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**Why I choose this topic.**

The Aim of this College Website Project in ASP.Net Mvc is to implement the website for the college the purpose of this website project is to provide the clarified information about college to the users (Students, Parents, and Anonymous users) through website and provide the information about college as well as their students. This project was developed under ASP.Net MVC & C#.Net Programming language using Visual studio and SQL Server 2008 r2 used for storing the data.

**Developer Responsibilities**

Understanding the business requirements from basic level and converting into solutions.

Created database using SQL Server 2008 R2.

Implementation of Front End Using ASP.NET& C#.Net under Visual Studio.

Maintain the connection Between Frontend and Backend Using ADO.NET

### Abstraction

Abstraction refers to the act of representing essential features without including the background details or explanations. Classes use the concept of abstraction and are defined as a list of abstract attributes.

### Encapsulation

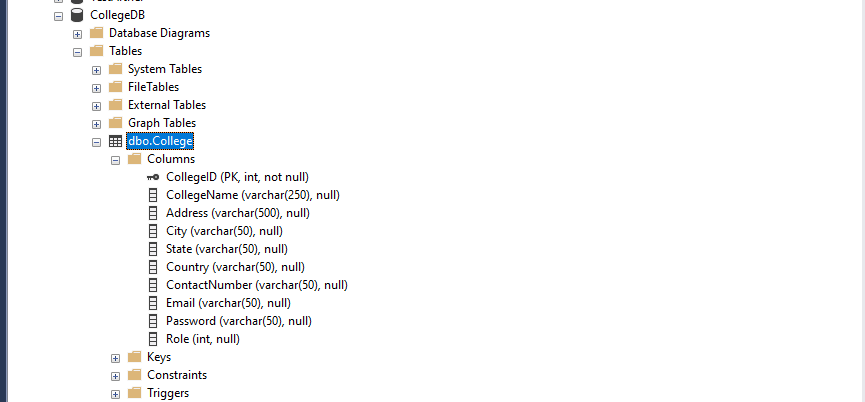
Encapsulation conceals the functional details of a class from objects that send messages to it.

