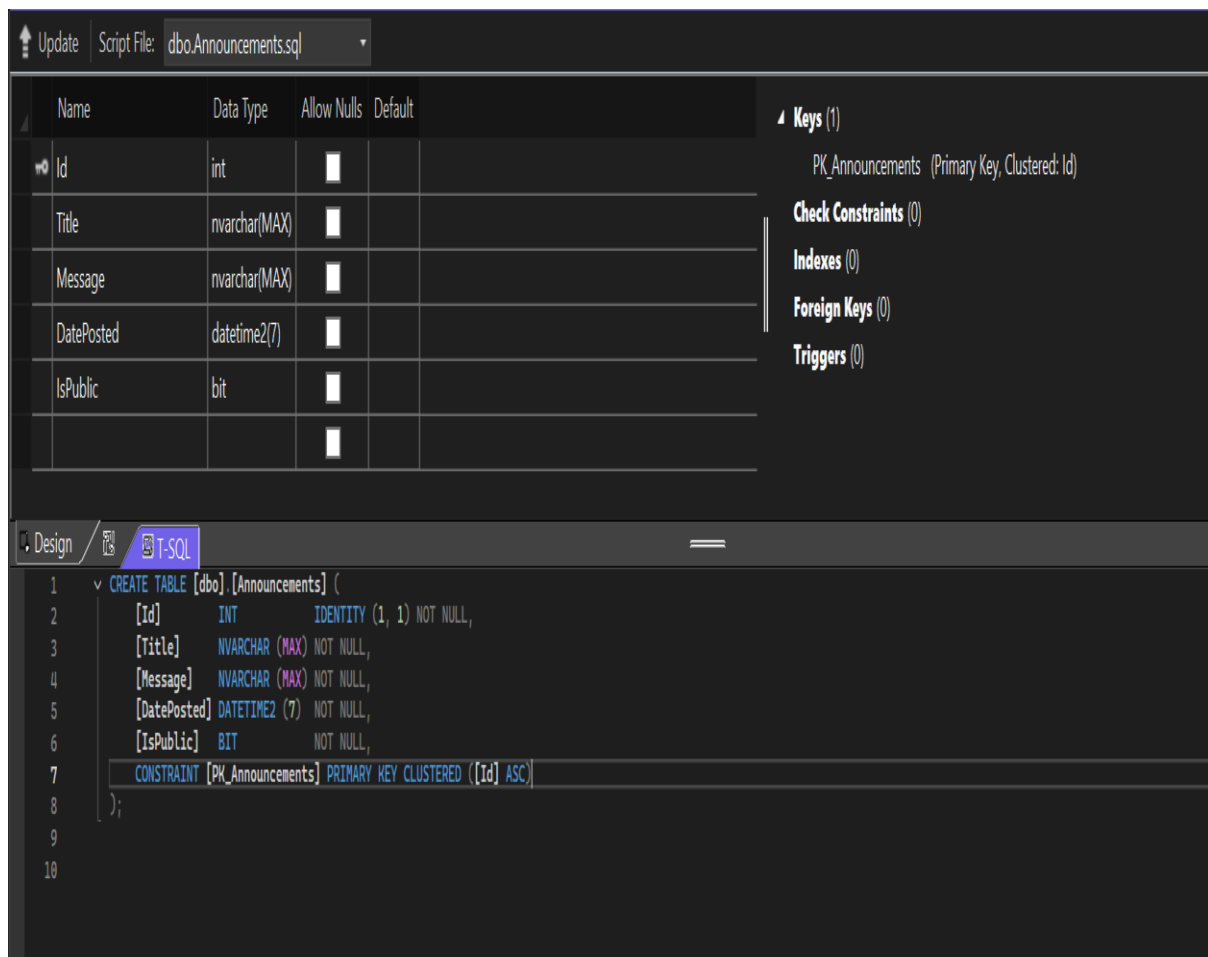# NATIONAL SCHOLARSHIP PORTAL

DATA BASE STRUCTURE

This document represents the database structure used for the Scholarship Management System. It includes essential tables such as Announcements, Student, Contact Message, Student Applications, Institution Application, and Scholarship Scheme.

Each table is briefly described below

1. Announcements Table

This table stores information about various scholarship-related announcements made by the Admin/Officer's. It helps students stay updated with the latest news, deadlines, and notifications.

2. Contact Messages

This table records queries or feedback messages sent by users through the website contact form.

