

INTERNSHIP ON WEB DESIGN AND DEVELOPMENT

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project titled “**Web Design and Development**” submitted by Md. Mostak Ahmed, ID No: 201-15-13787 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfilment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation was held on date: 19-January-2023.

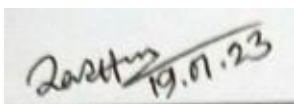
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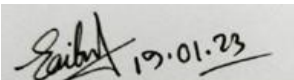
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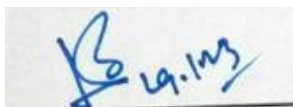
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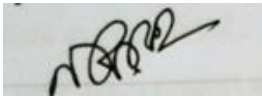
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External Examiner

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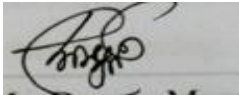
I hereby declare that, this internship report has been done by **MD. Mostak Ahmed** ID No: 201-15-13787 to the department of Computer Science and Engineering, Daffodil International University. Under the supervision of **Mr. Narayan Ranjan Chakraborty** Associate Professor, Department of CSE, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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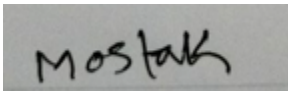
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ABSTRACT

This internship is titled "Internship on Web Design and Development." It has been a great experience working as a web developer during the period of my internship. Different small and large projects have been done, which have provided experience in teamwork. The working procedure, communication, and maintenance of a huge team are also discussed in this report. A web developer's responsibility, cooperative working, and work ethics are also discussed. Working as a web developer, I got to work with html, css,sql server, asp dot net core, and Word Press, along with a lot of the latest technology, like those also discussed in this report. Because development occurs in stages, which stage and specifically what I worked on are also discussed. I have had a chance to manage an MVC Crud operation and have also developed a lot of other Crud operations, which are also discussed. There is also discussion about becoming a backend web developer after gaining knowledge of frontend and mainly backend development.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Web design is the planning and creation of websites, Design is a key part of website design. Skill is combined with design principles to build a website that satisfies the objectives of the business or person for whom it is being created. There are numerous roles in website design, including html, CSS, java, SEO, content, and Asp.net core. An internship is one kind of job opportunity offered by an organization. It is an opportunity to gain industrial experience prior to starting a job. One can join as an intern during his or her study period. Sometimes interns get paid, sometimes not. But one thing they must get. And that industrial experience will assist him/her in better understanding the industry and making a career decision. After all, a person cannot understand what a job is unless he/she has worked in that environment. Internships can be as short as a week or as long as 12 months. It totally depends on the organization. Internships offer students the opportunity to link their theoretical knowledge to dynamic real-world environments. In the courses, we learn a lot theoretically about various sectors, but the experience we have in lab courses is not enough. And if we talk about real world experience, we do not get it at all. For this reason, we need to face various challenges when we start our career. In this sector, internships help us a lot to cope with the industrial environment very quickly. While studying, we set a career goal based on our knowledge gained from academic study, some suggestions from experienced professionals, and sometimes the demand for that specific field. But when we do an internship, we get in touch with the real environment, which makes us think about the career again. Sometimes it helps to change the decision.

Internships also have a long-term effect on our careers. A recent survey has shown that internships do create jobs for graduates. Therefore, if the internship is in a undergraduate program and the students are able to return to the academy after completing their internship,

The skills they learned during the internship period will help them achieve a successful educational outcome. It will add extra value to the experience. Another very important advantage is you will have industrial experience before completing the graduation. So those who do internships are always considered one step ahead from other competitors. And this gives them an extra priority in various job interviews.

1.2 Motivation

The web design and development industry presents many career-related challenges. My internship has taught me the skills I need to work in web design and development. My internship also educates me whether or not I'm ideal for the design sector of development. The eight (8) hours of job experience I receive from the internship will be very helpful to me after I finish my studies. Internships are one type of employment. I'll learn a lot from this three-month internship that will help me greatly in my future professional life. The fastest-growing sector in the global economy is web development. In order to solve various issue statements for your clients or for your profession as a web developer, you encounter several challenges in your day-to-day existence. Being motivated and focused might be challenging because of the everyday demands and stress of the workplace. Today, we'll share some advice with you on how to maintain your enthusiasm and drive for your area of interest. As a developer, blogging is another venue that supports both professional and personal growth because it allows you to share real-world experiences and difficulties you've had working on new projects. The young developers who can benefit greatly from this, The ability to write about your practical experiences as a developer and the difficulties you encountered when attempting new tasks on a blog is another platform that supports your professional and personal growth as a developer. The junior developers who are having the similar issue as you could find this to be of great assistance. Even though blogging can help you make money, you shouldn't rely on it at first. Instead, use it as a side hustle to help those who are more junior to you or just starting out in web development.

1.3 Internship Objectives

You'll have the chance to enhance your leadership, teamwork, and web development abilities. Your duties as an intern will involve correcting bugs and problems, creating website layouts, creating email marketing campaigns, and working with others on various projects.

Find attractive training resuming skills on the list below:

- Will help to set up a professional employer.
- Will get leadership and work of the team.
- Start learning more about Web Design And development.
- Get a better understanding of How designing in web page.
- Implement professional skill well.
- Know my duties and duties well.

1.4 Introduction to the Company

Pinovation Tech Ltd is a Private Limited Company and is an independent ERP development company of Bangladesh. In 2010, our Chairman started Pinovation Tech Ltd. with only 2 employees and from there, we didn't look back. Now, we are one of the very few companies who are pioneers of Enterprise Resource Planning Software's. We have currently 80+ ERPs running in many reputed companies and for us, customer satisfaction has always been the priority. We believe, we are your IT partner and help you with every aspects of your business so that you can excel in your business. We understand your business and we customize our software according to your needs. From our inception we have developed business solutions to integrate & amalgate each department & its activities under a single solution. We are well known for our speedy Implementation of ERP & professionalism. Having our Software is like having your personal IT. Understand your current position from our excellent Reporting and Graphs. We help you decide what is best for your business to grow and expand.

1.5 Report Layout

In the chapter1: Introduction, motivation, internship object and introduction to the company

In the chapter2: company introduction Service and market situation.

In the chapter3: Daily Task and Activities, Aggregate function, View bag ,Viewdata, tempdata,DDL,DML,DCL,SQL,Design MVC Crud Operation,Student List and salary sheet.

In the chapter4: Competencies Earned, Smart Plan, and Reflections.

In the Chapter 5: Conclusion and Future Scope.

CHAPTER 2

INTERNSHIP ORGANIZATION

2.1 Company Introduction

Pinovation Tech Ltd. is a private limited company and is an independent ERP development company in Bangladesh. In 2010, our Chairman started Pinovation Tech Ltd. with only 2 employees, and from there, we didn't look back. We are now one of the very few companies that are pioneers of Enterprise Resource Planning Software. We currently have 80+ ERPs running in many reputed companies, and for us, customer satisfaction has always been the priority. We believe we are your IT partner and can help you with every aspect of your business so that you can excel in your business. We understand your business and we customize our software according to your needs. From our inception, we have developed business solutions to integrate & each department's activities under a single solution. We are well known for our speedy implementation of ERP & professionalism. Having our software is like having your own personal IT. From our excellent reporting and graphs, you can understand your current position. We help you decide what is best for your business to grow and expand. 13 years of experience, 15000+ active users, 80+ ERPs delivered, 24/7 Client Support.



2.2 Services and Market Situation

Web design, web design-related goods, and web design-related services are all examined globally in market research reports and industry analyses for web design and development. Key metrics are established and analyzed to examine market strategies, opportunities, and trends in the web design and web development industry. It may or may not be effective depending on the market.

The Web Design and Development industry includes freelance web designers and programmers, web design template businesses, custom website design and development services, sales of web domains and hosting, and web audio and video coding. Electronic trade, sometimes known as e-commerce, is the exchange of goods and services through the Internet. It incorporates a wide assortment of information, frameworks, and devices for Online merchants and buyers, including mobile shopping and online payment encryption. The majority of businesses who have an online presence use an online store and a platform to oversee coordinated aspects and customer happiness as well as to manage online company advertising and sales activities.

2.3 List of Products and Services

- Encourage seller to do business.
- Availability of Different type of product.
- Provides simple user interface for both customer and seller.
- Provides time efficient and secure both web and mobile app.

2.4 Target Group

Success as a freelancer greatly depends on knowing your target audience. It will be difficult for you to persuade small businesses who are cash-strapped and utilize Squarespace that you have something worthwhile to offer them. If you were to help them with their online presence, what you would need to offer them would not necessarily be a website but rather an attitude and vision on the future. Businesses engage in web work because they regard it as a long-term investment rather than as a way to risk losing money. You will need to

persuade companies who don't perceive it this way that the value you provide will pay off in the long run. Managing that discussion

- Who sells product
- Who buys product
- Who try to some startup business?

CHAPTER 3

INTERNSHIP TASKS AND ACTIVITIES

3.1 Internship Task and Activities

I am entering in the system by login. Some process like seller request website setting product information, Seller information, Guest information Delivery charge information, offer setup, order report etc. Here I am approving a seller product, manage product offer. And i can also create an order report with a particular time and date. Seller can enter in the system by login and he can see package information and any instructor can add a package, add a product and add a offer. And he can also create package sold report with a particular time and date.

