**MENTOR INFORMATION PAGE**

***Problem Statement***

Develop application for a Mentor Registration, profile creation and view the sessions available using C#, .NET. Implements all the checks so that there are no errors when Mentor and Sessions are added, removed, updated, searched from collections and use ADO.Net

**Hardware and Software Requirement**

**1. Hardware Requirement:**

a. Developer PC with 8GB RAM

**2. Software Requirement**

a. Ide: Visual Studio

b. .NET Framework

c. Sql Server

**Develop the application using following steps:**

1.Develop application Mentor Information Page using Collections, Classes, Exception handling, in C#, .NET.

2.Define appropriate classes and objects for a given scenario.

3. Build the application using C# New Features like Default interface methods

Nullable reference types.

4. Using collection manipulate Mentor data includes adding, removing, finding, and updating data in the collection as follows:

**Page 1 - Mentor Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | UserId | Int | not null |
| 2 | UserName | Varchar | not null |
| 3 | Mobile | BitInt | not null |
| 4 | Email | varchar | Null |
| 5 | Address | varchar | null |
| 6 | State | varchar | null |
| 7 | Country | varchar | null |

**Page2- MentorProfile**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | MentorId | Int | not null |
| 2 | DomainId | int | not null |
| 3 | IndustryExperience | int | not null |
| 4 | MentoringExperiance | int | not null |
| 5 | Skills | varchar | not null |
| 6 | AvailableFrom | datetime | not null |
| 7 | AvailableTo | datetime | not null |

Page3- Mentor\_Domain

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | DomainId | int | not null |
| 2 | DomainName | Varchar | not null |

Page4- Mentor\_RejectedSessionDetails

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | MentorId | Int | not null |
| 2 | DomainId | int | not null |
| 3 | sessionID | int | not null |
| 4 | SessionDate | datetime | not null |
| 5 | RejectReason | Varchar | not null |

Page5- Mentor\_TakenRejectedSessionDetails

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | MentorId | Int | not null |
| 2 | DomainId | int | not null |
| 3 | AttendeesCount | int | not null |
| 4 | sessionID | int | not null |
| 5 | SessionDate | datetime | not null |
| 6 | SessionStart | int | not null |
| 7 | SessionEnd | int | not null |
| 8 | SessionAmount | double | not null |

5. Create the object to connect the database and use appropriate comments to execute the CURD operations for the above Pages.