INFO3070 Case 2 – Requirements

Due: Week 14 – Sunday November 9th 11:59pm

You are to create a logical 5 tier employee editor for a helpdesk. You are to create a zip file that contains the entire solution so that it can be demonstrated wherever it is deployed. Make sure you take time to style the site with unique fonts, colors and logos that are different from the base exercise project so that I know it's your own project. The site should render correctly on both the browser and in the mobile browser.

Functionality will consist of providing FULL CRUD capabilities of employee/call information using the techniques demonstrated in the exercises application. Employee Add/Update should allow adding/updating of Image data. Include a Reports page which lists the Employees and Calls report. The top Navigation bar should only show the Home page, Employees page, Calls page, and Reports page.

The layers of the solution are to be architected as follows:

1. View Layer (Helpdesk Website)
   - Javascript Scripts
   - HTML Pages
2. Web Layer (Helpdesk Website)
   - Controller classes (API methods)
   - Call Controller
   - Problem Controller
   - Employee Controller
   - Department Controller
   - Call Report
   - Employee Report
3. ViewModels Layer (HelpdeskViewModels.dll)
   - Employee View Model
   - Department View Model
   - Call View Model
   - Problem View Model
4. Data Access Layer (HelpdeskDAL.dll)
   - Model Classes
   - Database Context
   - Repository
   - Entity classes
5. Data Layer (HelpdeskDB Database)
   - Employees Table
   - Departments Table
   - Calls Table
   - Problem Table

Make sure to zip up the entire solution, and not just the .sln file, as it will not load by itself.

<u>If your solution does not build you will receive 0%</u>

10% of final mark. Late penalties – -10% per day to a maximum -50%, DropBox November 14th at 11:59pm.

+0.5/10 bonus mark can be earned by uniquely styling your site in a professional manner above and beyond the minimum (look at professional sites you like for ideas).

+0.5/10 bonus mark can be earned by implementing a Call Report button on the Employee List page where the report can be generated for a specific Employee:

Clicking on the Call Report button would open a report that shows only that Employee's Calls, if no calls exist it should display that:

Clean and Zip up your entire solution, all projects are to be included, do not include your database file, I have my own.