SQL Server

SQL Standard query language accessing and manipulated database, SQL became a standard of the American National Standards Institute in 1986, and of the International Organization for Standardization in 1987. Any SQL query is not basically related to performance, but when it comes to being utilized in large fields and in significant quantities, the issue with performance is always there. The only way to deal with these problems is for the query to explicitly state what it is doing and how long it will take to complete that operation. And if any data analysts are aware of how it functions, they could be able to greatly improve the query. Create the Table from database and Database name Student info.

Create the Table from database: `select*from Student Info`

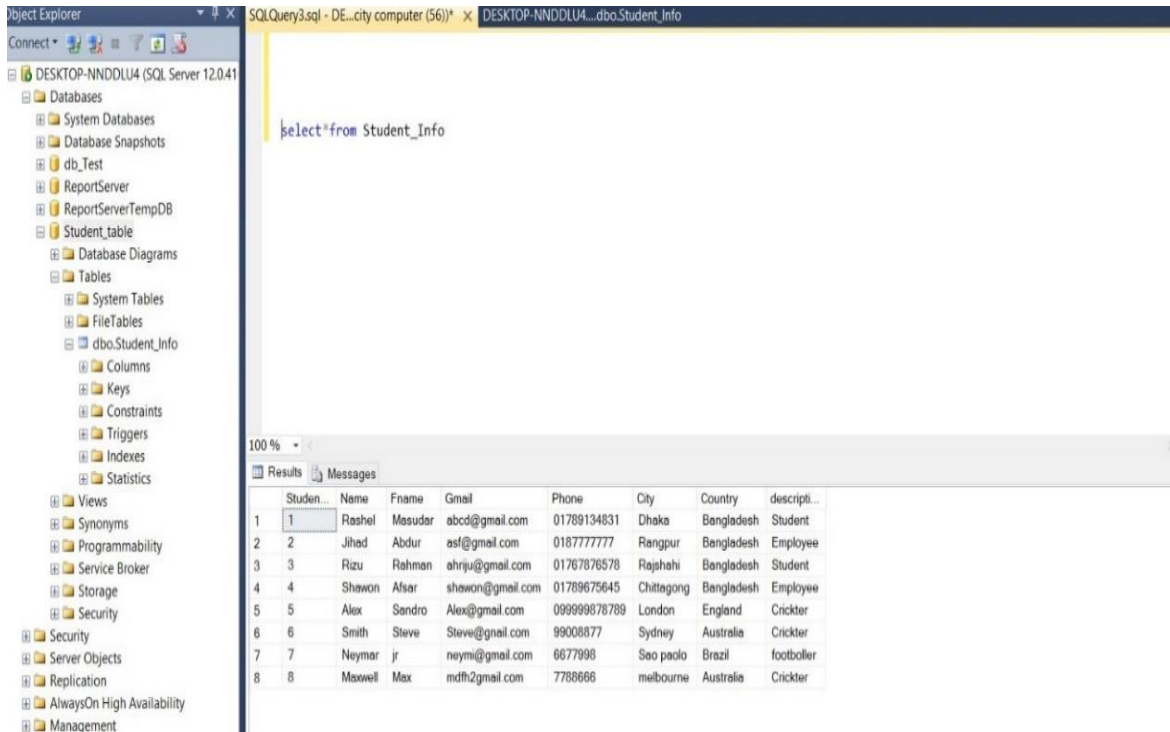


Fig:3.1.1 Table from database Student info

Table name Student Info Use in SQL Where

If you want to utilize SQL to work with data, you must become proficient with the WHERE clause. It is undoubtedly one of the most fundamental and important SQL constructs to understand.

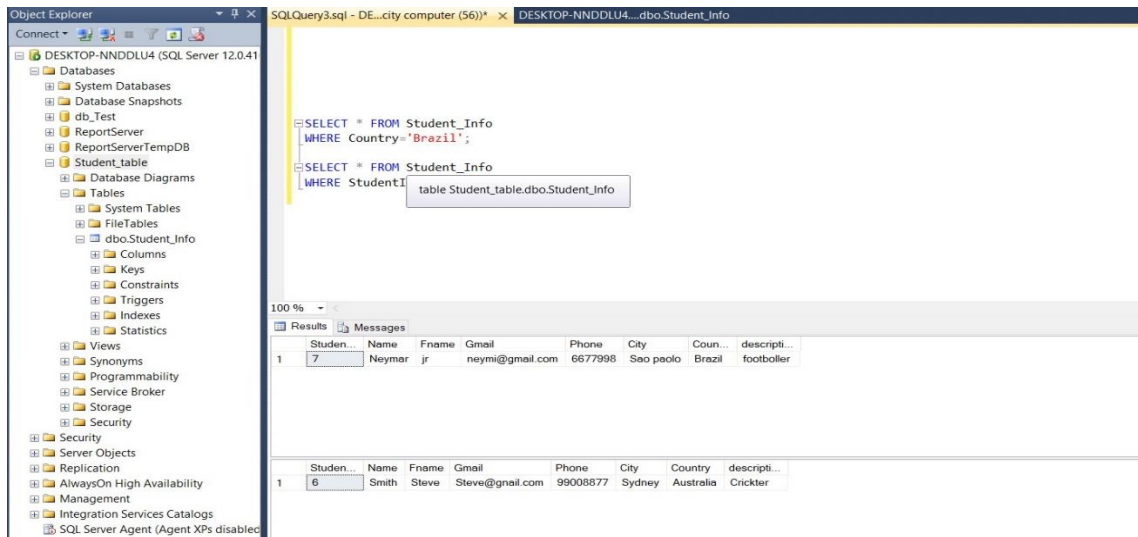
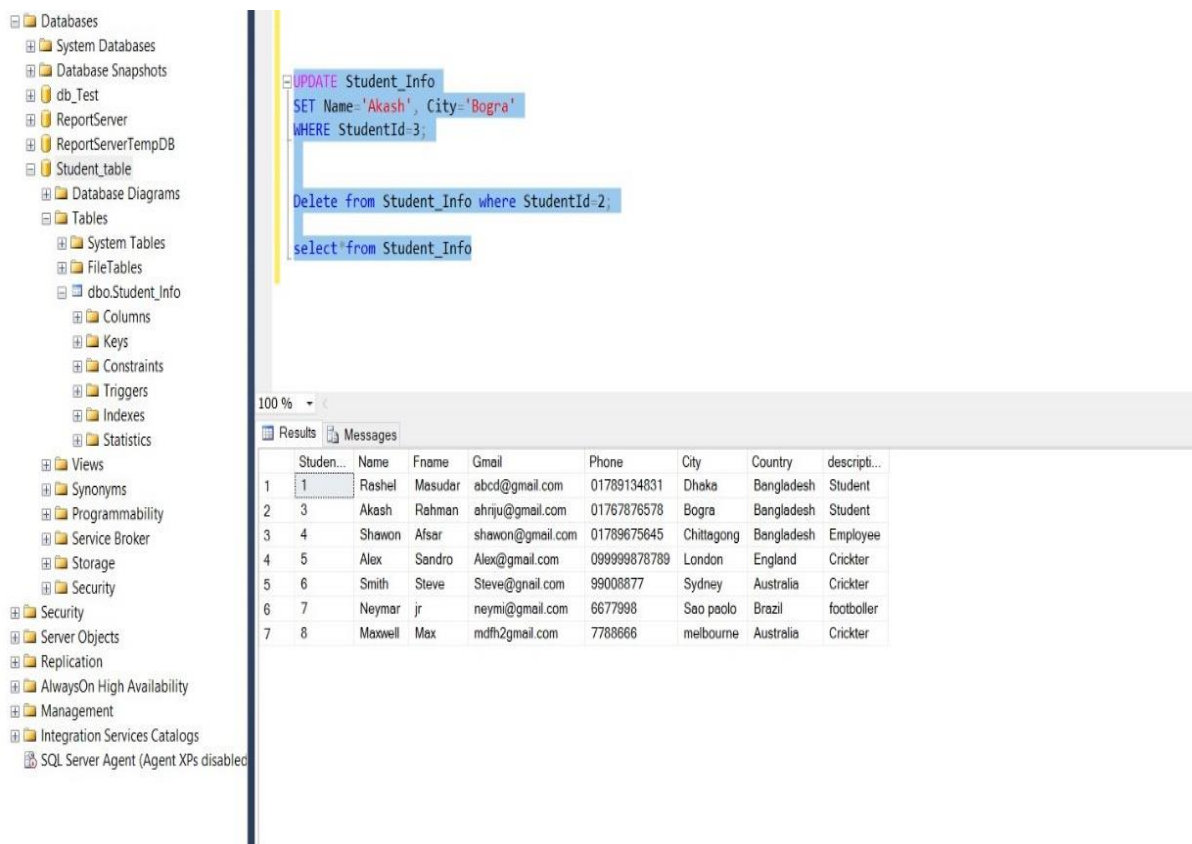


Fig : 3.1.2 Table from database Where

SQL Update and Delete

A table's column values can be changed after they have been created and populated using the SQL UPDATE statement. If there isn't an appropriate WHERE condition, it will modify the values of all the table's rows, so be sure to restrict what it modifies.

