

# CCSE PROJECT MANAGEMENT SYSTEM

MILESTONE 3  
Report

IT 4983 : IT  
CAPSTONE  
SPRING 2020

April 16th, 2020

Devin Greene

Wendy Claver

Syed Ahmed

Faith Kinchen

# Agenda For Milestone 3 Report

- ❖ Project Summary
- ❖ Milestone Assessment
- ❖ Gantt Chart
- ❖ Contributions
- ❖ Challenges

# Project Summary I

The team has completed the project. We have fulfilled the overall goals of creating a database repository, and the accompanying GUI. We have also completed the goal of editing Data and running reports. We also implemented a basic version of Role Based Access that is handled at the portal into the GUI. We have gathered documentation and began or final report.

- ❖ Database design
- ❖ Project management system database
- ❖ Graphical User Interface design
- ❖ Documentation
- ❖ Role Based Access
- ❖ PDF handling

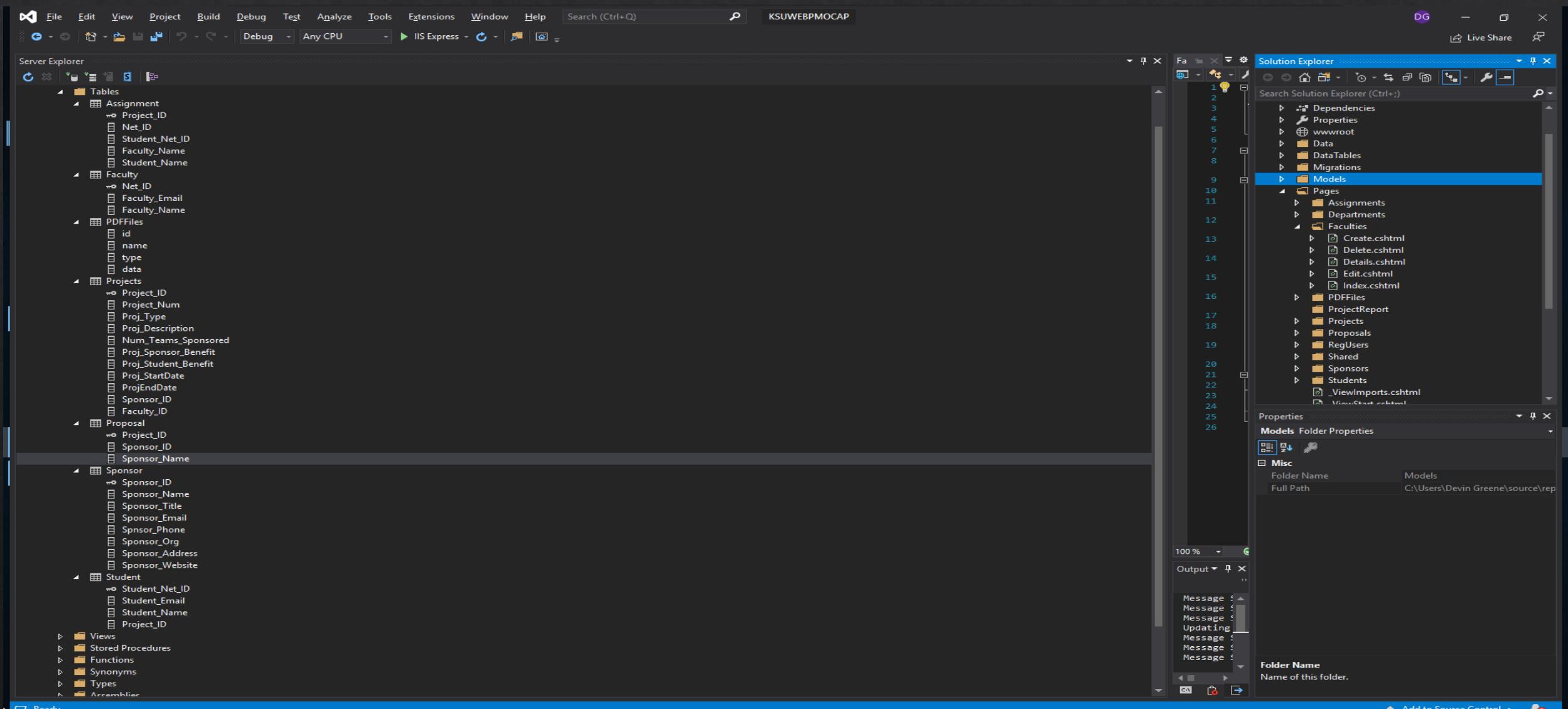
# Project Summary II: Accomplishments

- ❖ Adding final tables to Database in Visual Studio
- ❖ Linking Portal to correct tables for Role Based Access
- ❖ Finished creation of GUI in Visual Studio
- ❖ Finished creation and implementation of web portal using Visual Studio
- ❖ Implementation of basic Role Based Access control
- ❖ Implementation of PDF handling

