**SESSION INFORMATION PAGE**

***Problem Statement***

Develop application for maintaining the Session information, create sessions and view the candidates applied for the session using C#, .NET. Implements all the checks so that there are no errors when 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 Session 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 Session data includes adding, removing, finding, and updating data in the collection as follows:

**Page 1- Session**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | SessionId | int | not null |
| 3 | SessionName | varchar | not null |
| 4 | SessionDate | datetime | not null |
| 5 | SessionStart | int | not null |
| 6 | SessionEnd | int | not null |
| 7 | SessionAmount | double | not null |
| 8 | SessionCount | int | null |

**Page2- Ses\_SessionTrn**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | SessionTrnId | int | not null |
| 3 | SessionId | int | not null |
| 4 | MentorId | int | not null |
| 5 | CandidateId | int | not null |
| 6 | SessionStatus | int | not null |
| 7 | PaymentStatus | int | not null |
| 8 | SessionCount | int | null |

**Page3 Ses\_SessionStatus**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | SessionStatusId | int | not null |
| 2 | StatusName | Varchar | not null |

**Page 4 - Ses\_PaymentStatus**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **ColumnName** | **Datatype** | **Nullable** |
| 1 | PaymentStatusId | int | not null |
| 2 | StatusName | Varchar | not null |
|  |  |  |  |

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