Final Checklist

Rev 1.0

1. Using the techniques, we looked at last class, you should be now able to create one additional report for the case study to list out **Call** information, this one should have at least 6 columns and be in **landscape mode** to fit all 6 columns.

E.g. Calls:

Current Calls

Opened	Last Name	Tech	Problem	Status	Closed
4/18/2023	Smartypants	Burner	Device Not Plugged In	Closed	4/18/2023
4/19/2023	Pincher	Burner	Hard Drive Failure	Open	-
4/19/2023	Slick	Burner	Power Supply Failure	Open	-
4/19/2023	Pincher	Dish	Power Supply Failure	Closed	4/19/2023
4/19/2023	Smartypants	Burner	Device Not Turned On	Open	-

Call report written on - 4/21/2023 9:34:34 AM

You'll need to make some obvious changes to the code for this Report.

- First make the orientation landscape by adding a **.Rotate** to the pg instantiation to do landscape orientation is found on the bolded lines in the code snippet shown here:

```
    PageSize pg = PageSize.A4.Rotate();
..

    Document document = new(pdf,pg);  // PageSize(595, 842)
```

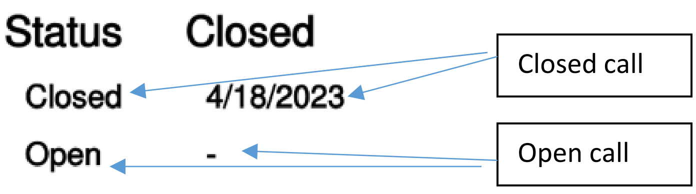
- Then realize the position of the graphic will need to smaller as landscape results in a shorter page:

```
Image img = new Image(ImageDataFactory.Create(rootpath + "/img/helpdesk.jpg"))
    .ScaleAbsolute(100, 100)
    .SetFixedPosition(((pg.GetWidth() - 100) / 2), 450);
```

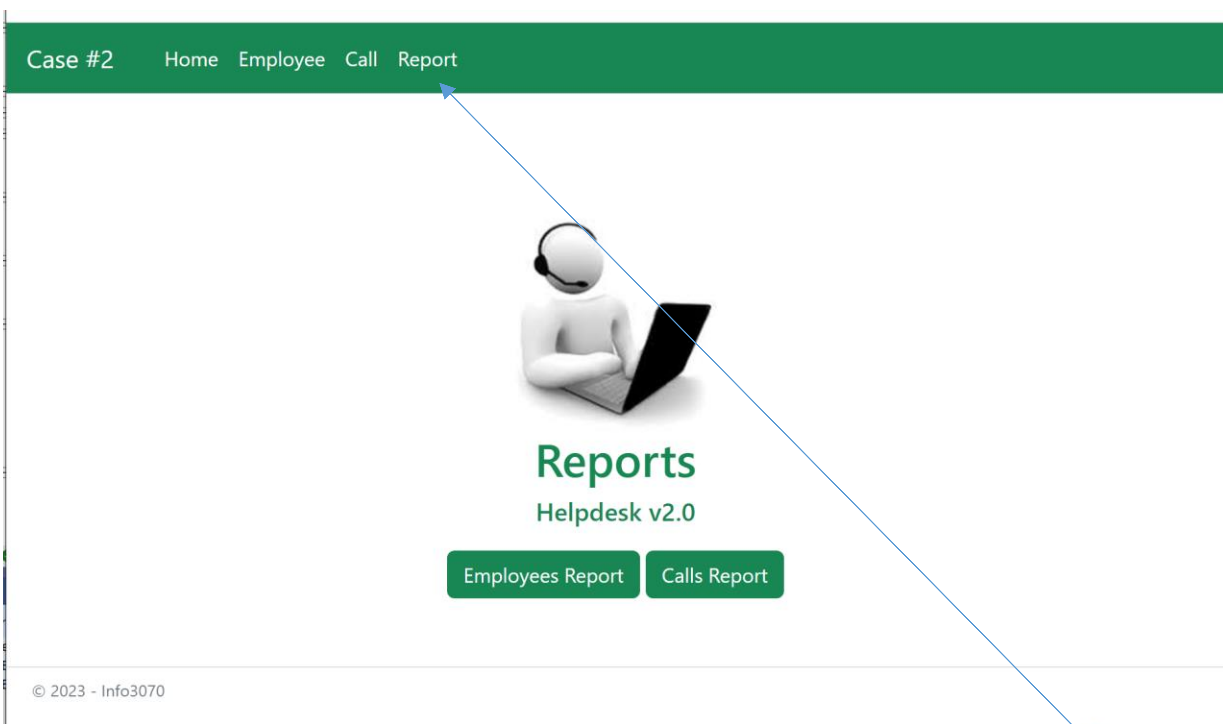
- Notice that the Opened and Closed columns have dates. You can get this date format by calling the ToShortDateString function doing something like this in your looping logic:

```
call.DateOpened.ToShortDateString();
```

