

Introductory Project Document for MyCRM

Introduction

MyCRM is the third project I delivered during my internship. This document aims to give an understanding of MyCRM to my responsables in İzmir University of Economics and to my place of internship, Unipa. Entire work belongs to me and done for Unipa.

MyCRM is a CRM application which serves for four types of users: Employee, Client, Admin and DepartmentManager.

Employee's can work on tasks, update and close them.

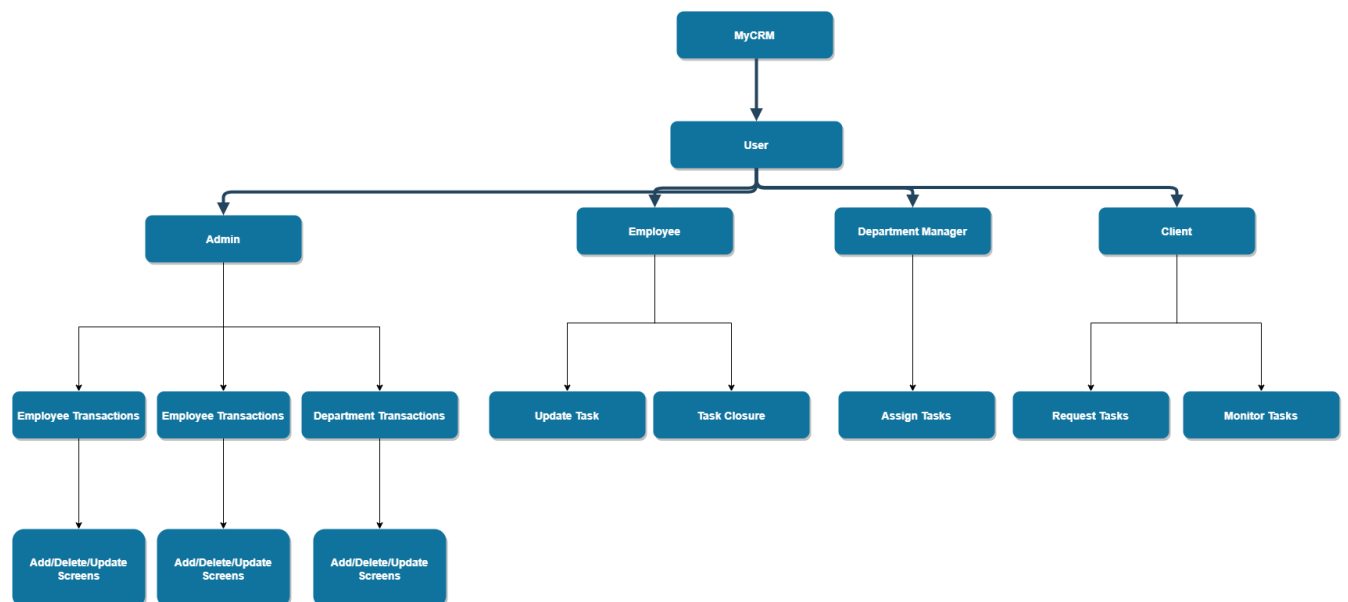
Client's can request and monitor tasks.

Department Manager's can assign tasks to the Employee's

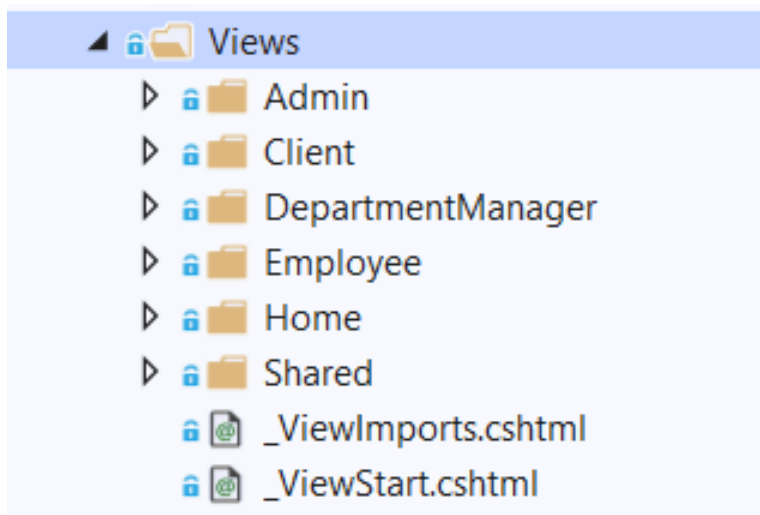
Admins can Add/Delete/Update Employee's, Departments and DepartmentManager's

Check the source codes : <https://github.com/solidbaki/Unipa.MyCRMApp.Project3>

GUI Hierarchy



Screenshots and folder structure of views



Below screenshots belong to the Admin

Admin Panel

Welcome to admin panel. All admin functionalities can be reached from here

[Department Transactions](#)[Employee Transactions](#)[Manager Transactions](#)

Admin Panel - Department Section

Welcome to the departments panel. You can add, delete or modify departments here

[Add Department](#)[Delete Department](#)[Modify Department](#)

Add New Department

Department Name

Department Manager

Delete Department

Delete Existing Department

Department Name

Update Department

Update a department by it's name

Current Department Name

New Department Name

Admin Panel - Employees Section

Welcome to the employees panel. You can make employee transactions here.

