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INTRODUCTION

- Student Management System (SMS) is a solution tool that is designed to track, maintain and manage all the data generated by a School, including the grades of a student, their attendance, their interpersonal activities records, etc.
- Schools and Universities are the foundation of knowledge and an educational body on which students rely upon. Therefore, they need to maintain a proper database of its students to keep all the updated records and easily share information with students.
- So Student Management System are very helpful for creating or arranging the information's of all students.

PYTHON

- Python is an interpreted, interactive, object-oriented programming language. It incorporates modules, exceptions, dynamic typing, very high level dynamic data types, and classes.
- It supports multiple programming paradigms beyond object-oriented programming, such as procedural and functional programming.
- Python combines remarkable power with very clear syntax. It has interfaces to many system calls and libraries, as well as to various window systems.
- It is extensible in C or C++. It is also usable as an extension language for applications that need a programmable interface.

MySQL

- MySQL stands for My Structured Query Language.
- MySQL is a relational database management system
- The database structure is organized into physical files optimized for speed. The logical data model, with objects such as data tables, views, rows, and columns, offers a flexible programming environment.
- It has data type is a guideline for SQL to understand what type of data is expected inside of each column, and it also identifies how SQL will interact with the stored data.
- In MySQL there are three main data types: string, numeric, and date and time.

MySQL Connector

- MySQL Connector/ODBC, once known as MyODBC, is computer software from Oracle Corporation.
- It is an ODBC interface and allows programming languages that support the ODBC interface to communicate with a MySQL database.
- MySQL Connector/ODBC was originally created by MySQL AB
- MySQL Connectors provide connectivity to the MySQL server for client programs.
- APIs provide low-level access to MySQL resources using either the classic MySQL protocol or X Protocol.c

PROJECT

Student Management System

STUDENT MANAGEMENT SYSTEM

Student Detail

Current Course Information

Department Course

Semester Year

Select Semester
Sem-1
Sem-2
Sem-3
Sem-4
Sem-5
Sem-6
Sem-7
Sem-8

Class Student

Student Name Roll Number

Gender Phone Number

☐ Take Photo Sample

☒ No Photo Sample

Save

Update

Reset

Delet

Take Photo Sample

Update Photo Sample

Student Detail

Searching System

Search By:

Search

Show All

Department	Course	Year	Semester	Name	Roll Number	Gender	Phone
CSE	B.tech	3rd year	Sem-6	Devendra Deshlat	59	Male	

STUDENT MANAGEMENT SYSTEM

Student Detail

Current Course Information

Department	<input type="text" value="CSE"/>	Course	<input type="text" value="B.tech"/>
Semester	<input type="text" value="Sem-6"/>	Year	<input type="text" value="3rd year"/>


Class Student Information

Student Name	<input type="text" value="Tejan Thakur"/>	Roll Number	<input type="text" value="15"/>
Gender	<input type="text" value="Male"/>	Phone Number	<input type="text" value=""/>
<input type="radio"/> Take Photo Sample		<input checked="" type="radio"/> No Photo Sample	

Save**Update****Reset****Delete****Take Photo Sample****Update Photo Sample**

Student Detail

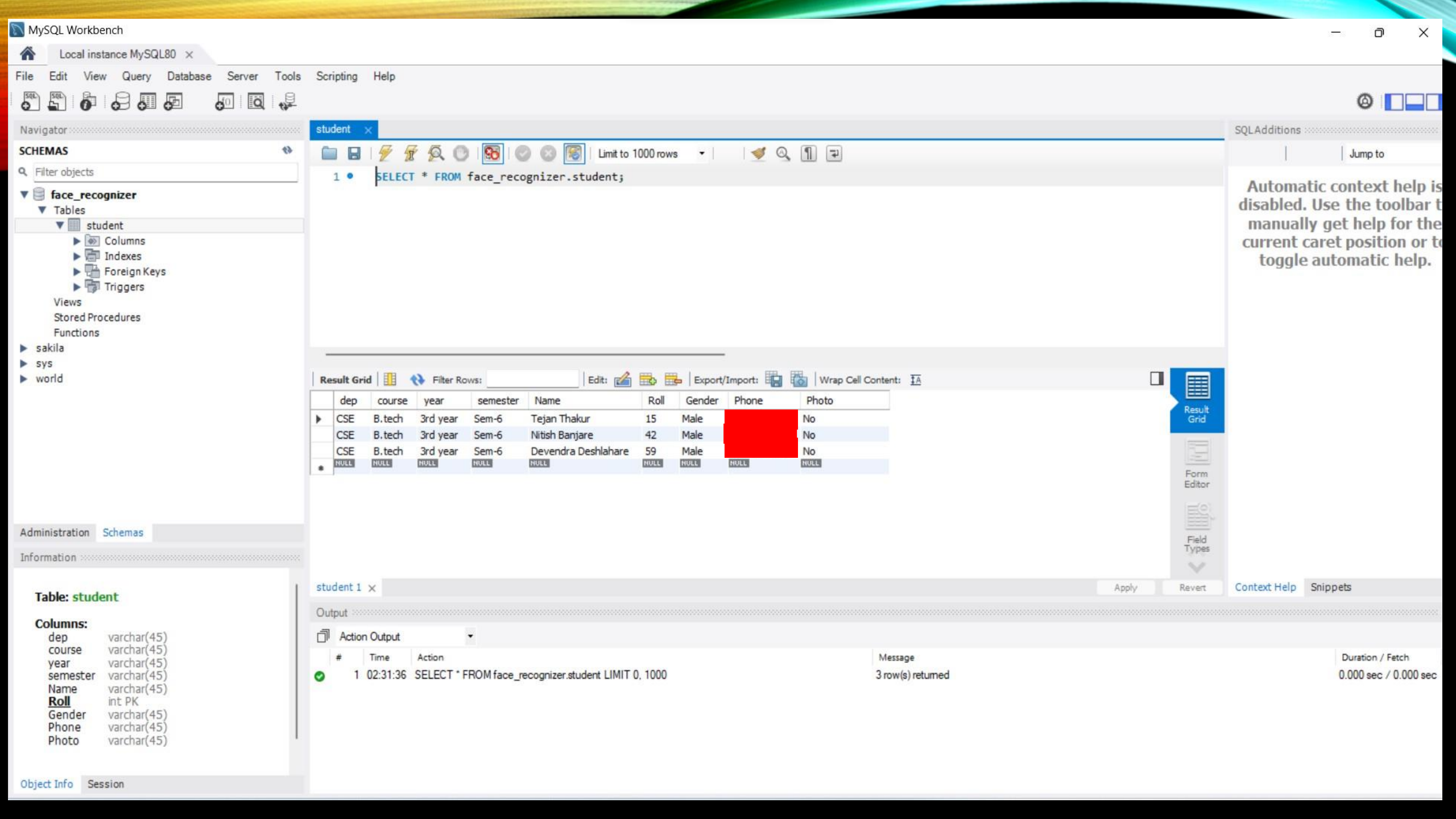
Searching System

Search By:**Search****Show All** Success

Student details has been added successfully

OK

Semester	Name	Roll Number	Gender	Phone	PhotoSample
Sem-6	Tejan Thakur	15	Male		No
Sem-6	Nitish Banjare	42	Male		No
Sem-6	Devendra Deshlahare	59	Male		No



Thank You