- You'll need to set up some variables to determine if the individual call is opened or close. Notice that for a closed call, the status is to say **Closed** and there is a date present. For an open call the status is to say **Open** and there should be a **hyphen** or equivalent present in the closed column.



2. To put the report functionality in the 2nd case study, rework your code from last class and refactor it as a **reports.html/reports.js** combination. The look of the page should be like the employee and call pages. You can just hard code the buttons in the html, and then set up 2 event handlers in the JavaScript to call the report and use the window.open JavaScript to display the correct pdf:

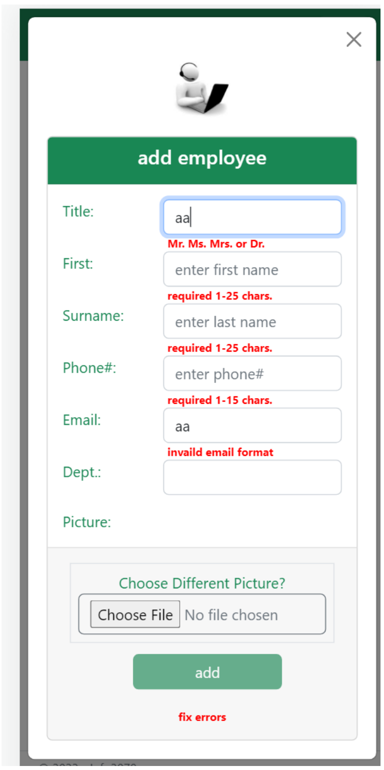


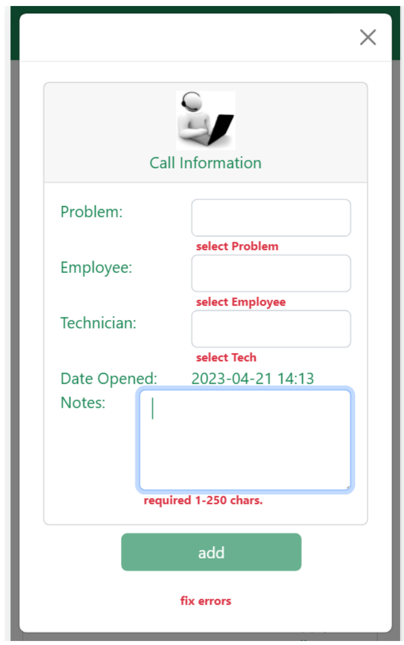
3. Update all 4 pages' (home, employee, call, report) menu to include a report entry.

