

School Management system



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S20-0273 , S20-0257

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CERTIFICATE

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We accept this dissertation as conforming to the required standards

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Dedicated to

This work is dedicated to respected teacher sir Sadaqat Ali, for their countless efforts to make us a good Human , and good software developer.

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ABSTRACT

SCHOOL MANAGEMENT SYSTEM is the software developed for the Schools. This software makes easy to record data of Students and Employees/Workers .

It has a login info and different buttons for operator School record , adding and viewing record.

If we click on button we will get the record of Student Name , CNIC, Total fee, Remaining fee, Class , Past School and Academic record and for Employee we can save and view Employee previous record , Academic record , pay and other personal information.

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Chapter 1

Introduction:-

We worked in SMS (School Management System) , before talk about this , first I tell you that how it is difficult to someone to record or save the data . means it is very difficult we cant imagine , because a human brain cant do different task at a same time. So I purposed a software with the name of SMS where we will save the data of the Students , Employees and how to assign the record ..

I put different Funcations in Different buttons . I drag down fours buttons

1 Adding Student Record

2 Adding Employee Record

3 Viewing Student Record

4 Viewing Student Record

Before accessing these Buttons I put a LOGIN form for the ADMIN to access the next form for different operation in software .

Architectural: merely lays out the general requirements that would motivate the existence of a routine. A good architecture document is short on details but thick on explanation.

User: describes how the software is used.

Code: text attached intended to explain various operations. This writing can be highly technical and is mainly used to define and explain the APIs, data structures and algorithm.

Design: takes a much broader view and emphasize on WHY the concerned software is designed in that manner.

Chapter 2 :-

Existing Systems

This system saves the time of the USER and of the administrator. It includes process like registration of the student's details, assigning the department based on their course and maintenance of the record.

This system reduces the cost and workforce required for this job. As the system is online the information is globally present to everyone. This makes the system easy to handle and feasible for finding the omission with updating at the same time.

As for the existing system, they use to maintain their record manually which makes it vulnerable to security. If filed a query to search or update in a manual system, it will take a lot of time to process the query and make a report which is a tedious job.

MODULES OF SCHOOL MANAGEMENT SYSTEM

The system has a different segment to process a specific task which is the modules. This will help the system to developed easily and makes it more user-friendly.

The modules of the project are: -

Login Module: -

This will help users to login into the system using id and password. A user who has the valid id and password can only login to their respective accounts.

It will help the authentication of the user who enters the system. The module provides a layer of security over the system as only authorized personnel can login into the system.

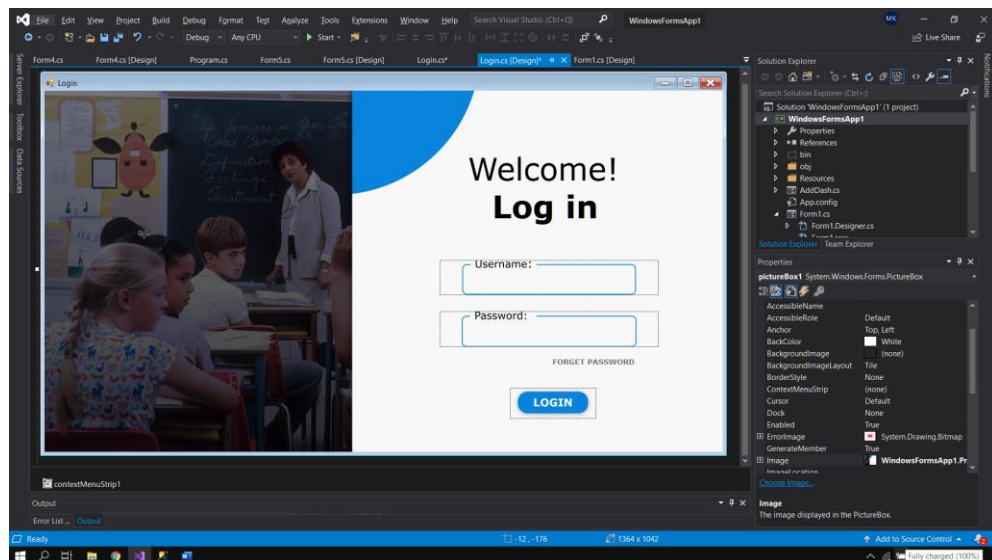
This prevents from any anonymous person to enter the system and mishandle the records. It is better than the manual method as they do not have any security measure of who can access the system and who cannot