The Remove command can be used to delete rows.



The screenshot displays the SQL Server Enterprise Manager interface. On the left, the 'Databases' folder is expanded to show the 'Student_info' table. The central query window contains the following SQL code:

```
UPDATE Student_Info  
SET Name='Akash', City='Bogra'  
WHERE StudentId=3;  
  
Delete from Student_Info where StudentId=2;  
  
select *from Student_Info
```

Below the query window, the 'Results' pane shows a table with 8 rows and 8 columns. The columns are: Studen..., Name, Fname, Gmail, Phone, City, Country, and descripti... The data is as follows:

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...	
1	Rashel	Masudar	abcd@gmail.com	01789134831	Dhaka	Bangladesh	Student	
2	3	Akash	Rahman	ahriju@gmail.com	01767876578	Bogra	Bangladesh	Student
3	4	Shawon	Afsar	shawon@gmail.com	01789675645	Chittagong	Bangladesh	Employee
4	5	Alex	Sandro	Alex@gmail.com	099999878789	London	England	Crickter
5	6	Smith	Steve	Steve@gmail.com	99008877	Sydney	Australia	Crickter
6	7	Neymar	jr	neymi@gmail.com	6677998	Sao paolo	Brazil	footballer
7	8	Maxwell	Max	mdfh2gmail.com	7788666	melbourne	Australia	Crickter

Fig: 3.1.3 Table from database Update and Delete

Wildcard Operator

To replace one or more characters in a string, use a wildcard character. The Like Operator makes use of wildcard characters. The where clause uses the operator to look for a certain pattern in a column.

The screenshot displays the SQL Server Enterprise Manager interface. The Object Explorer on the left shows the database structure for 'DESKTOP-NNDDL4'. The main window shows three SQL queries in the 'SQL Query3.sql' file:

```
SELECT * FROM Student_Info  
WHERE City LIKE '_ondon';  
  
SELECT * FROM Student_Info  
WHERE City LIKE 's_d_e';  
  
SELECT * FROM Student_Info  
WHERE City LIKE '[a-c]%';
```

The Results pane shows the output of these queries:

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...	
1	5	Alex	Sandro	Alex@gmail.com	09999878789	London	England	Crickter

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...	
1	6	Smith	Steve	Steve@gmail.com	99008877	Sydney	Australia	Crickter

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...	
1	3	Akash	Rahman	ahriju@gmail.com	01787876578	Bogra	Bangladesh	Student
2	4	Showon	Afsar	showon@gmail.com	01789675645	Chittagong	Bangladesh	Employee

The status bar at the bottom indicates: 'Query executed successfully. DESKTOP-NNDDL4 (12.0 SP1) DESKTOP-NNDDL4\city c... Student_table 00:00:00 4 rows'.

Fig: 3.1.4 Table from database Wildcard Operator

JOIN OPERATOR

RIGHT JOIN, LEFT JOIN, INNER JOIN, FULL OUTER JOIN

Right join

RIGHT JOIN is similar to LEFT JOIN. This join retrieves all of the rows from the table on its right side as well as any matching rows from the table on its left side.

Left join

The rows that match for the table on the right side of the join are returned together with all of the rows from the table on the left side of the join.

Inner join

The INNER JOIN keyword selects all rows from both tables if the conditions are satisfied. This keyword will produce a result set by combining all rows from both tables that satisfy the criterion, that is, have the identical value for the common field.

Full outer join

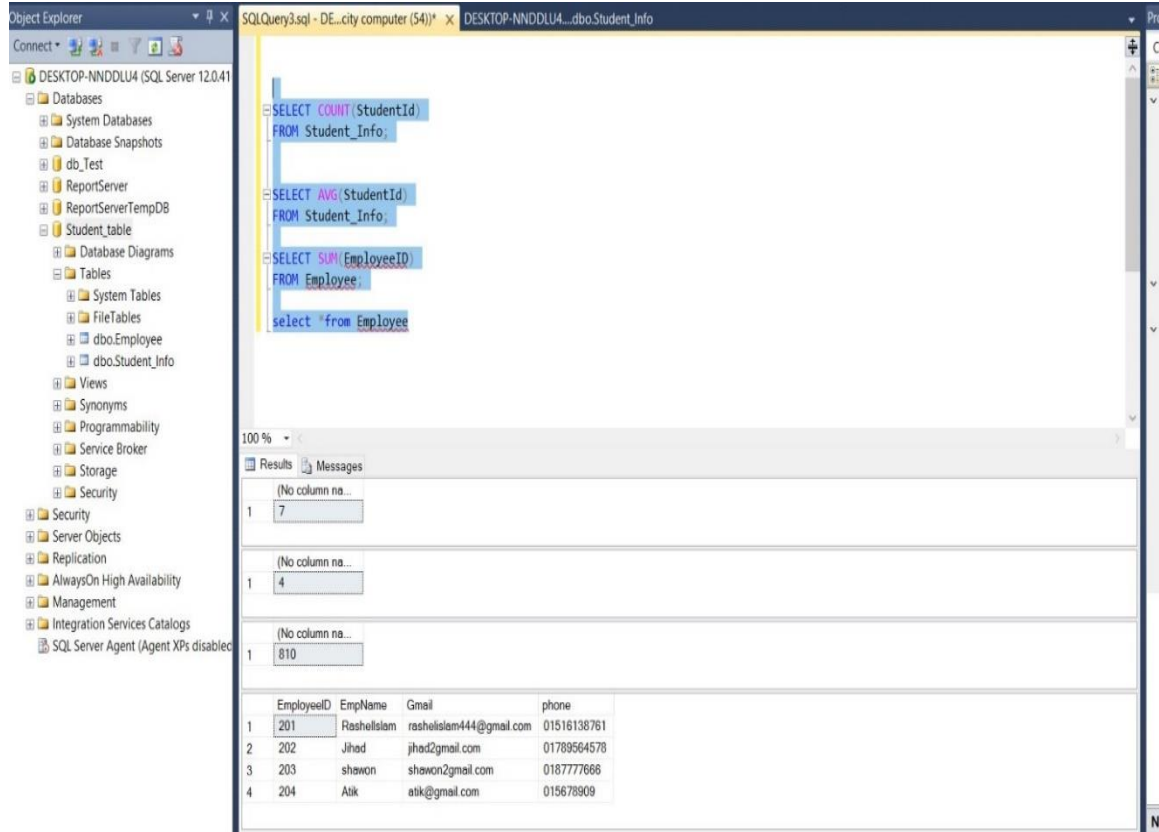
FULL JOIN generates the result set by combining the outputs of both LEFT JOIN and RIGHT JOIN. The result set contains all of the rows from both tables. NULL values will be present in the result-set for the

Sql Count

Count, How to apply the SQL AVG function. The AVG function in a SQL table determines the arithmetic mean for a collection of entries. The sum of a set of integers divided by the count for that group yields the average, or arithmetic mean.

Average

The sum of all values divided by the total number of values is the formula used to determine the average of the provided data.



The screenshot displays the SQL Server Enterprise Manager interface. The left pane shows the Object Explorer with the following structure:

- DESKTOP-NNDDLU4 (SQL Server 12.0.41)
 - Databases
 - System Databases
 - Database Snapshots
 - db_Test
 - ReportServer
 - ReportServerTempDB
 - Student_table
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - dbo.Employee
 - dbo.Student_Info
 - Views
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Security
 - Server Objects
 - Replication
 - AlwaysOn High Availability
 - Management
 - Integration Services Catalogs
 - SQL Server Agent (Agent XPs disabled)

The right pane shows the SQL Query Editor with the following queries:

```
SELECT COUNT(StudentId)
FROM Student_Info;

SELECT AVG(StudentId)
FROM Student_Info;

SELECT SUM(EmployeeID)
FROM Employee;

select * from Employee
```

The Results pane shows the following data:

Results	Messages
(No column na...)	
1	7
(No column na...)	
1	4
(No column na...)	
1	810

The bottom pane shows the results of the 'select * from Employee' query:

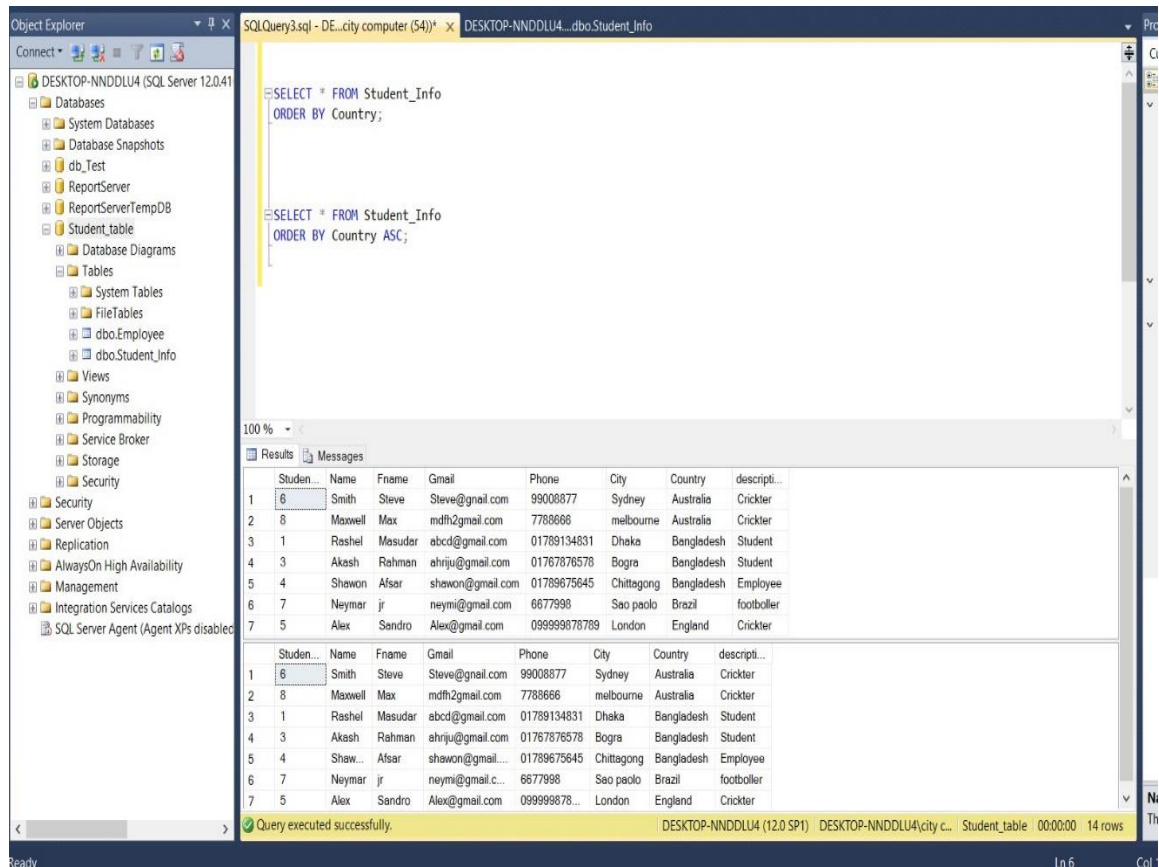
EmployeeID	EmpName	Gmail	phone	
1	201	RashelsIslam	rashelsIslam444@gmail.com	01516138761
2	202	Jihad	jihad2gmail.com	01789564578
3	203	shawon	shawon2gmail.com	0187777668
4	204	Atik	atik@gmail.com	015678909

Fig:3.1.5 Table From Database Order by Count, Avg, Sum

ORDER BY

The retrieved data can be sorted in either ascending or descending order according to one or more columns using the SQL ORDER BY command.

Command for Desc



The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the Object Explorer with the following structure:

- DESKTOP-NNDDL4 (SQL Server 12.0.41)
 - Databases
 - System Databases
 - Database Snapshots
 - db_Test
 - ReportServer
 - ReportServerTempDB
 - Student_table
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - dbo.Employee
 - dbo.Student_Info
 - Views
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Security
 - Server Objects
 - Replication
 - AlwaysOn High Availability
 - Management
 - Integration Services Catalogs
 - SQL Server Agent (Agent XPs disabled)

The right pane shows the SQL Query window with the following queries:

```
SELECT * FROM Student_Info  
ORDER BY Country;
```

```
SELECT * FROM Student_Info  
ORDER BY Country ASC;
```

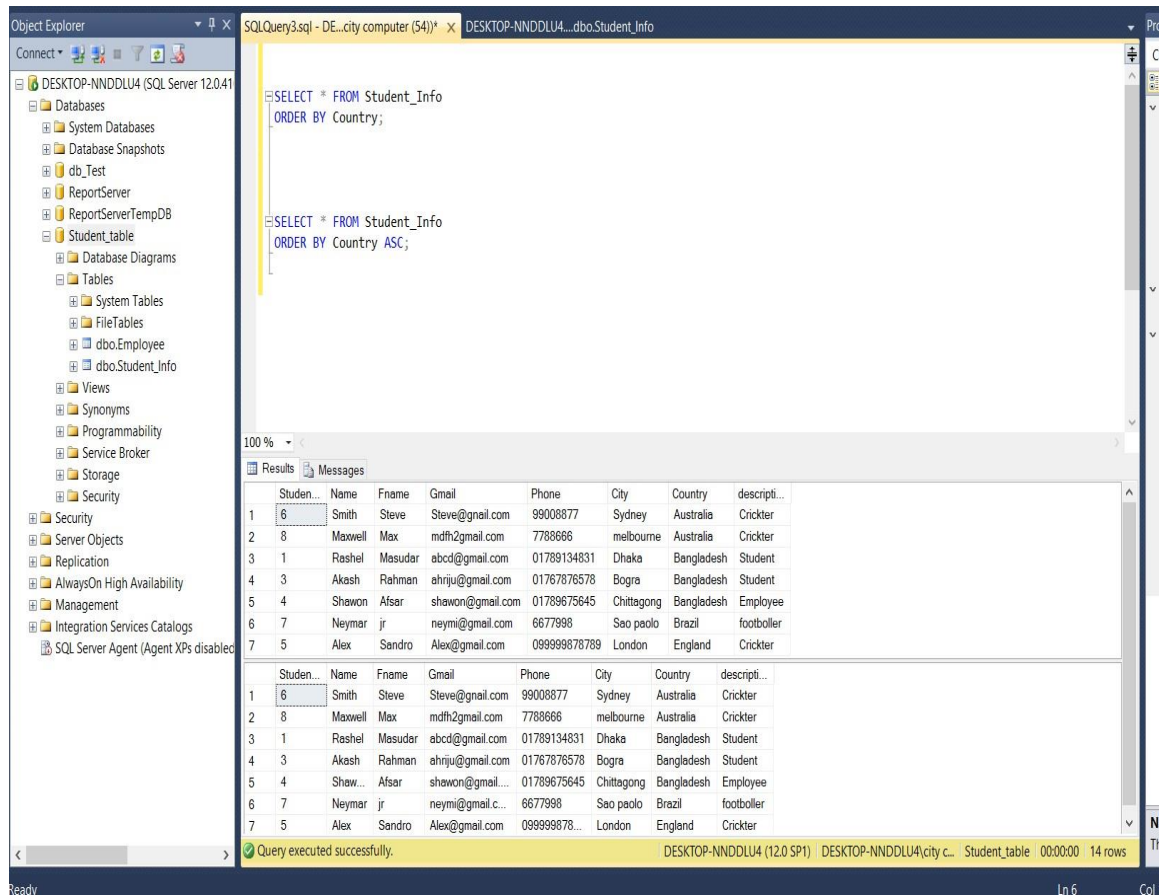
The Results pane displays the following data:

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...	
1	6	Smith	Steve	Steve@gmail.com	99008877	Sydney	Australia	Crickter
2	8	Maxwell	Max	mdfh2gmail.com	7788666	melbourne	Australia	Crickter
3	1	Rashel	Masuder	abcd@gmail.com	01789134831	Dhaka	Bangladesh	Student
4	3	Akash	Rahman	ahriju@gmail.com	01787876578	Bogra	Bangladesh	Student
5	4	Shewon	Afsar	shewon@gmail.com	01789675645	Chittagong	Bangladesh	Employee
6	7	Neymar	jr	neymi@gmail.com	6677998	Sao paulo	Brazil	footballer
7	5	Alex	Sandro	Alex@gmail.com	0999998789	London	England	Crickter

The status bar at the bottom indicates: Query executed successfully. DESKTOP-NNDDL4 (12.0 SP1) DESKTOP-NNDDL4\city c... Student_table 00:00:00 14 rows

Fig:3.1.6 Table From Database Order by Desc

Command For Asc



The screenshot displays the SQL Server Enterprise Manager interface. The left pane shows the server hierarchy for 'DESKTOP-NNDDL4 (SQL Server 12.0.41)'. The central query window contains two SQL queries. The first query is 'SELECT * FROM Student_Info ORDER BY Country;' and the second is 'SELECT * FROM Student_Info ORDER BY Country ASC;'. The results pane shows a table with 7 rows of data, sorted by country. The status bar at the bottom indicates 'Query executed successfully.' and 'DESKTOP-NNDDL4 (12.0 SP1) DESKTOP-NNDDL4\city c... Student_table 00:00:00 14 rows'.

Studen...	Name	Fname	Gmail	Phone	City	Country	descripti...
6	Smith	Steve	Steve@gmail.com	99008877	Sydney	Australia	Crickter
8	Maxwell	Max	mdfh2gmail.com	7788666	melbourne	Australia	Crickter
1	Rashel	Masudar	abcd@gmail.com	01789134831	Dhaka	Bangladesh	Student
3	Akash	Rahman	ahriju@gmail.com	01767876578	Bogra	Bangladesh	Student
4	Shawon	Afsar	shawon@gmail.com	01789675645	Chittagong	Bangladesh	Employee
7	Neymar	jr	neymi@gmail.com	6677998	Sao paulo	Brazil	footballer
5	Alex	Sandro	Alex@gmail.com	099999878789	London	England	Crickter

Fig:3.1.6 Table From Database Order by Desc

OR, AND, NOT Operator

The reserved variables AND and OR are used to describe how the operands of a logical expression relate to one another. The reserved value OR can be replaced by the vertical bar, and the ampersand sign can be used in its stead. Blank spaces need to come before and after the reserved values. Relational expressions, logical variables, or constants make up the operands of a logical expression and are separated by logical operators.

