**Institute Management System**

**Modules:**

* Admin Login
* Student Management
* Courses Management
* Fees Management
* Reports

StudentAdmission Form:

Student Admission

**Personal Information**

Date:

Last Name

First Name

Dob

Gender 

Adhar Number

Mobiler Number

**Qualification**

Fees

Course name

Qualification 

Address

**Address**

Address Line1

Address Line2

Country

State

City

AddmissionForm Validations:

Sumbit

1. All Fields are required except Adhar Number.

**Validations:**

1. All Fields are required except Adhar Number Field.
2. Dob should not be greater then current date and student age should be greater then or equal to 18.
3. Mobile Number Should be exactly Equals to 10.
4. Adhar Number Should be exactly equals to 12.

Form Created using reactiveForm .After Clicking on Submit button field Contents would be captured using FormBuilder and shown on console.

Calling a HtppClient request,response using services.

**StudentDetailsList**

**Student Details**

Actions

Course Name

Name

Student Id

Edit

Delete

Database Name: InstituteManagementSystem

Table Name: StudentDetails

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No | Field Name | Datatype | | Constraints |
| 1 | Id | | Int | Primary Key (identity=true) |
| 2 | FirstName | | Varchar(45) | Not Null |
| 3 | LastName | | Varchar(45) | Not Null |
| 4 | Gender | | enum | Not Null |
| 5 | Dob | | Date | Not Null |
| 6 | Mobile Number | | int | Not Null |
| 7 | Adhar Number | | int | Null |
| 6 | Qualification | | Varchar(45) | Not Null |
| 7 | Course id | | int | Foreign Key |
| 8 | Course Name | | Varchar(45) | Not Null |
| 9 | Fees | | Double | Not Null |
| 10 | Address Line 1 | | Varchar(45) | Not Null |
| 11 | Address Line 2 | | Varchar(45) | Not Null |
| 12 | City | | Varchar(45) | Not Null |
| 13 | State | | Varchar(45) | Not Null |
| 14 | Country | | Varchar(45) | Not Null |
| 15 | Admin Name | | Varchar(45) | Not Null |
| 16 | AdmissionDate | | Timestamp | Not Null |

**Project Name**: InstituteManagementSystem

1. Creating a Admission.cs File.
2. Creating a interface IAdmission.cs
3. Creating DbContext .cs
4. Creating a Repository AdmissionRepo.cs.
5. Creating Service AdmissionService.cs.
6. Creating Controller AdmissionController.cs