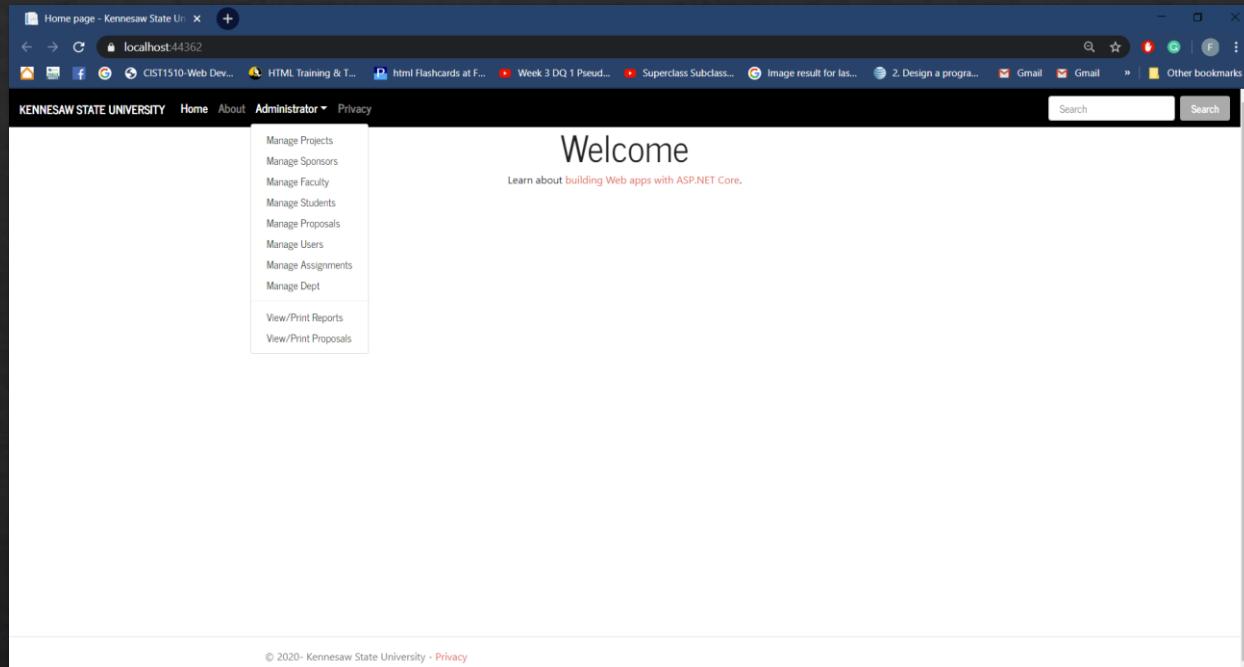
# Milestone 3: Assessment

- ❖ Database creation and table linking - complete
- ❖ Implementation of GUI in Visual Studio – Complete
- ❖ Web page portal – Complete
- ❖ Implementation of Role Based Access – Complete
- ❖ Implementation of Reporting - Complete
- ❖ Update Gantt Chart- completed

# Final Database



# GUI



The screenshot shows a web browser window titled 'Edit - Kennesaw State University' at 'localhost:44362/Projects/Edit?id=1'. The title bar includes standard browser controls and the URL. The main content area is a form titled 'Edit Project' with fields for Project\_Num (001), Proj\_Type (RS-G), Num\_Teams\_Sponsored (5), Project\_Description (Bioinformatics and Functional Genomics), Proj\_Sponsor\_Benefit (SponsorBenefit1), Proj\_Student\_Benefit (StudentBenefit1), Proj\_hasNDA (checked), StartDate (06/16/2020), EndDate (11/20/2020), and Sponsor\_Name (SponsorName1).

# Web Portal

A screenshot of a web browser window titled "Home page - PMO Online Portal" showing the PMO Login page for Kennesaw State University. The URL in the address bar is "localhost:44302". The page features the Kennesaw State University logo and navigation links for "PMO Login Portal", "Home", and "Register". The main content area is titled "PMO Login" and includes a sub-instruction "Please select user type." followed by three buttons: "Faculty", "Student", and "Sponser". At the bottom of the page, there is a copyright notice: "© 2020 - RazorPMO - [Privacy](#)".