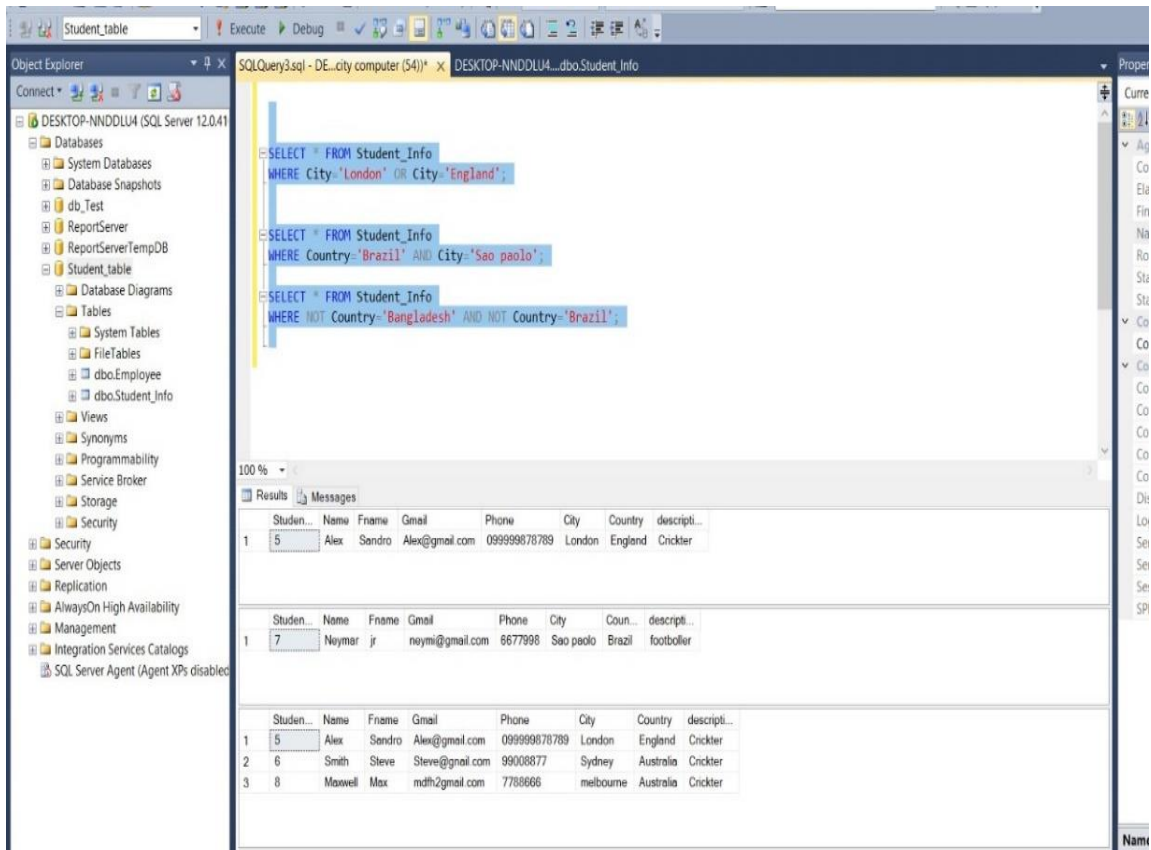


Fig:3.1.8 Table From Database And, OR, Not Operator

Insert Value

Use the SQL INSERT INTO command to add a new record to a table. The INSERT INTO command may be used in one of two ways to insert rows: just values. The first approach is to merely specify the value of the data being added and leave out the column names.

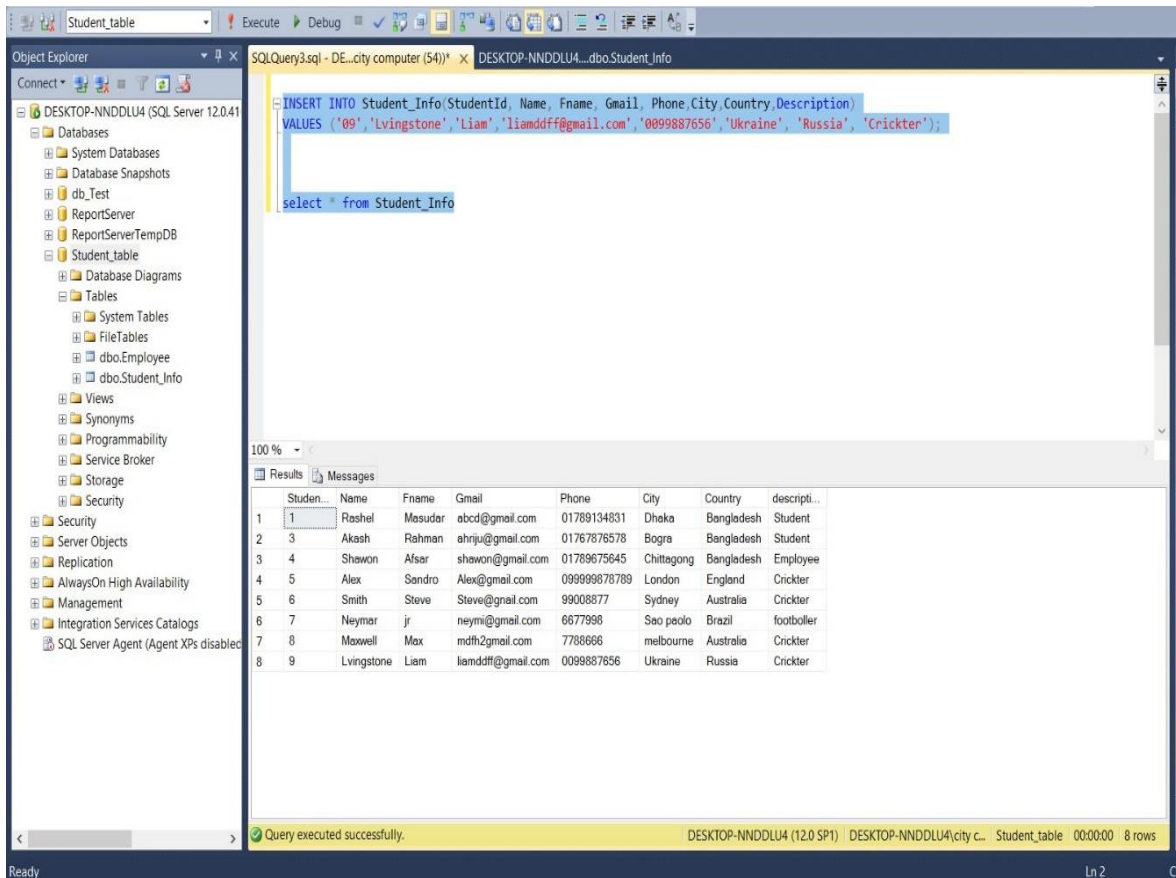


Fig:3.1.9 Table From Database Insert Value

3.2 Aggregate Function

In database administration, an aggregate function is a function that combines the values of various rows according to specific criteria to create a single, more meaningful value..

Min, Max ,Count, Average

ID	Name	Salary
01	Z	25
02	Y	40

3.3 View Control (View Bag, View Data, Temp Data)

View bag

Small bits of data were transferred from the controller to the view object using View Bag.

VIEW DATA

View Data is similar to View Bag, which transfers data from Controller.

Temp Data

Temp data transfer data from view to Controller.

3.4 DDL,DML,DCL,SQL,MVC

DDL

Data Definition Language (Create, drop, Alter, Truncate, Rename)

DML

Data Manipulate Language (Select, Insert, Update, Delete)

DCL

Data Control Language (Grant, Revoke)

MVC

1.Model

2.Controller

3.View

1.Model:Background That contains all the data logic

2.View:The frontend or graphical user interface

3.Controller:The brain of the application that controls how data is displayed

Used to Mvc: Manipulated Car model are listed, There are multiple click controls.

3.5 Design Log In and Register Page

Register Page

Users and organizations can sign up and log into your system independently using a signup page, also called a registration page.

Authentication_Page Home Privacy

Register

Create a new account.

Email

Password

Confirm password

Register

Use another service to register.

There are no external authentication services configured. See this article for details on setting up this ASP.NET application to support logging in via external services.