Chapter 3

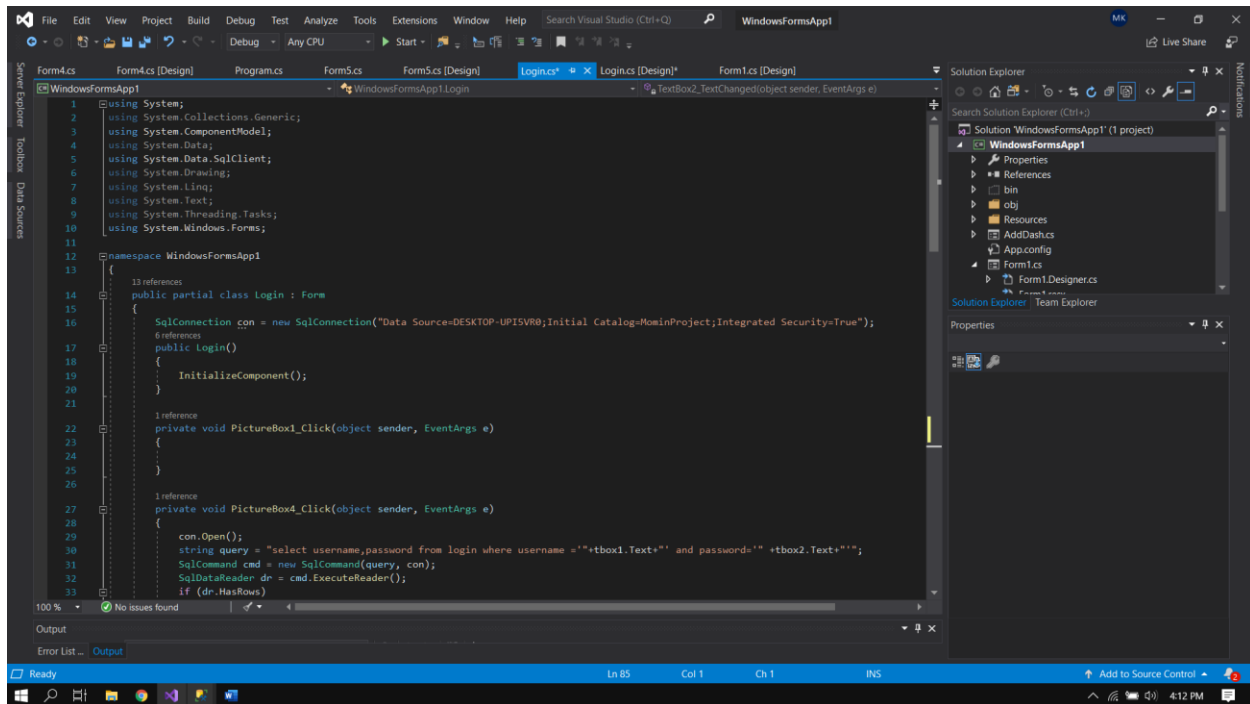
Proposed Work:-

First I will tell you how I will access my software main form. I will access this through login form. I will put username and password and system will match the data from database if it will match then it will give access.