# Reporting

Index - Kennesaw State University

localhost:44362/ProjectReport?sortOrder=Project\_Num

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## Report Review

Create New

Filter By Project Num:  Search | Back to full List

Project_Num	Proj_Type	Project_Description	StartDate	Sponsor_Name	Faculty_LastName	
005	CH_G	Description5	9/12/2020	Kathrine Little	Faculty5	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
004	CP-G	Description4	5/14/2020	Parker James	Faculty4	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
003	RS-G	Description	8/26/2020	Miranda Dimples	Faculty3	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
002	CSP-G	Description2	2/28/2020	Decland Bowder	Faculty2	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
001	CH_G	Description1	5/22/2020	Peter Pressly III	Justice	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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localhost:44362/ProjectReport

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## Report Review

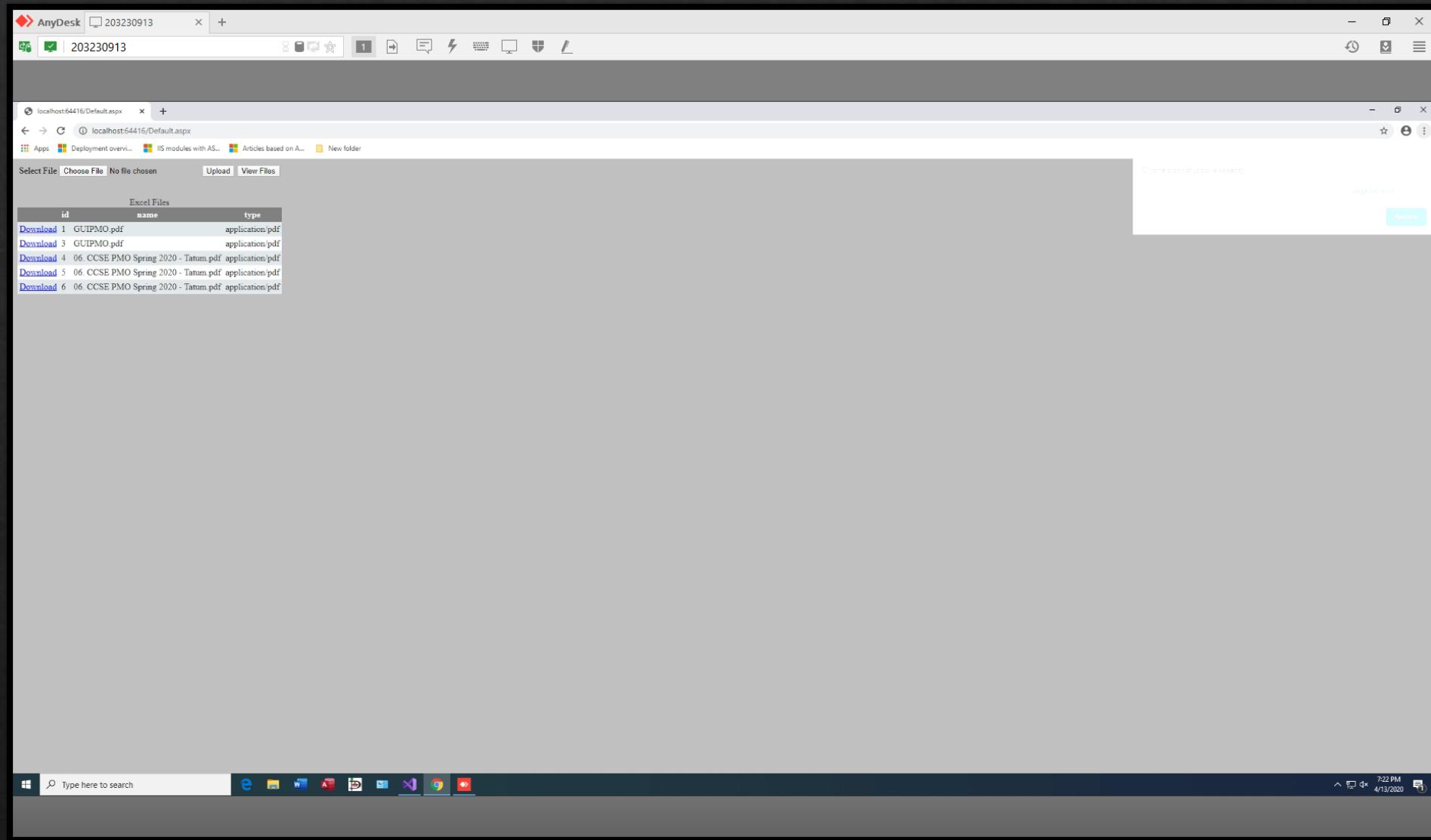
Create New

Filter By Project Num:  Search | Back to full List

Project_Num	Proj_Type	Project_Description	StartDate	Sponsor_Name	Faculty_LastName	
001	CH_G	Description1	5/22/2020	Peter Pressly III	Justice	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
002	CSP-G	Description2	2/28/2020	Decland Bowder	Faculty2	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
003	RS-G	Description	8/26/2020	Miranda Dimples	Faculty3	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
004	CP-G	Description4	5/14/2020	Parker James	Faculty4	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
005	CH_G	Description5	9/12/2020	Kathrine Little	Faculty5	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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# PDF Handling





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L27	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Project Name:	CCSE PMO Spring 2020																			
2	Report Date:	26-01-20																			
3						Milestone #1			Milestone #2			Milestone #3									
4	Deliverable	Tasks	Complete%	Current Status	Memo	Assigned To	Jan-26	Feb-02	Feb-09	Feb-16	Feb-23	Mar-01	Mar-08	Mar-15	Mar-22	Mar-29	Apr-05	Apr-12	Apr-19	Apr-26	
5	Research	Interview users	100%			Devin	4														
6		Gather Data	100%			Devin	4														
7		Analyze Q&A	100%			Syed, Wendy	2														
8																					