© 2022 - Authentication_Page - Privacy

Fig:3.5.1 Register Page

Log In Page

Login and Registration pages in are used to provide your website visitors with special access to certain parts of your website

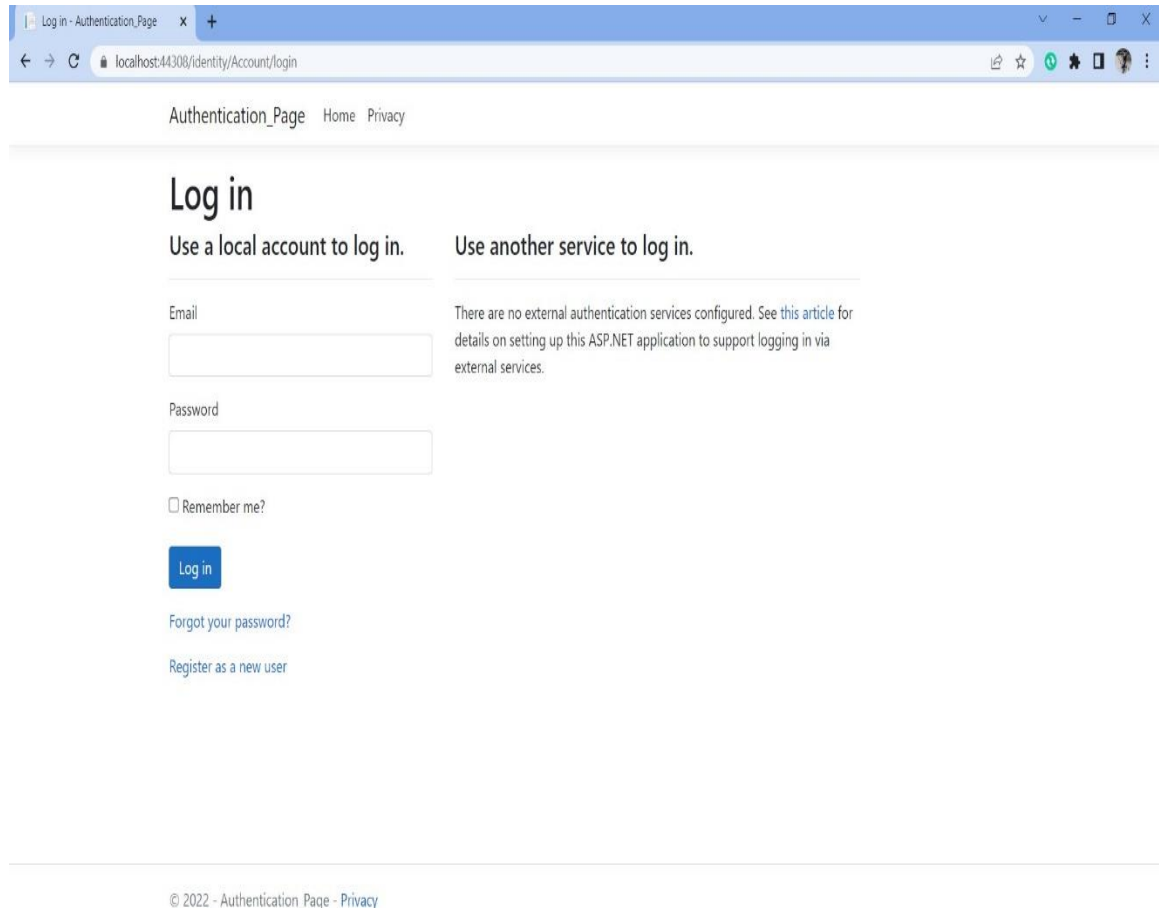
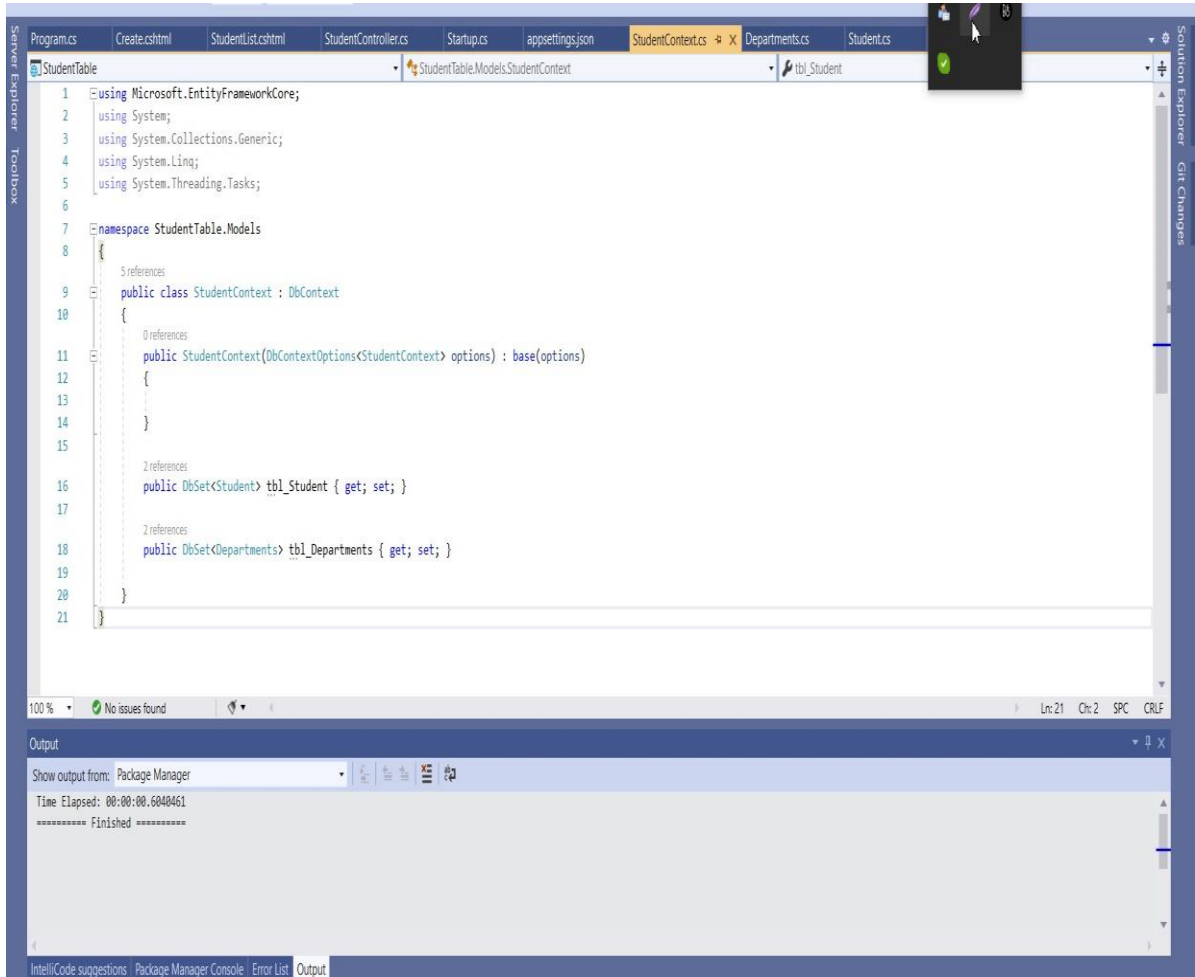


Fig:3.5.2 Log In Page

3.6 Design of MVC Crud Operation

The terms CREATE, READ(SELECT), UPDATE, and DELETE commands in SQL Server are abbreviated as CRUD. In connection to databases, CRUD can also be referred to as DML Statements, or Data Manipulation Language. To manage or alter the data in database Tables, Data Manipulation Language is used to manage or manipulate the data present inside database Tables.

Crud operation Code



```
1 using Microsoft.EntityFrameworkCore;
2 using System;
3 using System.Collections.Generic;
4 using System.Linq;
5 using System.Threading.Tasks;
6
7 namespace StudentTable.Models
8 {
9     public class StudentContext : DbContext
10    {
11        public StudentContext(DbContextOptions<StudentContext> options) : base(options)
12        {
13        }
14
15        public DbSet<Student> tbl_Student { get; set; }
16
17        public DbSet<Departments> tbl_Departments { get; set; }
18    }
19 }
20
21 }
```