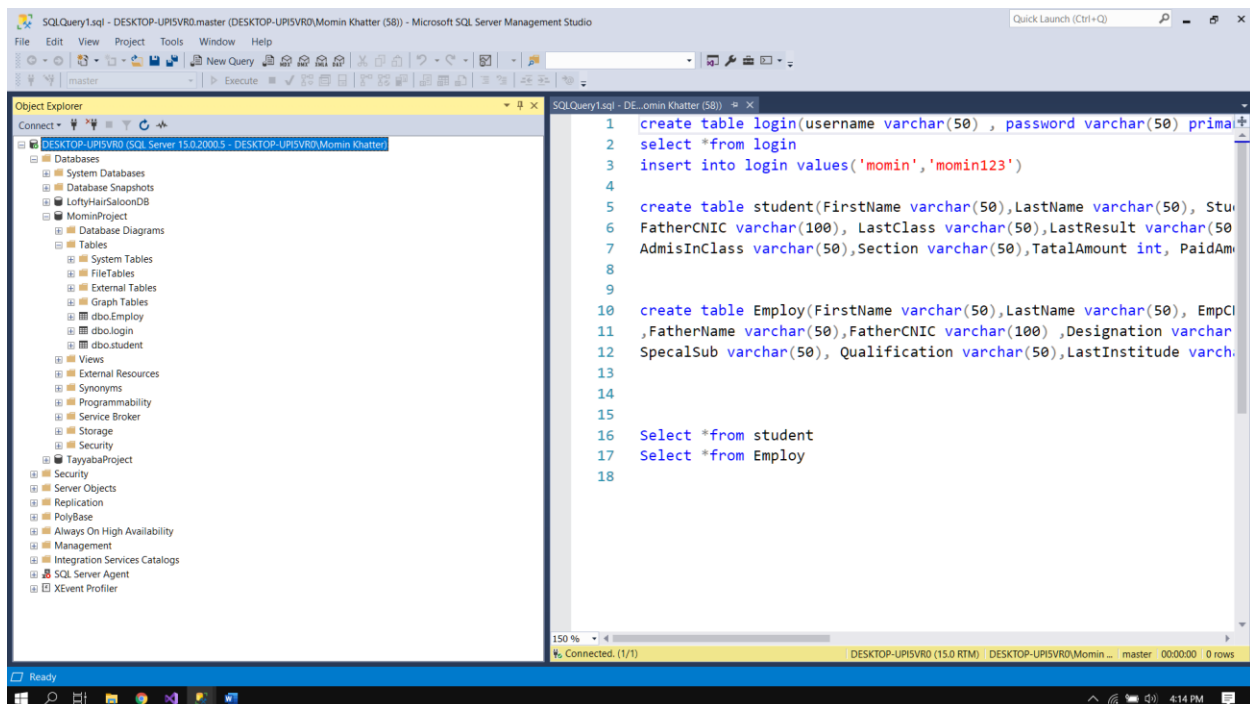
The Software which I used for Development is VISUAL STUDIO and Database is Microsoft SQL server.