Now let's summarize all the changes we've done since case 1:

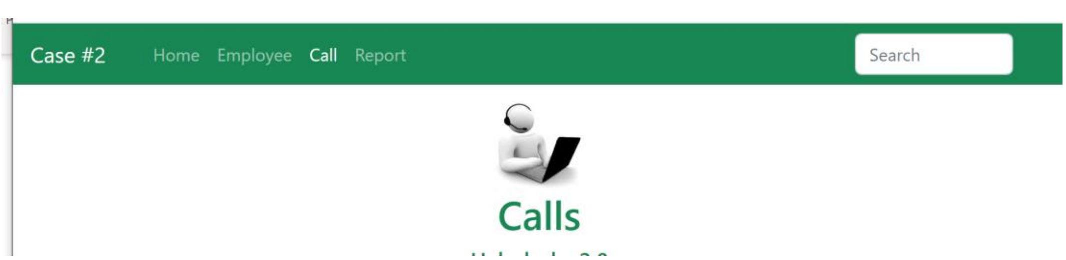
Summary of Changes/Additions for Case 2

1. Added jQuery validation to the employee and call modals:

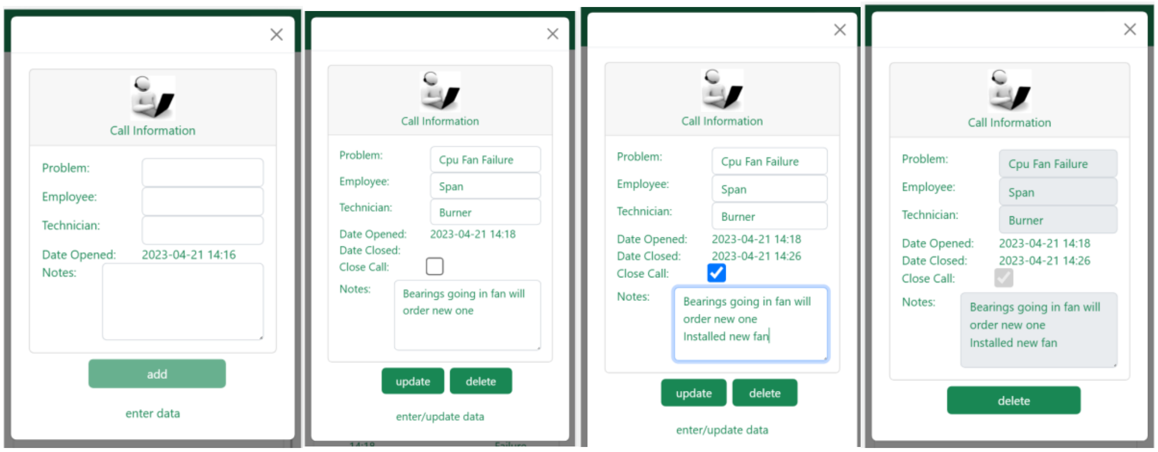




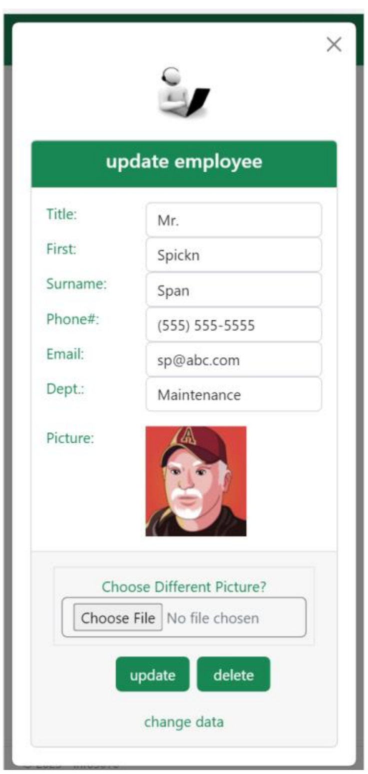
2. Added, search functionality in **both** the employee and call pages:



3. Added a new calls.html/calls.js pair and corresponding server-side objects to provide complete CRUD functionality with **4 different looks:**



4. Updated employee.html/employee.js and corresponding server-side objects to now handle uploading/updating of **employee pictures.**



5. A new report.html/report.js combination (see pg. 2 above)

Case 2 Requirements - **Due: December 2nd @7:00 pm**

You are to update the logical 5 tier employee/call editor. You are to create a .zip file (**NO RARs NO .7z**) that contains only the parts of the case study below designated with a **(Z)**. Again, ensure the site renders correctly in both a desktop and mobile browser.