Modify Employee

Change Employee's Department

Change employee's department by his/her ID

Employee's ID

Enter employee ID

Modify

Admin Panel - Managers Section

Welcome to the managers panel. You can add, delete or modify manager informations here

Add Manager

Delete Manager

Modify Manager

Add New Manager

Manager Name

Enter manager's name

Manager's Department

Enter manager's department

Submit

Delete Manager

Delete existing manager from the system

Manager Name

Enter manager name

Delete

Update Manager

Update a manager by it's name

Current Manager Name

Enter current manager name

New Manager Name

Enter current department name

Update

Below screenshots belong to Client

Client Panel

Welcome to the client panel.All client functionalities are available here

Request Task

Monitor Task

Request a Task

Clients can request a new task here

Task Name:

Task Description:

Task Category ▾

Request

Monitor a Task

Clients can monitor current status of their tasks here

Task ID

Enter task ID here

Show

Below screenshots belong to Employee

Employee Panel

Welcome to employee panel. All employee functionalities can be reached from here

[Update a Task](#)[Task Closure](#)

Update Task

Employees can update a task here, and needs to add a description about the update

Choose a task to close:

Updated tasks description:

[Update task](#)

Task Closure

Employees can close a task here, adding a description is **necessary**

Choose a task to close:

Task closure description:

[Close task](#)

Below screenshots belong to the DepartmentManager

Assign a Task

Department Managers can assign a task to their departments employees here

Choose a task to assign:

Choose the employee to set on the task:

[Submit](#)

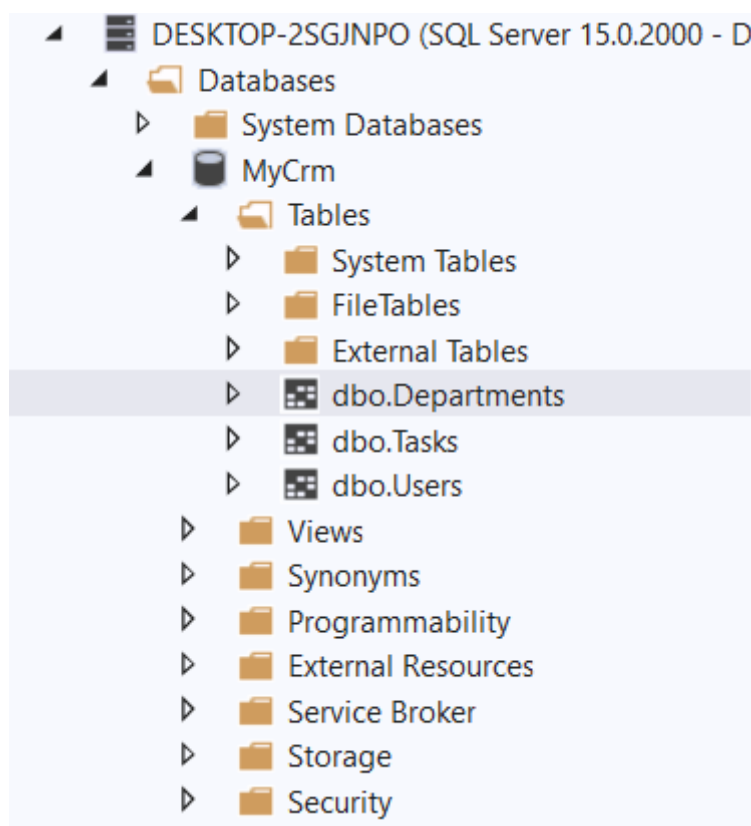
Department Manager Panel


Welcome to department manager panel. All department manager functionalities can be reached from here


Assign a Task


Database Design

MyCRM system has three database tables for Departments, Users and Tasks. Below are the screenshots of the structure of tables and folder structure of database.



	Name	Data Type	Allow Nulls	Default
	DepartmentId	int	<input type="checkbox"/>	
	DepartmentName	varchar(50)	<input type="checkbox"/>	
	DepartmentManager	varchar(50)	<input type="checkbox"/>	
			<input type="checkbox"/>	

	Name	Data Type	Allow Nulls	Default	
	UserId	int	<input type="checkbox"/>		
	FullName	varchar(50)	<input type="checkbox"/>		
	Authentication	tinyint	<input type="checkbox"/>		
	Tasks	varchar(250)	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

	Name	Data Type	Allow Nulls	Default	
	TaskId	int	<input type="checkbox"/>		
	TaskName	nchar(10)	<input type="checkbox"/>		
	TaskDescription	nchar(10)	<input type="checkbox"/>		
	IsClosed	bit	<input type="checkbox"/>	((0))	
	Updates	varchar(MAX)	<input checked="" type="checkbox"/>		
	TaskDepartment	varchar(50)	<input type="checkbox"/>		
			<input type="checkbox"/>		

What's Next?

1. User authentication is necessary and should be added on later versions
2. Employee and department manager views needs to should work properly
3. Unit testing would be helpful to detect current defects in the system.
4. Project can be configured to web on later versions

Conclusion

To conclude, I could come up with a CRM system using .Net Core MVC Framework, even though there are some missing functionalities/requirements due to lack of time. I learnt quite much about web developing particularly Bootstrap, jQuery and .Net Core MVC.