Here is just the UI and how the functions work is due to syntax



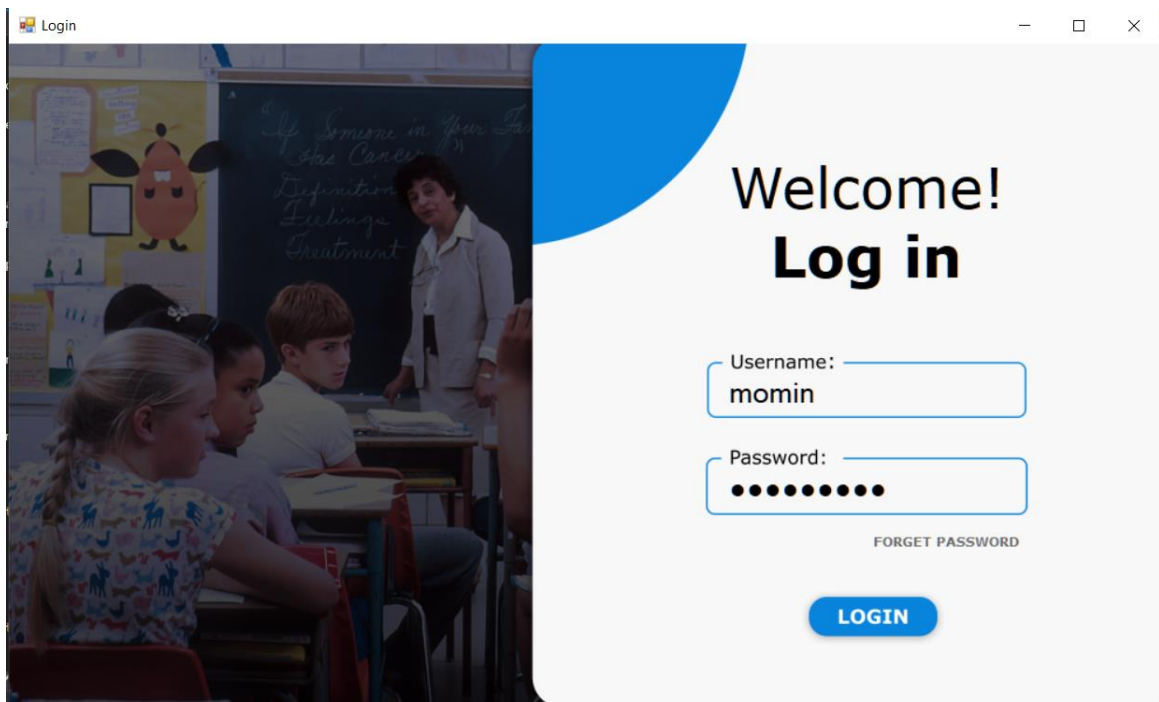
Here is backend view this system worked



Here is pictures of the database where all the results or data is matched

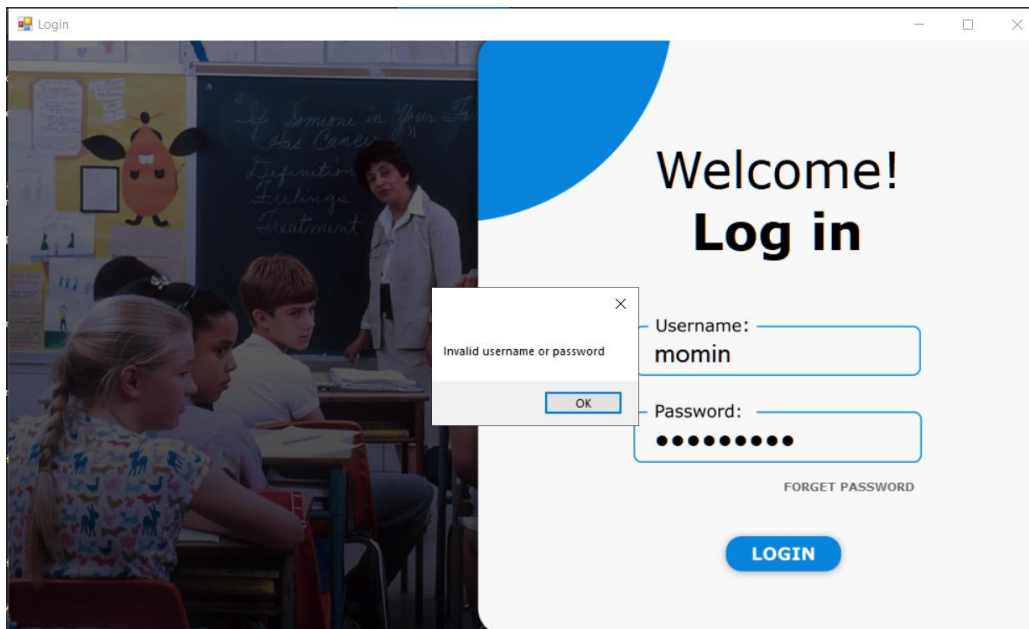
Chapter 4

Validation

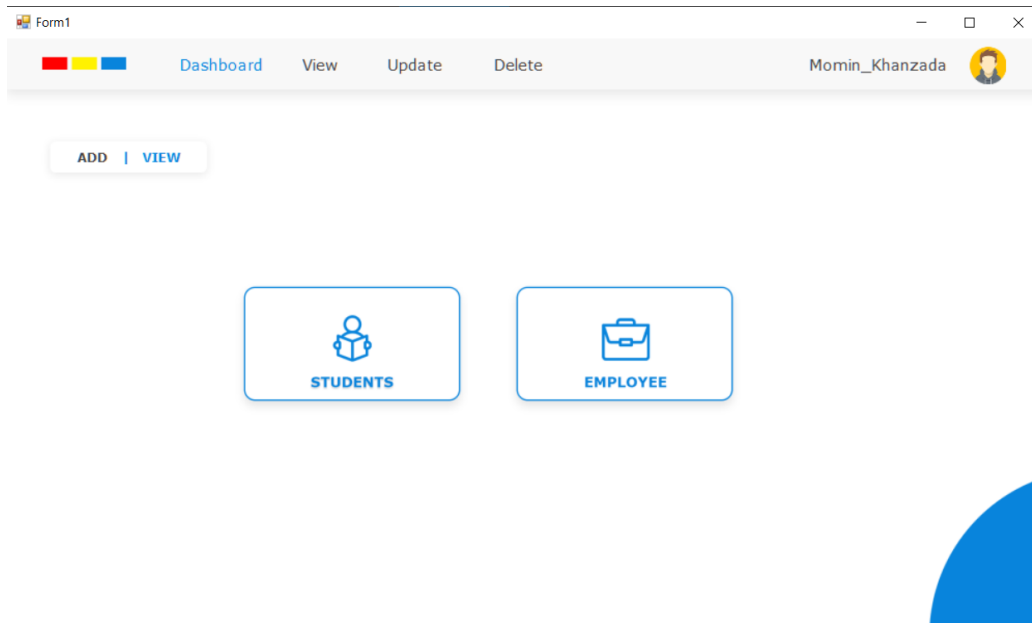


When a start my software a login form appears I put username and password to access my next form I simple clicked on login ...

Here it matches the data from database if it true then it will open next form if false then it will display message



Now I put exact user name and password then next activity will work



By clicking on login I accessed the next activity here .here are four buttons are used all the buttons have diff functionality

1 first I will Select the add button and then clicked the Student button to add Student Data.

Form3

Dashboard View Update Delete Momin_Khanzada

Adding Student Record

First Name: Momin Date of Admission:

Last Name: Khan Admission in Class:

Student CNIC: 5546 Section:
B
C
D

Father Name: Total Amount:

Father CNIC: Paid Amount:

Last Class: Remaining Amount:

Last Result:

Last School:

SAVE CANCEL

Here we will save the Student record .By clicking save button all the record will be saved in the database in the form of the table

Form3

Dashboard View Update Delete Momin_Khanzada

Adding Student Record

First Name: Momin Date of Admission: 2021,02,02

Last Name: Khan Admission in Class: 10th

Student CNIC: 5546 Section: C

Father Name: Liaqat Total Amount: 50000

Father CNIC: 564651 Paid Amount: 35000

Last Class: 9 Remaining Amount:

Last Result: 81%

Last School: Scholars

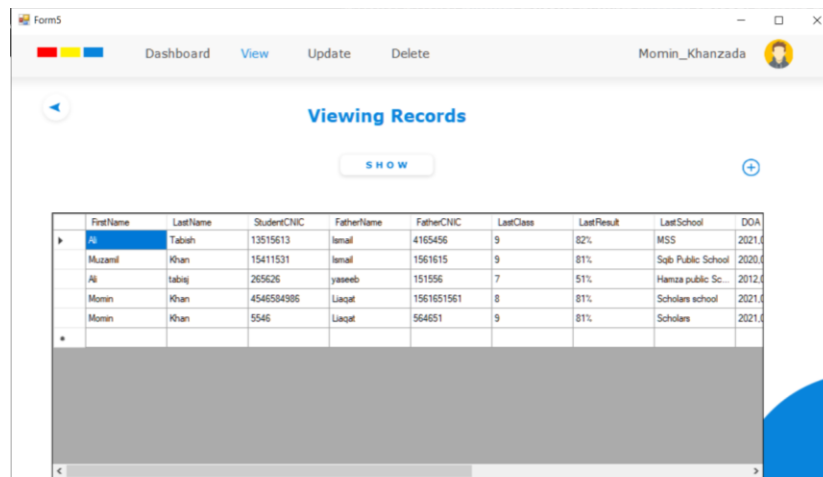
SAVE CANCEL

OK

Sucesfully registered

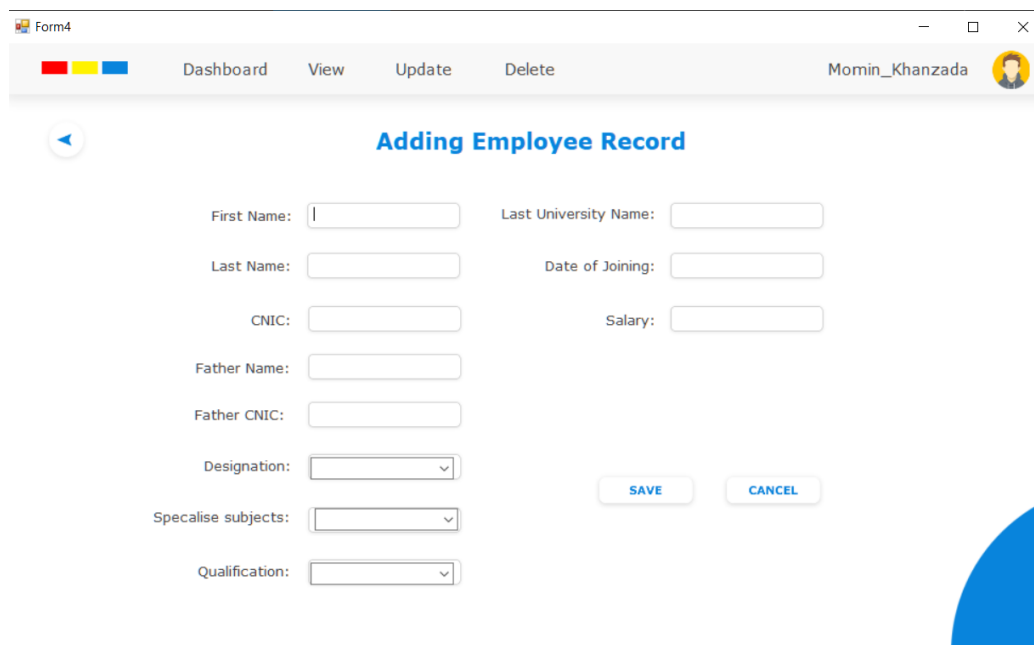
as the data have been saved ...I will click on the back button then go to other button

now I will View my student record by clicking on view and student button.



First Name	Last Name	Student CNIC	Father Name	Father CNIC	Last Class	Last Result	Last School	DOA
Ali	Tabish	13515613	Imam	4165456	9	82%	MSS	2021
Muzamil	Khan	15411531	Imam	1561615	9	81%	Sgb Public School	2020
Ali	tabish	265626	yaseeb	151556	7	51%	Hanza public Sc	2012
Momin	Khan	4546534386	Liaqat	1561651561	8	81%	Scholars school	2021
Momin	Khan	5546	Liaqat	564651	9	81%	Scholars	2021

Now I had Select the Add and Employee button to Add the Employee record in database



Form4

Dashboard View Update Delete Momin_Khanzada

Adding Employee Record

First Name: Last University Name:

Last Name: Date of Joining:

CNIC: Salary:

Father Name:

Father CNIC:

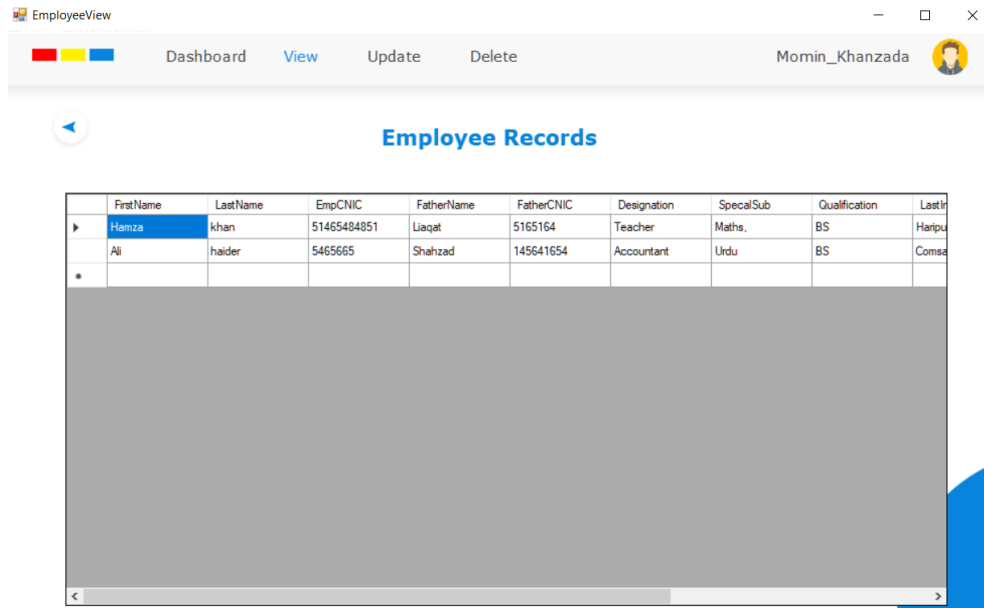
Designation:

Specialise subjects:

Qualification:

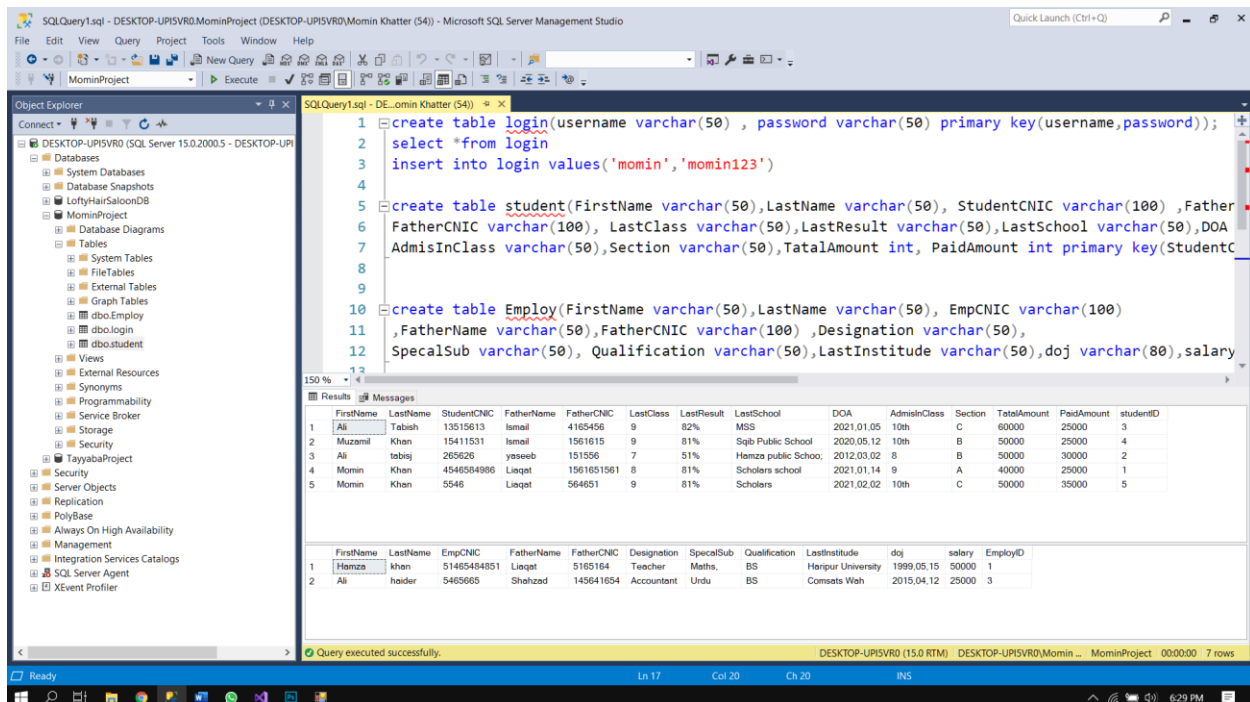
by clicking on save button record will saved

Now I will had gone back by clicking the back button and then Select the View button and Employee Button to show the Employee record.



This is all about to visual studio

Now we will discuss about the Database it has diff tables



Chapter 5

Conclusion and Future Work

5.1 Conclusion :-

It is concluded that the SMS is software which can help many School Business. You can do whatever you want , what you want . we have define only four functions but can do many its up to the need and desire .

5.2 Future Work :-

In future I will add more things to it with more Functions and good user interface .And to resumes my future research from here with more advance features .