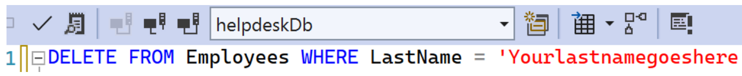
. The layers are to be architected as follows:

1. **View Layer (HelpdeskWebsite)**
   - call.html/call.js **(Z)**
   - employee.html/employee.js **(Z)**
   - home.html
2. **Web Layer (HelpdeskWebsite)**
   - CallController.cs **(Z)**
   - EmployeeController.cs
   - ProblemController.cs
   - DepartmentController
3. **ViewModels Layer (HelpdeskViewModels.dll)**
   - CallViewModel.cs **(Z)**
   - EmployeeViewModel.cs **(Z)**
   - ProblemViewModel.cs
   - DepartmentViewModel.cs
4. **Data Access Layer (HelpdeskDAL.dll)**
   - CallDAO.cs **(Z)**
   - EmployeeDAO.cs
   - ProblemDAO.cs
   - DepartmentDAO.cs
   - DALUtil.cs
   - HelpdeskContext.cs
   - HelpdeskEntity.cs
   - IRepository.cs
   - HelpdeskRepository.cs
   - Employees, Departments, Problems, and Calls domain classes
5. **.mp4 video following the prescribed script** **(Z)** see next page for instructions
6. **2 pdfs** – employees and calls **(Z)**

Make sure you use a logo everywhere (including the pdfs) and are consistent with colors and fonts and they are styled differently from the default exercises style. Also make sure you are doing validation in both the employee and call modals.

INFO3070 Case2 Instructions - 10% of final mark

1. Before starting your recording, clear out any data from your calls table, and delete yourself from the employees table:



STEPS to be RECORDED:

2. From a full screen browser, add yourself using the **employees.html** page:
    a. Title – Mr./Ms./Mrs.
    b. First – your first name
    c. Last – your last name
    d. Phone – 555-5555
    e. Email – case2@here.com
    f. Department – Administration
    g. **Do not select** a picture
    h. Press the ADD button

3. Update yourself:
    a. Change the image **NewEmployee.png** for the employee image

4. Add another employee:
    a. Title – Mr.
    b. First – Final
    c. Last – Lee
    d. Phone – 555-5552
    e. Email – fl@here.com
    f. Department – Sales
    g. **Do not select** a picture
    h. Press the ADD button

5. Open another tab in a mobile footprint emulating a **Pixel 5** mobile device. Select Mr. Lee in both tabs
    a. Tab 1 – desktop footprint
    b. Tab 2 – mobile footprint

6. Update Mr. Final Lee in both the desktop footprint and mobile footprint in the following sequence
    a. Change his picture to the same picture as Bigshot Smartypants in the mobile footprint. After pressing update ensure the message is visible.
    b. In the desktop footprint update his phone #. Ensure the message is visible after pressing update.

7. Update Mr. Lee one more time in the desktop footprint. Replace his title with just the letter X, his email address with just the letter A, and remove his phone number entirely.

8. Add a call with the following entries:
    a. You as the employee
    b. **Burner** as tech
    c. **Cpu Fan Failure** as the problem
    d. **Fan shot** as the notes

9. Update the call from the previous step and **add** to the existing note (**not replace**) that the part was on backorder press update

10. Update the call a 3rd time, press the call closed check box and add to the note that the part was installed, then press update.

11. Update the call a 4th time, press the X after viewing it.

12. Add two more calls for yourself, fill in whatever you want for both calls.

13. Add two additional calls for Mr. Lee (there should be 5 calls in the list now)

14. Use the search field and filter the list so that just your calls are there.

15. Update one of your calls and press the delete button so the confirmation dialog appears. Press the yes option and ensure the resulting message is visible, then scroll to the bottom of the call list if all of the calls aren't visible.

16. Select the Report option from the menu.

17. Generate both the Employees Report and Calls report (save the pdfs an include in zip)