PRG 272   
Project



Member:

Zhen Ming Chen, 577487

Morongwa Kealeboga Olifant, 600998

Moses Chigwende, 577934

Introduction

StudentManagement is a powerful software solution designed to streamline and simplify the management of student records for educational institutions. With features like student data entry, record updating, quick search, and report generation, it offers an intuitive interface that enhances efficiency and accuracy. Built on a secure Microsoft SQL Server database, StudentManagement ensures data reliability and easy access, making it an essential tool for organized and tech-savvy administration.

Instructions

1. Open SSMS and create a database:

CREATE DATABASE StudentManagement;

GO

2.Create the Students Table:

CREATE TABLE Students (

StudentID NVARCHAR(50) PRIMARY KEY,

Name NVARCHAR(100),

Age INT,

Course NVARCHAR(100)

);

3.Create ReportSummary table:

CREATE TABLE ReportSummary (

ReportID INT PRIMARY KEY IDENTITY(1,1),

TotalStudents INT,

AverageAge FLOAT,

ReportDate DATETIME

);

4. Very important! remember to connect to your database with your servername find it in the program.cs file:

string connectionString =

@"Data Source=AKI\SQLEXPRESS;Initial Catalog=StudentManagement;Integrated Security=True;";

change it to:

@"Data Source=YourPCName\SQLEXPRESS;Initial Catalog=StudentManagement;Integrated Security=True;";

5.After everything is done you should be able to see the data in Student Table and ReportSummary table:

SELECT \* FROM ReportSummary;

SELECT \* FROM Students