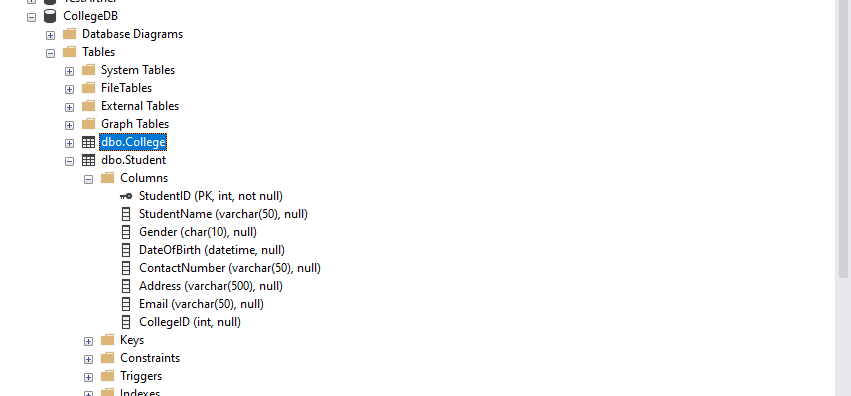
### Polymorphism

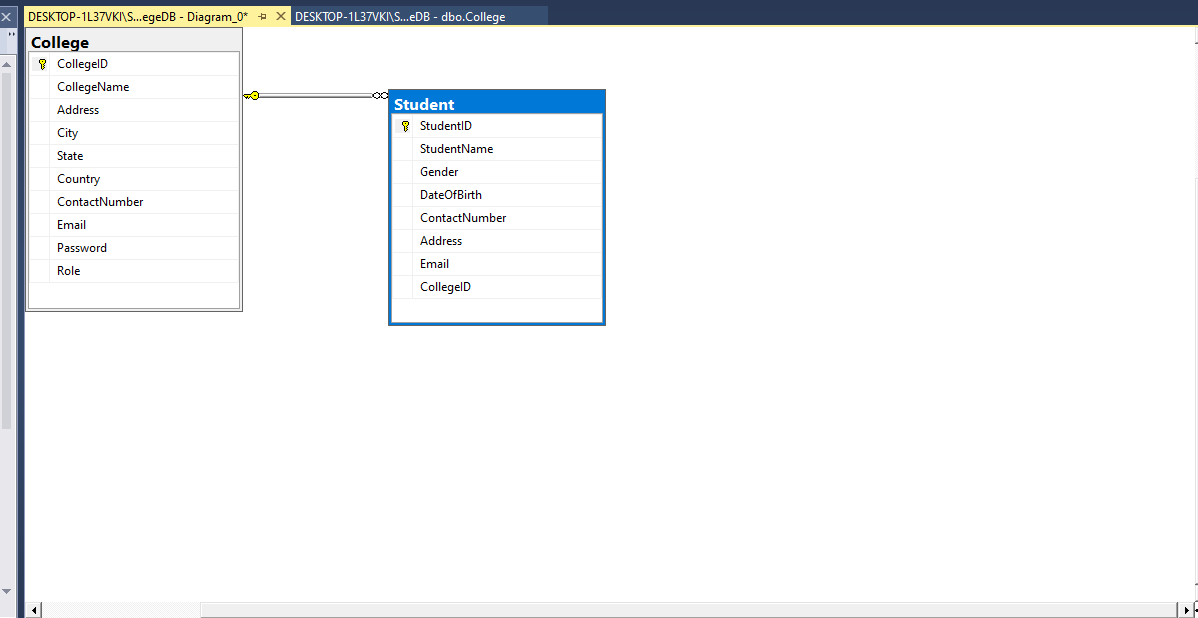
Polymorphism allows the programmer to treat derived class members just like their parent class's members. More precisely, Polymorphism in object-oriented programming is the ability of objects belonging to different data types to respond to calls of methods of the same name, each one according to an appropriate type-specific behavior. One method, or an operator such as +, -, or \*, can be abstractly applied in many different situations. If a Dog is commanded to speak (), this may elicit a bark (). However, if a Pig is commanded to speak (), this may elicit an oink (). Each subclass overrides the speak () method inherited from the parent class Animal.

**What is E-R(enityrealtionship) Diagram ?**

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. ER Diagrams are most often used to design or debug relational databases in the fields of software engineering, business information systems, education and research.

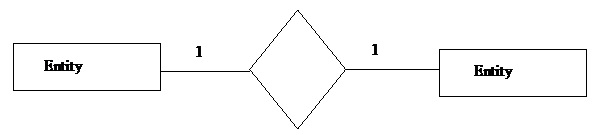






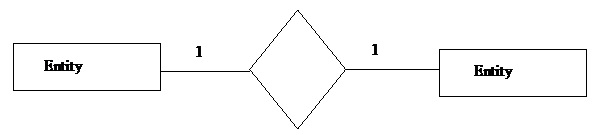
**One-to-one**

When only one instance of an entity is associated with the relationship, it is marked as '1:1'. In one-to-one relationship one each entity should be associated with the relationship.