9	Database Design	Configuring workspace	100%			Wendy	5														
10		Creation of Table structure	100%			Team	10	5	4												
11		Creation of Database	100%			Team		10	10	3											
12		linking of required tables	100%			Faith, Devin		8	8	4											
13		Creation of report methods	100%			Syed, Wendy			8	8	4	4	4	2							
14		Testing	50%			Syed, Devin		5	5		6	4	8								
15		Documentation	25%			Team			4	4	4	3	5	10				4	2		
16																					
17	GUI Implementation	Determine GUI buttons	100%			Devin			6	4	4	2									
18		Creation of GUI	50%			Devin, Wendy		4	6	5	6	6	8								
19		Role based Access	0%			Team				5	5	5	5	5							
20		Testing	0%			Faith, Syed			5	5	5	5	10	4	6						
21		Documentation	0%			Team		1	2	2	4	6			8	10					
22																					
23	Final report	Creation of Powerpoint	0%			Devin									5	5	10	2			
24		Creation of final report	0%			Team									5	10	10	5	5		
25		Presentation preparation	0%			Team											5	10	10		
26		Formal presentation	0%			Syed, Devin, Wendy													10		
27		Final report submission	0%			Devin													5		
28																					
29		Total workload	428				25	20	31	34	39	32	39	34	33	30	41	30	15	25	

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*Legend*

This document is subject to change.

# Project Experience

- ❖ Challenges:
  - ❖ Creating Organized and intuitive GUI's
  - ❖ Implementing Role Based Access concepts in SQL
  - ❖ Joining three or more tables in a SQL query
  - ❖ Database layout to facilitate the Joining of multiple tables
  - ❖ Understanding how to best manipulate PDFs in a database
  - ❖ Deciding between an in app or web-based GUI
- ❖ Lessons:
  - ❖ How to join four or more tables in SQL
  - ❖ Different options for Roles Based Access in SQL
  - ❖ Implementation of Razer pages
  - ❖ Implementation of ASP.Net core framework

# Contributions

- ❖ Wendy Claver:
  - ❖ Creation of Web Portal
  - ❖ Implementation of Roles Based Access
- ❖ Faith Kinchen:
  - ❖ Creation of GUI
  - ❖ Creation of Reporting functions
- ❖ Syed Ahmed:
  - ❖ Upkeep of Project Website
  - ❖ Upkeep of Database
  - ❖ Handling of PDF documents
- ❖ Devin Greene
  - ❖ Creation of SQL scripts
  - ❖ Documentation
  - ❖ Creation of Database

# Other Issues

- ❖ Distribution of roles – complete
- ❖ Handling of PDFs in SQL – complete
- ❖ Implementing RBAC in a potentially changing system – complete
- ❖ Combining work from across teammates to one solution – in progress