3. Student Table

Stores the personal and login details of students who register on the portal.

4. Institute Applications Table

Stores the information about institutions applying or registration and used for login purposes.


```sql
CREATE TABLE [dbo].[InstituteApplications] (
    [Id]                          INT            IDENTITY (1, 1) NOT NULL,
    [InstituteName]               NVARCHAR (MAX) NOT NULL,
    [State]                       NVARCHAR (MAX) NOT NULL,
    [District]                    NVARCHAR (MAX) NOT NULL,
    [InstituteCode]               NVARCHAR (MAX) NOT NULL,
    [DISECode]                    NVARCHAR (MAX) NOT NULL,
    [PasswordHash]                NVARCHAR (MAX) NOT NULL,
    [Location]                    NVARCHAR (MAX) NOT NULL,
    [InstituteType]               NVARCHAR (MAX) NOT NULL,
    [AffiliatedUniversityState]   NVARCHAR (MAX) NOT NULL,
    [UniversityBoardName]         NVARCHAR (MAX) NOT NULL,
    [YearAdmissionStarted]        INT            NOT NULL,
    [Address]                     NVARCHAR (MAX) NOT NULL,
    [PrincipalName]               NVARCHAR (MAX) NOT NULL,
    [MobileNumber]                NVARCHAR (MAX) NOT NULL,
    [Telephone]                   NVARCHAR (MAX) NULL,
    [EstablishCertificatePath]    NVARCHAR (MAX) NOT NULL,
    [AffiliationCertificatePath]  NVARCHAR (MAX) NOT NULL,
    [DeclarationAccepted]         BIT            NOT NULL,
    [Status]                      NVARCHAR (MAX) NOT NULL,
    [SubmittedOn]                 DATETIME2 (7)  NOT NULL,
    [ApprovedOn]                  DATETIME2 (7)  NULL,
    [IsActiveLogin]               BIT            NOT NULL,
    [AdminNotes]                  NVARCHAR (MAX) NULL,
    [LastUpdatedOn]               DATETIME2 (7)  NOT NULL,
    [SecurityQuestion]            NVARCHAR (MAX) NOT NULL,
    [SecurityAnswer]              NVARCHAR (MAX) NOT NULL,
    CONSTRAINT [PK_InstituteApplications] PRIMARY KEY CLUSTERED ([Id] ASC)
);
```

5. Student Applications

Stores details of scholarship applications submitted by students, including their application status and applied scholarship.

Name	Data Type	Allow Nulls	Default
Id	int	☐	
Email	nvarchar(MAX)	☐	
StudentName	nvarchar(MAX)	☐	
DateSubmitted	datetime2(7)	☑	
Status	nvarchar(MAX)	☐	
SchemeName	nvarchar(MAX)	☑	
Gender	nvarchar(MAX)	☐	
DateOfBirth	datetime2(7)	☑	
MobileNumber	nvarchar(MAX)	☐	
AadharNumber	nvarchar(MAX)	☐	
InstituteName	nvarchar(MAX)	☑	
InstituteCode	nvarchar(MAX)	☑	
PresentCourse	nvarchar(MAX)	☑	
PresentCourseYear	nvarchar(MAX)	☑	
UniversityOrBoardName	nvarchar(MAX)	☑	
PreviousClassPercentage	nvarchar(MAX)	☑	
X_RollNumber	nvarchar(MAX)	☑	
X_BoardName	nvarchar(MAX)	☑	
X_PassingYear	nvarchar(MAX)	☑	

Keys (1)
　PK_StudentApplications　(Primary Key, Clustered: Id)
Check Constraints (0)
Indexes (0)
Foreign Keys (0)
Triggers (0)

Name	Data Type	Allow Nulls	Default
X_Percentage	nvarchar(MAX)	☑	
XII_RollNumber	nvarchar(MAX)	☑	
XII_BoardName	nvarchar(MAX)	☑	
XII_PassingYear	nvarchar(MAX)	☑	
XII_Percentage	nvarchar(MAX)	☑	
AdmissionFee	decimal(18,2)	☑	
TuitionFee	decimal(18,2)	☑	
OtherFee	decimal(18,2)	☑	
FatherName	nvarchar(MAX)	☑	
MotherName	nvarchar(MAX)	☑	
GuardianName	nvarchar(MAX)	☑	
FamilyAnnualIncome	decimal(18,2)	☑	
ParentsProfession	nvarchar(MAX)	☑	
NoOfSiblings	int	☑	
IsDisabled	bit	☑	
DisabilityType	nvarchar(MAX)	☑	
DisabilityPercent	nvarchar(MAX)	☑	
MaritalStatus	nvarchar(MAX)	☑	
BankName	nvarchar(MAX)	☑	

