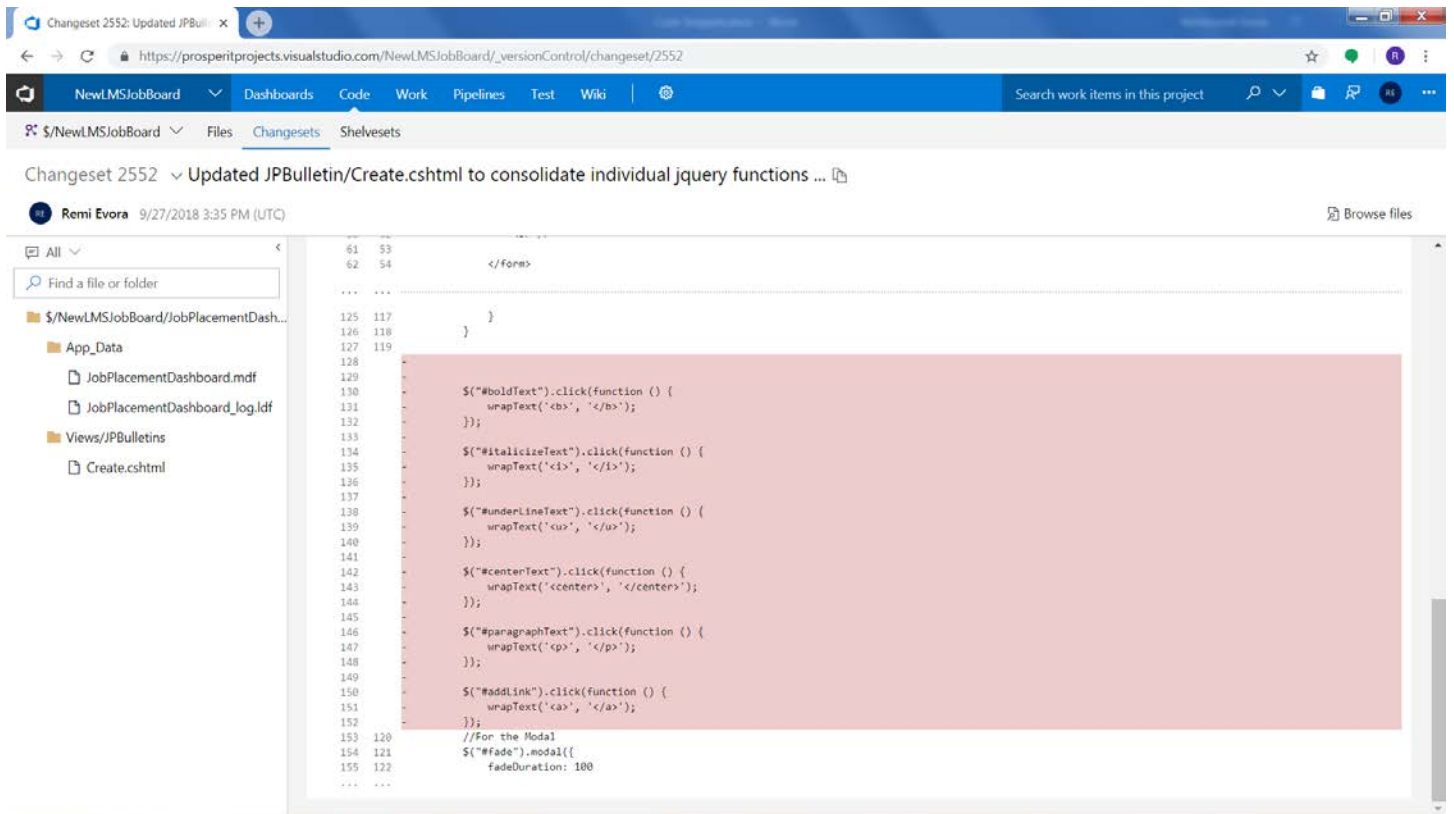
```
73      students = students.OrderBy(s => s.JPStudentLocation);
74      break;
75      case "location_desc":
76      students = students.OrderByDescending(s => s.JPStudentLocation);
77      break;
78      case "Total":
79      students = students.OrderBy(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId).Count());
80      break;
81      case "total_desc":
82      students = students.OrderByDescending(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId).Count());
83      break;
84      case "Weekly":
85      var dateCriteria = DateTime.Now.AddDays(-7);
86      students = students.OrderBy(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId && a.JPApplicationDate >= dateCriteria).Count());
87      break;
88      case "weekly_desc":
89      dateCriteria = DateTime.Now.AddDays(-7);
90      students = students.OrderByDescending(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId && a.JPApplicationDate >= dateCriteria).Count());
91      break;
92      case "No Activity":
93      dateCriteria = DateTime.Now.AddDays(-7);
94      students = students.Where(s => db.JPApplications.Where(a => a.ApplicationUserId == s.ApplicationUserId && a.JPApplicationDate >= dateCriteria).Count() == 0);
95      break;
96      case "LatestContact":
97      students = from c in db.JPLatestContacts
98      join s in db.JPStudents on c.ApplicationUserId equals s.ApplicationUserId
99      where s.JPHired == false
100      orderby c.JPLatestContactDate ascending
101      select s;
102      break;
103      case "latestcontact_desc":
104      students = from c in db.JPLatestContacts
105      join s in db.JPStudents on c.ApplicationUserId equals s.ApplicationUserId
106      where s.JPHired == false
107      orderby c.JPLatestContactDate descending
108      select s;
109      break;
110      default: //Name ascending
111      students = students.OrderBy(s => s.JPName);
112      break;
```