Output

Show output from: Package Manager

Time Elapsed: 00:00:00.6040461

***** Finished *****

Fig 3.6.0 Crud operation Code

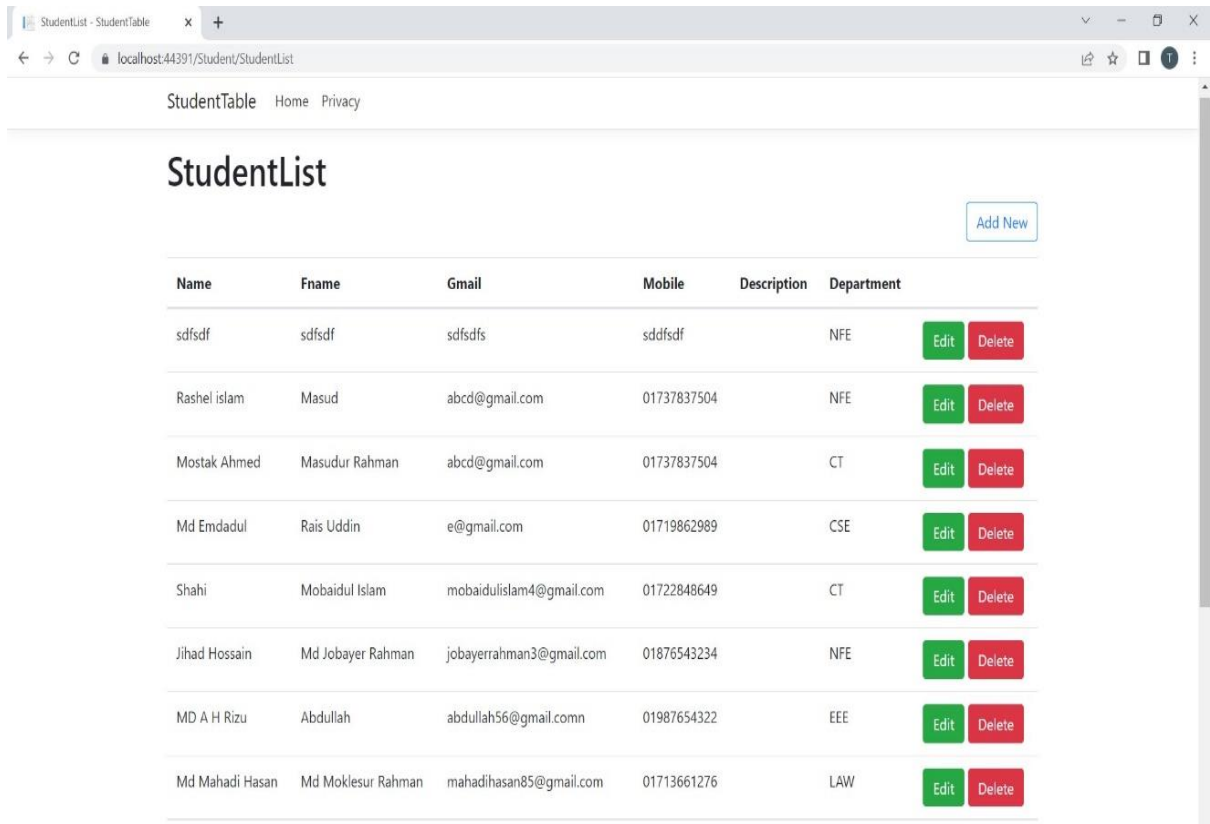
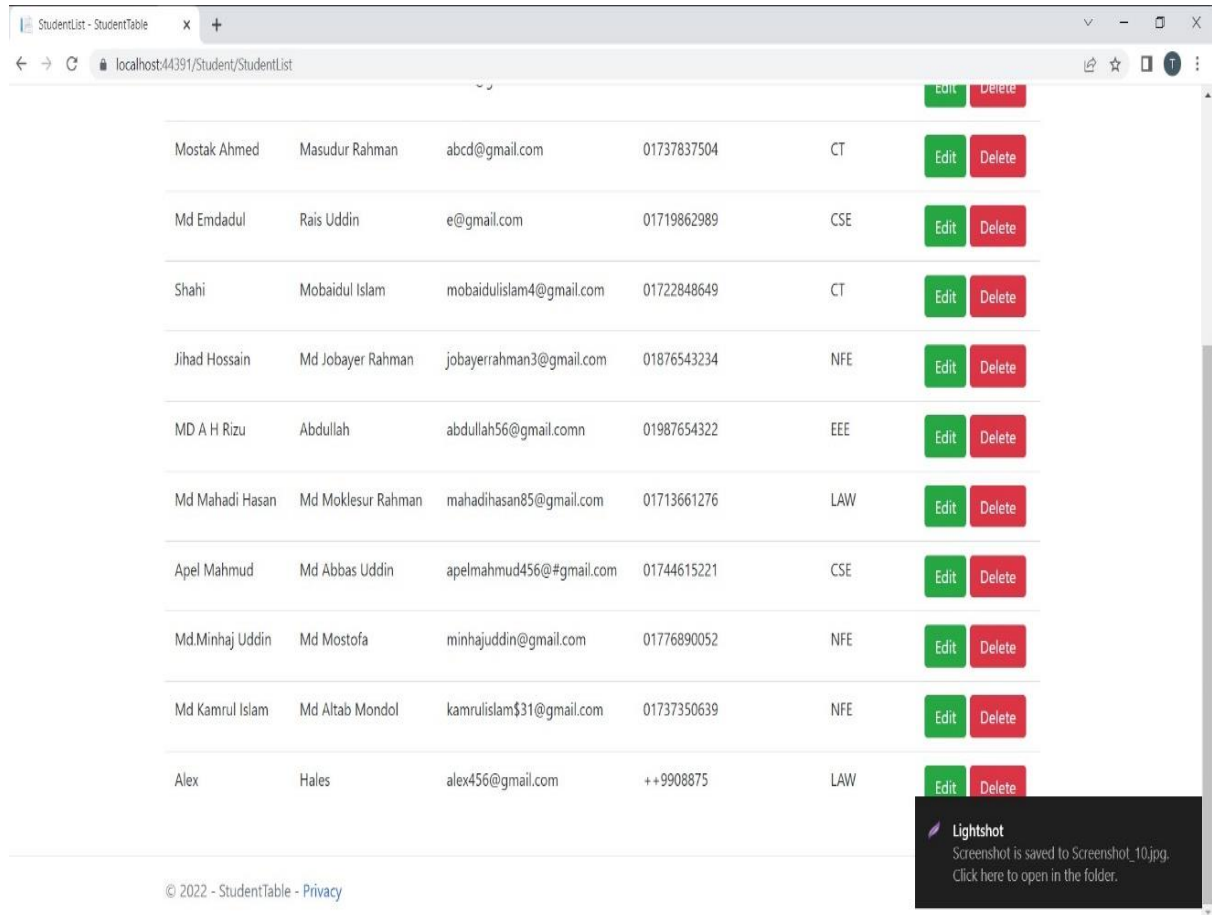


Fig:3.6.1 MVC Crud Operation Student List

Figure of Crud Operation Student List



The screenshot shows a web browser window with the address bar displaying 'localhost:44391/Student/StudentList'. The page contains a table with 10 rows of student data. Each row has two buttons: a green 'Edit' button and a red 'Delete' button. A 'Lightshot' notification is visible in the bottom right corner, indicating that a screenshot was saved to 'Screenshot_10.jpg'.

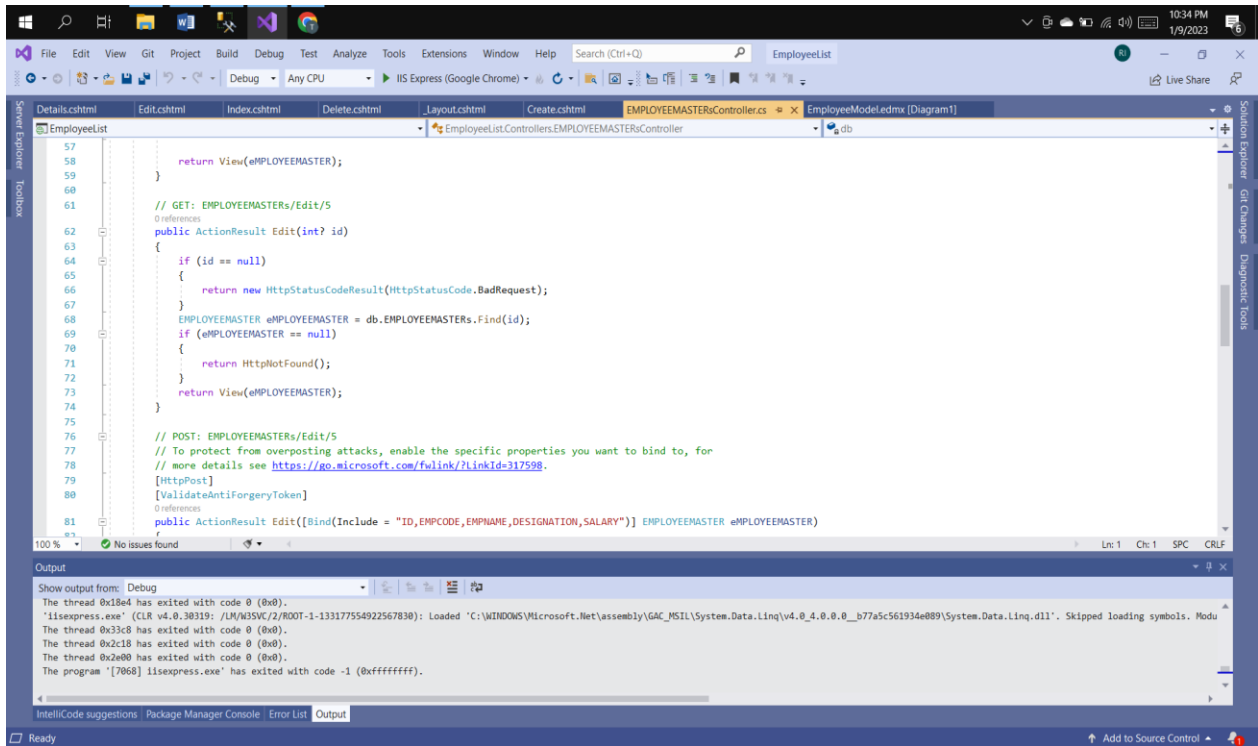
Name	Parent Name	Email	Phone	Course	Actions
Mostak Ahmed	Masudur Rahman	abcd@gmail.com	01737837504	CT	Edit Delete
Md Emdadul	Rais Uddin	e@gmail.com	01719862989	CSE	Edit Delete
Shahi	Mobaidul Islam	mobaidulislam4@gmail.com	01722848649	CT	Edit Delete
Jihad Hossain	Md Jobayer Rahman	jobayerahman3@gmail.com	01876543234	NFE	Edit Delete
MD A H Rizu	Abdullah	abdullah56@gmail.com	01987654322	EEE	Edit Delete
Md Mahadi Hasan	Md Moklesur Rahman	mahadihasan85@gmail.com	01713661276	LAW	Edit Delete
Apel Mahmud	Md Abbas Uddin	apelmahmud456@gmail.com	01744615221	CSE	Edit Delete
Md.Minhaj Uddin	Md Mostofa	minhajuddin@gmail.com	01776890052	NFE	Edit Delete
Md Kamrul Islam	Md Altab Mondol	kamrulislam31@gmail.com	01737350639	NFE	Edit Delete
Alex	Hales	alex456@gmail.com	++9908875	LAW	Edit Delete

© 2022 - StudentTable - Privacy

Lightshot
Screenshot is saved to Screenshot_10.jpg.
Click here to open in the folder.