Keys (1)
　PK_StudentApplications　(Primary Key, Clustered: Id)
Check Constraints (0)
Indexes (0)
Foreign Keys (0)
Triggers (0)

Name	Data Type	Allow Nulls	Default
IFSCCode	nvarchar(MAX)	☑	
BankAccount	nvarchar(MAX)	☑	
State	nvarchar(MAX)	☑	
District	nvarchar(MAX)	☑	
BlockOrTaluk	nvarchar(MAX)	☑	
HouseNumber	nvarchar(MAX)	☑	
StreetNumber	nvarchar(MAX)	☑	
Pincode	nvarchar(MAX)	☑	
PhotoPath	nvarchar(MAX)	☑	
InstituteIdCardPath	nvarchar(MAX)	☑	
CasteIncomeCertificatePath	nvarchar(MAX)	☑	
PreviousMarksheetPath	nvarchar(MAX)	☑	
FeeReceiptPath	nvarchar(MAX)	☑	
BankPassbookPath	nvarchar(MAX)	☑	
AadharPath	nvarchar(MAX)	☑	
XMarksheetPath	nvarchar(MAX)	☑	
XIIMarksheetPath	nvarchar(MAX)	☑	
BonafideCertificatePath	nvarchar(MAX)	☑	
AdminNotes	nvarchar(MAX)	☑	

Keys (1)
　PK_StudentApplications　(Primary Key, Clustered: Id)
Check Constraints (0)
Indexes (0)
Foreign Keys (0)
Triggers (0)

ApprovedOn	datetime2(7)	☑		
LastUpdatedOn	datetime2(7)	☑		
SchemeId	int	☑		
ScholarshipId	int	☐		
Scholarship	nvarchar(MAX)	☐		
Course	nvarchar(MAX)	☐		
		☐		

Update Script File: dbo.StudentApplications.sql

```sql
1   CREATE TABLE [dbo].[StudentApplications] (
2       [Id]                        INT             IDENTITY (1, 1) NOT NULL,
3       [Email]                     NVARCHAR (MAX)  NOT NULL,
4       [StudentName]               NVARCHAR (MAX)  NOT NULL,
5       [DateSubmitted]             DATETIME2 (7)   NULL,
6       [Status]                    NVARCHAR (MAX)  NOT NULL,
7       [SchemeName]                NVARCHAR (MAX)  NULL,
8       [Gender]                    NVARCHAR (MAX)  NOT NULL,
9       [DateOfBirth]               DATETIME2 (7)   NULL,
10      [MobileNumber]              NVARCHAR (MAX)  NOT NULL,
11      [AadharNumber]              NVARCHAR (MAX)  NOT NULL,
12      [InstituteName]             NVARCHAR (MAX)  NULL,
13      [InstituteCode]             NVARCHAR (MAX)  NULL,
14      [PresentCourse]             NVARCHAR (MAX)  NULL,
15      [PresentCourseYear]         NVARCHAR (MAX)  NULL,
16      [UniversityOrBoardName]     NVARCHAR (MAX)  NULL,
17      [PreviousClassPercentage]   NVARCHAR (MAX)  NULL,
18      [X_RollNumber]              NVARCHAR (MAX)  NULL,
19      [X_BoardName]               NVARCHAR (MAX)  NULL,
20      [X_PassingYear]             NVARCHAR (MAX)  NULL,
21      [X_Percentage]              NVARCHAR (MAX)  NULL,
22      [XII_RollNumber]            NVARCHAR (MAX)  NULL,
23      [XII_BoardName]             NVARCHAR (MAX)  NULL,
24      [XII_PassingYear]           NVARCHAR (MAX)  NULL,
25      [XII_Percentage]            NVARCHAR (MAX)  NULL,
26      [AdmissionFee]              DECIMAL (18, 2) NULL,
27      [TuitionFee]                DECIMAL (18, 2) NULL,
28      [OtherFee]                  DECIMAL (18, 2) NULL,
29      [FatherName]                NVARCHAR (MAX)  NULL,
30      [MotherName]                NVARCHAR (MAX)  NULL,
31      [GuardianName]              NVARCHAR (MAX)  NULL,
32      [FamilyAnnualIncome]        DECIMAL (18, 2) NULL,
33      [ParentsProfession]         NVARCHAR (MAX)  NULL,
34      [NoOfSiblings]              INT             NULL,
35      [IsDisabled]                BIT             NULL,
36      [DisabilityType]            NVARCHAR (MAX)  NULL,
37      [DisabilityPercent]         NVARCHAR (MAX)  NULL,
38      [MaritalStatus]             NVARCHAR (MAX)  NULL,
```