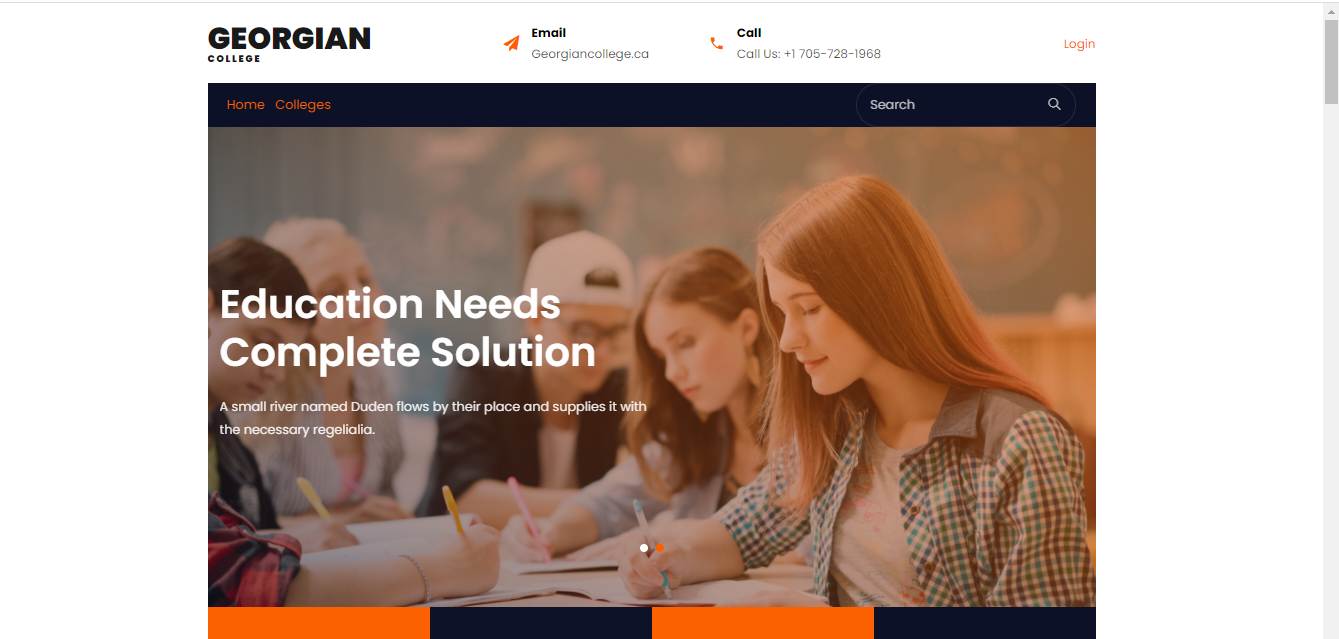
**One-to-many**

When more than one instance of an entity is associated with a relationship, it is marked as '1:N'. In one-to-many relationship each entity on the left and more than one instance of an entity on the right can be associated with the relationship.