Fig:3.6.2 MVC Crud Operation Student List

Figure of Crud Operation Salary Sheet Code



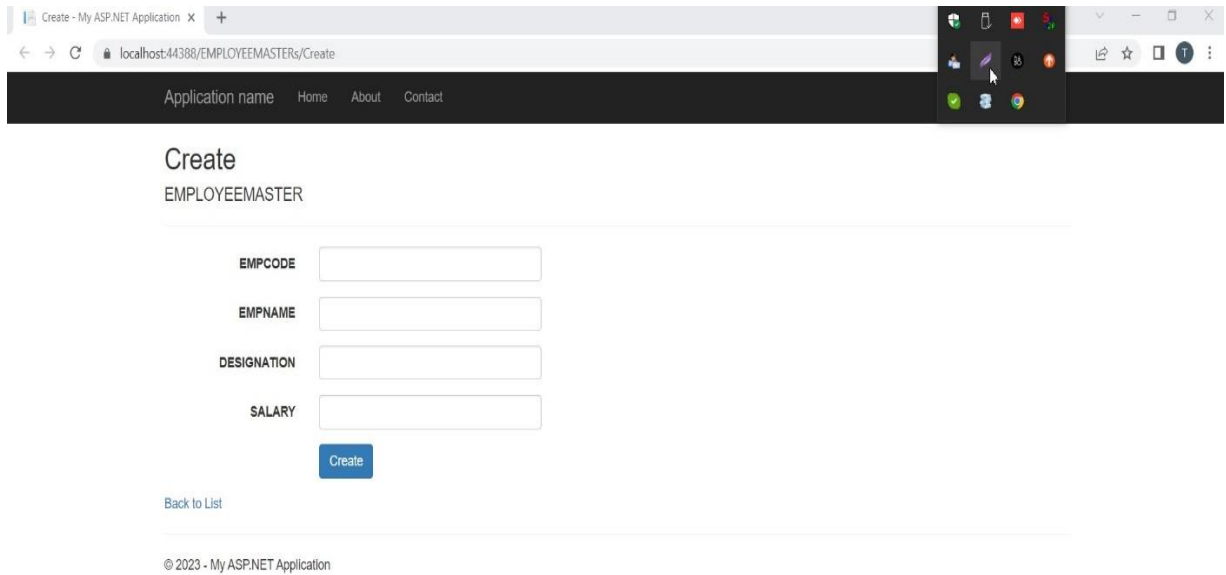
```
57  
58     return View(@EMPLOYEEMASTER);  
59 }  
60  
61 // GET: EMPLOYEEMASTERS/Edit/5  
62 public ActionResult Edit(int? id)  
63 {  
64     if (id == null)  
65     {  
66         return new HttpStatusCodeResult(HttpStatusCode.BadRequest);  
67     }  
68     EMPLOYEEMASTER @EMPLOYEEMASTER = db.EMPLOYEEMASTERS.Find(id);  
69     if (@EMPLOYEEMASTER == null)  
70     {  
71         return HttpNotFound();  
72     }  
73     return View(@EMPLOYEEMASTER);  
74 }  
75  
76 // POST: EMPLOYEEMASTERS/Edit/5  
77 // To protect from overposting attacks, enable the specific properties you want to bind to, for  
78 // more details see https://go.microsoft.com/fwlink/?LinkId=317598.  
79 [HttpPost]  
80 [ValidateAntiForgeryToken]  
81 public ActionResult Edit([Bind(Include = "ID,EMPCODE,EMPNAME,DESIGNATION,SALARY")] EMPLOYEEMASTER @EMPLOYEEMASTER)
```

Output

```
Show output from: Debug  
The thread 0x18e4 has exited with code 0 (0x0).  
"IISExpress.exe" (CLR v4.0.30319: /J:/MDSVC/2/ROOT-1-133177554922567830): Loaded 'C:\WINDOWS\Microsoft.NET\assembly\GAC_MSIL\System.Data.Linq\v4.0.0.0_b77a5c561934e089\System.Data.Linq.dll'. Skipped loading symbols. Modu  
The thread 0x33:8 has exited with code 0 (0x0).  
The thread 0x2c18 has exited with code 0 (0x0).  
The thread 0x2e00 has exited with code 0 (0x0).  
The program '[7068] IISExpress.exe' has exited with code -1 (0xffffffff).
```

Fig:3.6.3 Salary sheet Code

Salary Sheet Output



The screenshot shows a web browser window with the following elements:

- Browser tab: Create - My ASP.NET Application x
- Address bar: localhost:44388/EMPLOYEEMASTERS/Create
- Navigation menu: Application name, Home, About, Contact
- Page title: Create EMPLOYEEMASTER
- Form fields:
 - EMPCODE:
 - EMPNAME:
 - DESIGNATION:
 - SALARY:
- Submit button: Create
- Link: [Back to List](#)
- Footer: © 2023 - My ASP.NET Application

Fig:3.6.4 Salary Sheet

Salary Sheet Output

Application name Home About Contact

Index

[Create New](#)

EMPLOYEE CODE	EMPLOYEE NAME	DESIGNATION	SALARY	
100075	MD Emdadul Haque	Director	90000	Edit Details Delete
1007895	Md Rubel Hossain	Account Manager	45000	Edit Details Delete
78514009	MD Abdullah al Rafi	Junior programmer	30000	Edit Details Delete
100789	Md Maruful Islam	Junior programmer	35000	Edit Details Delete
100258	Md Rubel Hossain	Account Manager	30000	Edit Details Delete
106598	Md Shohag Islam	Senior programmer	50000	Edit Details Delete
1005968	Md Abdur Rajjak	It Expert	35000	Edit Details Delete

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Fig:3.6.5 Salary Sheet

CHAPTER 4

COMPETENCIES AND SMART PLAN

4.1 Competencies

Throughout the entire period of internship in Pinovation Tech Ltd I learned a lot of competencies. During my internship period, I have worked with several projects and I have done some jobs like web development more specifically backend development within the required timeline. I knew a few earlier and learned a few in this period. The mentionable competencies are Database management to sql server, join, Wildcard operator, asp.net core crud operation, media control view, Create student list in this internship. I have first-hand experience building incredibly dynamic sites and web application using most recent technology such Asp dot net core Entity framework also I'm fully prepared for learning new technologies within a very short time and I'm very confident to learn new technology the reason is many more technologies come daily and controlling the trend. I'm totally ready for taking those challenge.

4.2 Smart Plan

Pinovation Tech Limited works much planned manner in their Development sector. To provide excellent service to the customers and country Website Design And Development. All organization should focus on website design and development Services.

Following step will follow to beautify my future

- Working with the new and challenging environment.
- Capable to learn new technology.
- Capable to make better CV and Portfolio.
- LinkedIn Profile and GitHub Profile enhancing.
- Able to doing great for our county
- Able to create new and creative development things.
- I stay current with technology.
- Maintaining my remembering of my acquired information

CHAPTER 5

CONCLUSION AND FUTURE CAREER

5.1 Discussion and Conclusion

In this internship process I learned that passion for the work makes the learning faster than the time we put in the work. If we love the work or we have the passion to work in web design the time we put for the work will not be the hindrance for the amount of learning. I started 6 hours a day in Pinovation Tech Limited then I found that 8 hours was not very long for me. I enjoyed working in the Web Design And Development department. They are very amiable and the work environment in the It center is very friendly. In such a short period of time I learned a lot of things.

5.2 Scope for Further Career

Career opportunities are massive in this Web Design And Developing. As our country is mobbing towards the digital era and it is super helpful for us as CSE students because career openings are wide. We can join in the Web Design And Development departments of any organization for our wide learnings in this field. Given that a vast majority of businesses. Backend development, commonly referred to as server-side scripting, focuses entirely on what takes place in the background. The backend of a website refers to the portion that users do not see. It is in charge of managing data organization and storage as well as ensuring that everything on the client-side functions properly. Through interaction with the front end, it does this. When a client-side event occurs, such a user filling out a form, the browser sends a request to the server. The browser can understand and display the relevant data that the server-side responds to by passing it to it as frontend code..

APPENDIX

APPENDIX A



A Internship Reflection

I have no trouble seeing the internship as a teaching opportunity. Finding the good and bad aspects of the event will require more work, though. My odds of correctly predicting what will happen next are higher when I am aware of my workplace preferences, which make clear what I want more and what I want to ignore the next time. An internship can be explained by first dissecting it into its constituent parts. Next, think about the value of each component.

Appendix B

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Email: info@pintechltd.com

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Final Test

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