Created a partial view for my Rubric table so I could reused code on other views. This table stays unique and will never change

Stage 2:

I would like to refactor my Rubric Table and pull all data into simplified table. This will simplify database calls and join thus reducing repetitive code memory being used.

Objectives

Development of an online marking tool for the Software Engineering and Design course for Vision College. This tool will be available for all three campuses which offers the DSED course.

The system needs to include an electronic copy that reflects the current marking document which is a Microsoft office word document.

Technologies to build project includes ASP.NET MVC/Razor, Entity Framework, SQL Management Server Studio and will be an online system that all the campuses will have access to.

Project Description:

Features:

Phase One:

1. Database Design and Implementation
2. Webpage which allow user to add, delete and edit Software Engineering Students
3. Webpage which allow user to add, delete and edit Modules assigned to students
4. Basic MVC scaffold which allows lecturer to update Module Marking Overview titles and comments
5. An interactive marking page that enables lecturer to add marks based on current document layout
6. Result layout page, with editing feature
7. Students are assigned modules upon creation of a new student

Phase Two

1. Update Module Detail view to include Marking Overview details
2. Update Module Edit page to allow user to update marking overview and overview titles
3. Login Authorisation to Students and Lecturers with appropriate authority application
4. Students can upload link to assignment files whether it’s to their GitHub repository, Google Drive, Dropbox or any cloud storage system
5. Apply theme and artwork to project
6. Implement ability to add Assignment PDF per Module document for download

The project will be completed using the following technology:

1. Visual Studio 2015
2. ASP.NET MVC 5
3. Entity Framework
4. Microsoft SQL Studio Management Server
5. Azure

I have contacted the Christchurch lecturer Gary Dix to supply me with all the documentation that includes all the course module layouts as well as requested a copy of the current marking document.

I have enlisted mentoring from Gary Dix and the majority of the project will be complete onsite. I will also be using services as Stack Overflow and Google.

I am hoping to gain an in-depth knowledge of ASP.NET MVC/Razor, protocol to upload to server.

Project Schedule

Completion of Phase one by 11/12/2015

Projection of Phase Two completion 31/01/2016

Completion of initial Investigation

Submit Project Proposal 30/10/2015  
Database Design and UX Design Submission 04/11/2015  
Signed-off Design 06/11/2015

6 weeks - Implementation of signed-off design

Build relational database structure   
Build Student MVC – student detail page includes all enrolled modules assigned to student   
Build Module MVC  
Build Marking Tool View Page

Pull Module Code and Name from Module ID  
Pull Student FullName and ID  
Marking Overview Table  
Generate Rubric Table using Database  
Create update calls to database – Update Results, Enrolments and Achieved Elements

Build Result View Page - Edit option for lecturer – view only for student

Marking Overview Table  
Generate Rubric Table using Database  
Pull all student ID Module ID

Print option for Assignment page – phase 2   
Download button for Assignment PDF – phase 2

4 weeks – Implementation continued

Lecture Landing page/home page

User Access:

Students per city/campus  
 Create/Edit/Delete Students  
 Create/Edit/Delete Modules  
 Use Online marking tool to update results and achieved elements

Structure Diagram?

Database Diagram

Photos of notes and design process

Issues:

(insert old database table) (insert new database table)

I had to redo the database tables for AchievedElements and MarketingScheduleOverview which will cut down significantly on repeated code as well as simplifying the database insert for achieved elements per result. I am pleased that I did make the decision to do this as it will save a lot of coding time. This took me about 1.30 hours to update and introduce back into my project.

I’ve also learned that it is really important to finish off a task and write down ideas as they come up to implement after

I’ve created partial views for my rubric rows as this will be used in three view edit, mark and view. Future fix for this repetitive code is to reconsolidate the database as I have done with the achieved elements and marking overview

Phase 2

1. Create Query that sets up all modules for each student when student is created
2. Edit page where you can edit student modules assigned
3. Edit module overview list and titles on one page
4. Create Student Login – allow student to download assignment and view results
5. Create Lecturer login – allow control over student details, module details and marking schedule
6. Assignment submission
7. Simplify Rubric database table for ease of use. This will also cut down on repetitive code when I use these in the views.
8. Upload assignment PDF
9. Student Access:
10. Student details  
    Download Module Assignment PDF  
    Upload Assignment Submission URL  
    View and Print Assignment Result online