Update Script File: dbo.StudentApplications.sql

```sql
39      [BankName]                      NVARCHAR (MAX)  NULL,
40      [IFSCCode]                      NVARCHAR (MAX)  NULL,
41      [BankAccount]                   NVARCHAR (MAX)  NULL,
42      [State]                         NVARCHAR (MAX)  NULL,
43      [District]                      NVARCHAR (MAX)  NULL,
44      [BlockOrTaluk]                  NVARCHAR (MAX)  NULL,
45      [HouseNumber]                   NVARCHAR (MAX)  NULL,
46      [StreetNumber]                  NVARCHAR (MAX)  NULL,
47      [Pincode]                       NVARCHAR (MAX)  NULL,
48      [PhotoPath]                     NVARCHAR (MAX)  NULL,
49      [InstituteIdCardPath]           NVARCHAR (MAX)  NULL,
50      [CasteIncomeCertificatePath]    NVARCHAR (MAX)  NULL,
51      [PreviousMarksheetPath]         NVARCHAR (MAX)  NULL,
52      [FeeReceiptPath]                NVARCHAR (MAX)  NULL,
53      [BankPassbookPath]              NVARCHAR (MAX)  NULL,
54      [AadharPath]                    NVARCHAR (MAX)  NULL,
55      [XMarksheetPath]                NVARCHAR (MAX)  NULL,
56      [XIIMarksheetPath]              NVARCHAR (MAX)  NULL,
57      [BonafideCertificatePath]       NVARCHAR (MAX)  NULL,
58      [AdminNotes]                    NVARCHAR (MAX)  NULL,
59      [ApprovedOn]                    DATETIME2 (7)   NULL,
60      [LastUpdatedOn]                 DATETIME2 (7)   NULL,
61      [SchemeId]                      INT             NULL,
62      [ScholarshipId]                 INT             NOT NULL,
63      [Scholarship]                   NVARCHAR (MAX)  NOT NULL,
64      [Course]                        NVARCHAR (MAX)  NOT NULL,
65      CONSTRAINT [PK_StudentApplications] PRIMARY KEY CLUSTERED ([Id] ASC)
66  );
67
68
```

6.Scholarship Scheme

This table contains information about all available scholarships including eligibility and amount ,etc.

Name	Data Type	Allow Nulls	Default
Id	int	☐	
Name	nvarchar(MAX)	☐	
Description	nvarchar(MAX)	☐	
Amount	decimal(18,2)	☐	
EligibilityCriteria	nvarchar(MAX)	☐	
ApplicationDeadline	datetime2(7)	☐	
RequiredDocuments	nvarchar(MAX)	☐	
CreatedBy	nvarchar(MAX)	☐	
CreatedOn	datetime2(7)	☐	
LastModifiedBy	nvarchar(MAX)	☑	
LastModifiedOn	datetime2(7)	☑	

Keys (1)
PK_Sc
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Indexes
Foreign
Triggers

```sql
CREATE TABLE [dbo].[ScholarshipSchemes] (
    [Id]                INT            IDENTITY (1, 1) NOT NULL,
    [Name]              NVARCHAR (MAX) NOT NULL,
    [Description]       NVARCHAR (MAX) NOT NULL,
    [Amount]            DECIMAL (18, 2) NOT NULL,
    [EligibilityCriteria] NVARCHAR (MAX) NOT NULL,
    [ApplicationDeadline] DATETIME2 (7)  NOT NULL,
    [RequiredDocuments] NVARCHAR (MAX) NOT NULL,
    [CreatedBy]         NVARCHAR (MAX) NOT NULL,
    [CreatedOn]         DATETIME2 (7)  NOT NULL,
    [LastModifiedBy]    NVARCHAR (MAX) NULL,
    [LastModifiedOn]    DATETIME2 (7)  NULL,
    CONSTRAINT [PK_ScholarshipSchemes] PRIMARY KEY CLUSTERED ([Id] ASC)
```

93 %   ✔ No issues found

🖳 Connection Ready