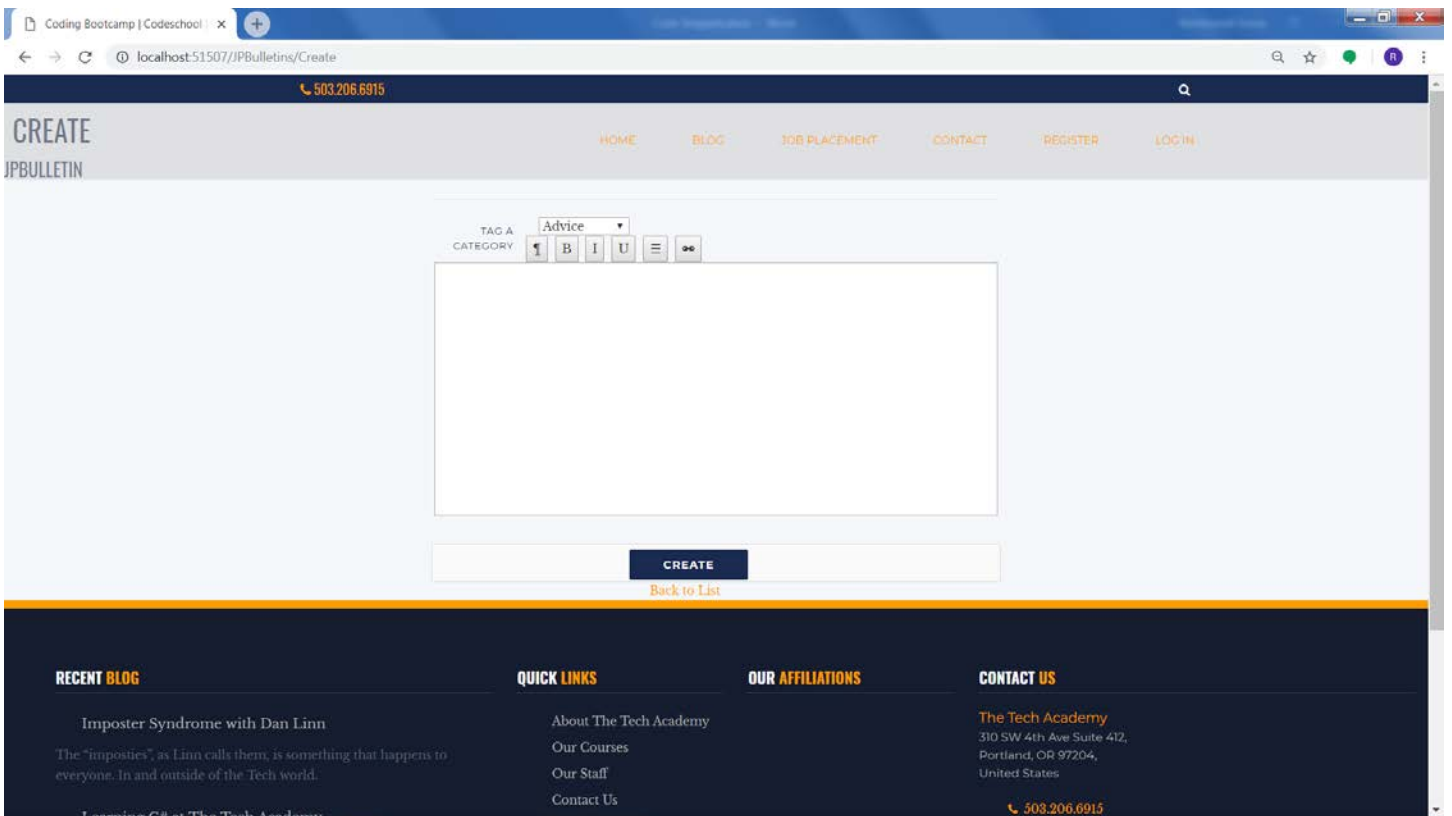
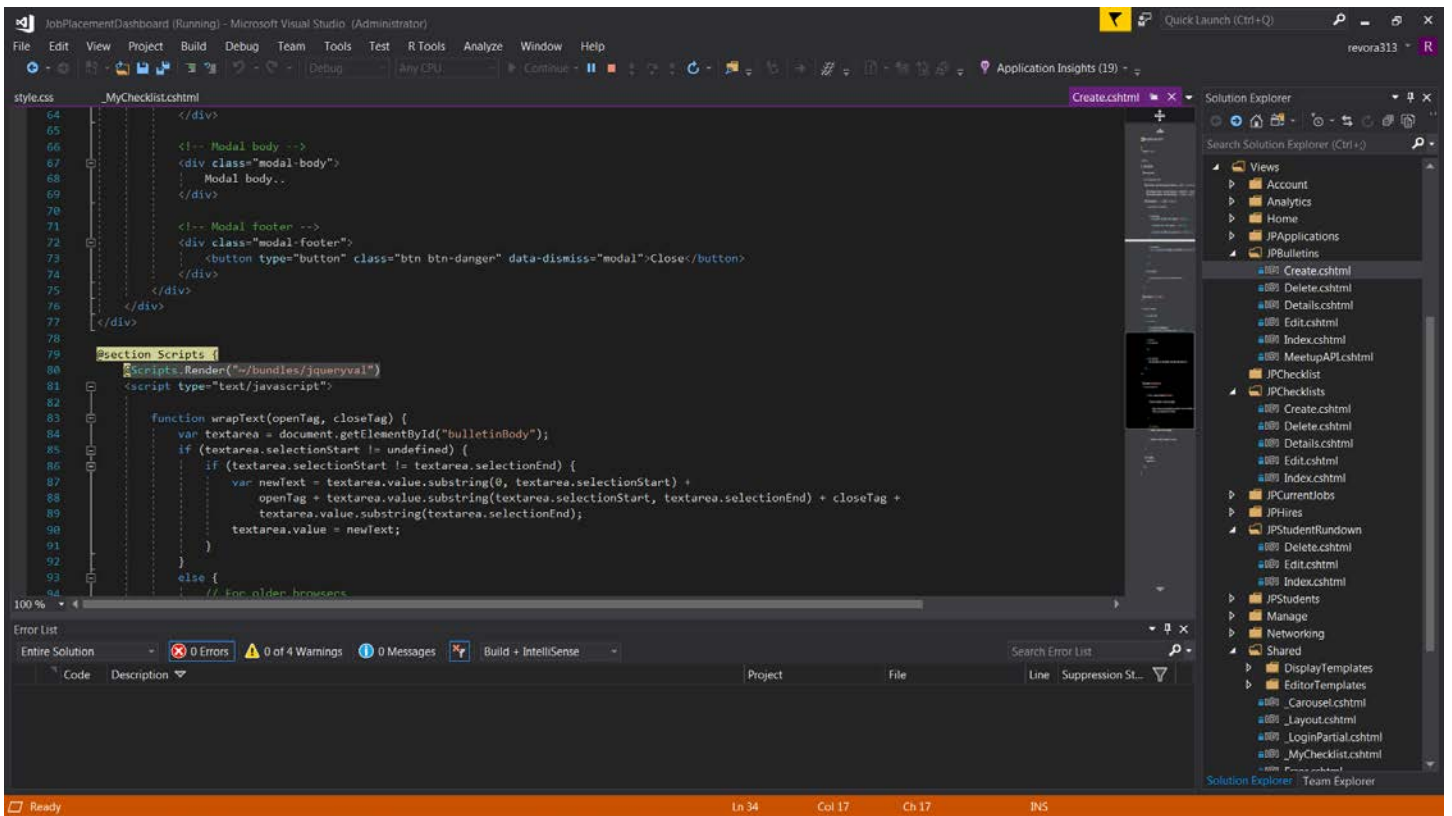
Altered tags from line 9 to 44, and added CSS ‘mycheckboxlist’ tag for styling alignment. Previous iteration had the checklist available and functional, but centered and unaligned.