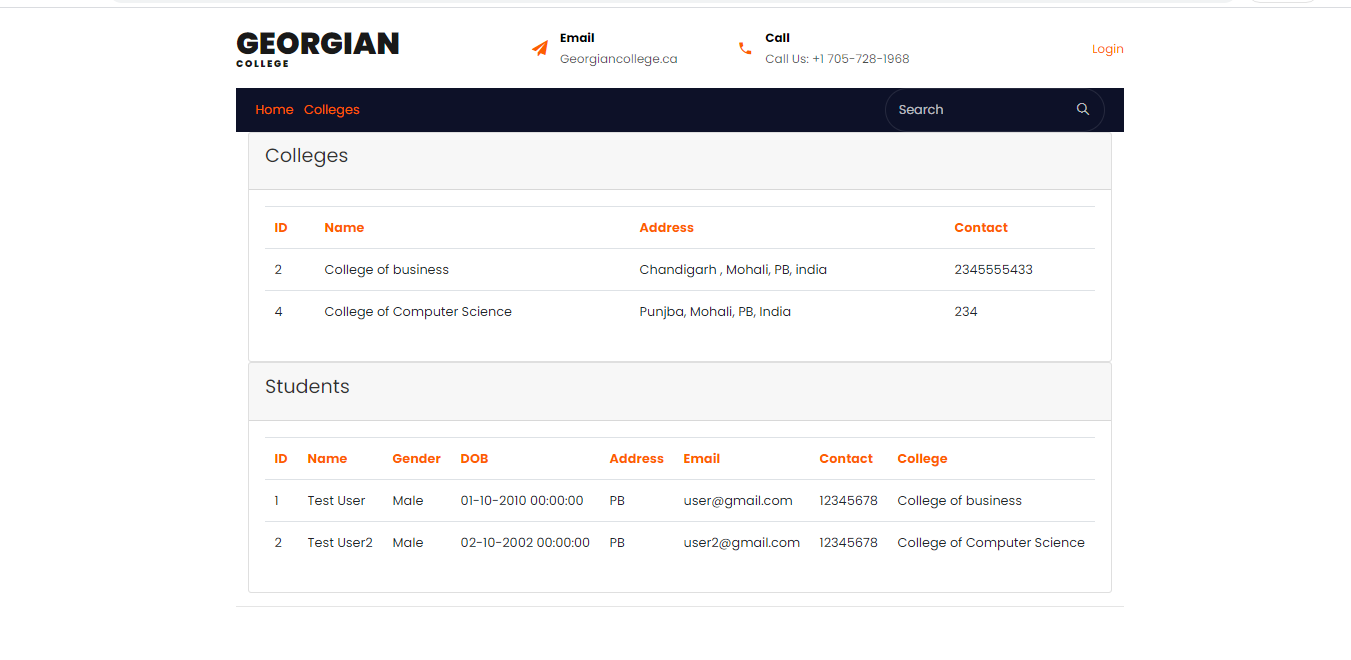


About the Website

1. Home page

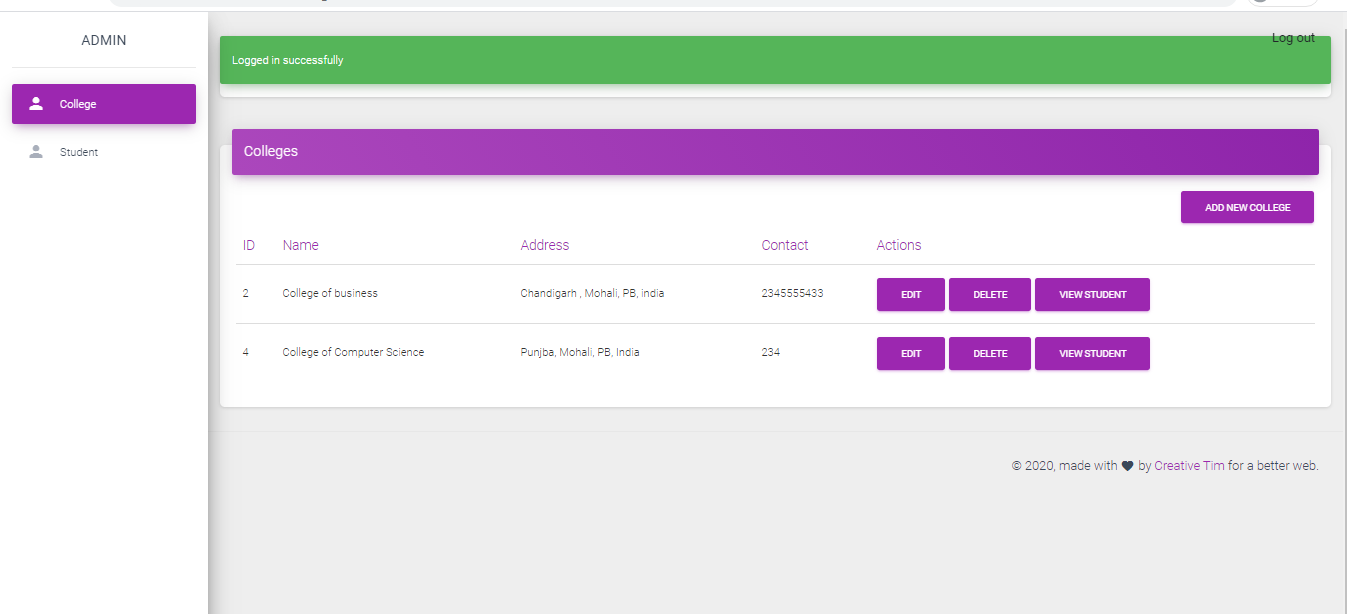


1. Colleges Attached with is site as well as their students



1. Admin panel

All college List in admin panel



1. All students List