Revised code to make it more DRY, lines 26 to 32. Previous iterations had buttons but used separate hashtags for relation, and called the wrapText function multiple times for each different button individually. Removed the individual method calls, compacted the code and streamlined it to call on the method by adding the onclick="wrapText" component.







Altered code for filtering to match other code structure, basing on JPStudentLocation versus previous iteration sorting on hiring company location.

```
109 }
110
111 var newJpStudentsList_Portland = newJpStudentsList.Where(x => (x.JPStudentLocation == JPStudentLocation.PortlandLocal) || (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
112 var newJpStudentsList_Denver = newJpStudentsList.Where(x => (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
113 var newJpStudentsList_Seattle = newJpStudentsList.Where(x => (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
114 var newJpStudentsList_Remote = newJpStudentsList.Where(x => x.JPStudentLocation == JPStudentLocation.Remote).ToList();
115
116 var weeklyHiresList_Portland = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.PortlandLocal) || (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
117 var weeklyHiresList_Denver = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
118 var weeklyHiresList_Seattle = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).ToList();
119 var weeklyHiresList_Remote = weeklyHiresList.Where(x => x.JPStudentLocation == JPStudentLocation.Remote).ToList();
120
121 int totalWeeklyHires = weeklyHiresList.Count();
122 int totalWeeklyHires_Portland = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.PortlandLocal) || (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
123 int totalWeeklyHires_Denver = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
124 int totalWeeklyHires_Seattle = weeklyHiresList.Where(x => (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
125 int totalWeeklyHires_Remote = weeklyHiresList.Where(x => x.JPStudentLocation == JPStudentLocation.Remote).Count();
126 if (portlandStudents > 0) { portlandAvgDaysInJP = (portlandDaysInJP / portlandStudents); }
127 if (denverStudents > 0) { denverAvgDaysInJP = (denverDaysInJP / denverStudents); }
128 if (seattleStudents > 0) { seattleAvgDaysInJP = (seattleDaysInJP / seattleStudents); }
129 if (remoteStudents > 0) { remoteAvgDaysInJP = (remoteDaysInJP / remoteStudents); }
130 avgDaysInJP = (totalDaysInJP / totalStudents);
131
132 int totalWeeklyApps = weeklyAppList.Count();
133 int totalWeeklyApps_Portland = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.PortlandLocal) || (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
134 int totalWeeklyApps_Denver = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
135 int totalWeeklyApps_Seattle = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
136 int totalWeeklyApps_Remote = weeklyAppList.Where(x => x.JPStudentLocation == JPStudentLocation.Remote).Count();
137
```

Changeset 2531: Altered lines 119 - 123 for SnapshotViewModelController.cs to utilize ...

Remi Evora 9/24/2018 3:46 PM (UTC)

Showing 1 file change: 1 edit

```
C# SnapshotViewModelController.cs +4 -4
$NewLMSJobBoard/JobPlacementDashboard/JobPlacementDashboard/Controllers/SnapshotViewModelController.cs
...
117 117 avgDaysInJP = (totalDaysInJP / totalStudents); // PB -----
118 118
119 119 int totalWeeklyApps = weeklyAppList.Count();
120 + int totalWeeklyApps_Portland = weeklyAppList.Where(x => x.JPCompanyCity == "Portland").Count();
121 + int totalWeeklyApps_Denver = weeklyAppList.Where(x => x.JPCompanyCity == "Denver").Count();
122 + int totalWeeklyApps_Seattle = weeklyAppList.Where(x => x.JPCompanyCity == "Seattle").Count();
123 + int totalWeeklyApps_Remote = weeklyAppList.Where(x => x.JPCompanyCity == "Remote").Count();
120 + int totalWeeklyApps_Portland = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.PortlandLocal) || (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
121 + int totalWeeklyApps_Denver = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.DenverLocal) || (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
122 + int totalWeeklyApps_Seattle = weeklyAppList.Where(x => (x.JPStudentLocation == JPStudentLocation.SeattleLocal) || (x.JPStudentLocation == JPStudentLocation.Remote).Count();
123 + int totalWeeklyApps_Remote = weeklyAppList.Where(x => x.JPStudentLocation == JPStudentLocation.Remote).Count();
124 124
125 125 var snapshotStats = new SnapshotViewModel(newJpStudentsList, weeklyHiresList, totalWeeklyApps, totalWeeklyHires, jpStudentCount, unhiredGradCount,
126 126
...

```

Minor CSHTML alterations for wording changes.

The screenshot shows the Visual Studio Code interface with a changeset for line 101 and 104 in the Views/JpStudentRunDown/Index.cshtml file. The changeset is titled "Changeset 2528" and shows the following changes:

```
... 98      @Html.DisplayFor(modelItem => item.StudentDayCount)
... 99      </td>
100 100      <td class="text-center">
101 101      <a href="http://@Html.ExternalLink(item.StudentLinkedIn)" target="_blank">LinkedIn Profile</a>
102 102      </td>
103 103      <td class="text-center">
104 104      <a href="http://@Html.ExternalLink(item.StudentPortfolio)" target="_blank">Student Portfolio</a>
105 105      </td>
106 106      <td class="text-center">
107 107      @Html.DisplayFor(modelItem => item.TotalApplications)
... 108
```

The screenshot shows the Visual Studio Code interface with the Index.cshtml file open in the Views/JpStudentRunDown directory. The file contains the following code:

```
76      trStyle = "background-color: #c1c8dd;";
77
78
79      <tr class="text-center" style=@trStyle>
80      <td class="text-center">
81      @Html.DisplayFor(modelItem => item.StudentName)
82      </td>
83      <td class="text-center">
84
85      @string emailString = item.StudentEmail; <!-- declaring empty email string -->
86      <a href="mailto:@Html.ExternalLink(item.StudentEmail)" target="_blank" class="emailink" id=@item.JPStudentId>@emailString</a>
87      <span id="emailList">@emailList + emailString + ";";</span> <!-- concatenating emailString with next emailString to generate a list -->
88      </td>
89      <td class="text-center">
90      @Html.DisplayFor(modelItem => item.StudentLocation)
91      </td>
92      <td class="text-center">
93      @Html.DisplayFor(modelItem => item.StudentDayCount)
94      </td>
95      <td class="text-center">
96      <a href="http://@Html.ExternalLink(item.StudentLinkedIn)" target="_blank">LinkedIn</a>
97      </td>
98      <td class="text-center">
99      <a href="http://@Html.ExternalLink(item.StudentPortfolio)" target="_blank">Portfolio</a>
100      </td>
101      <td class="text-center">
102      @Html.DisplayFor(modelItem => item.TotalApplications)
103      </td>
104      <td class="text-center">
105      @Html.DisplayFor(modelItem => item.TotalApplicationsThisWeek)
106      </td>
107      <td class="text-center">
108      @item.JPGraduated
109      </td>
110      <td class="text-center">
111      @item.CheckListStatus
112      </td>
113      <td class="text-center">
114      @if (@item.CalculateLastContactDate == 0)
115      {
116      Today
117      }
118      </td>
```