**About CRUD :**

This Project Implementing the Basic CRUD Operations like CREATE, READ, UPDATE, and DELETE Functionalities.

Here I had utilized the **“ID Card Management System”** Idea for the CRUD Operations.

**Why we need ID Card Design Management System?**

If we request a ID Card Design from a Design Shop/Photo Studio normally it takes some number of days to complete the Process. If a customer running out of deadline, on that time he has to pay more money to the shop for the last minute Design works.

Sometimes, customers requirement was rejected by the client(shops) due to lack of time/Employees. Sometimes Employees has to work for the late night for Last Minute Design works . To Overcome this, Introducing a Application here. It will having the existing ID Card Samples Information’s and Templates as PSD Files/ Images. And We can able to Create ID Card Designs by the Templates Provided in the Application.

**ID Card Design Formats :**

* PSD Files
* Images (JPG/PNG)
* MSWord
* HTML

**Image Size:**

* 1280x720

**Project Types:**

* ASP.Net Web Application (MVC)
* .NET Framework Class Library

**Design Pattern:**

* Repository Pattern

**Design Software Used:**

* Adobe Photoshop CS6

**Client Site Technologies/Frameworks:**

* JavaScript
* HTML
* CSS
* Knockout JS
* Ajax
* BootStrap

**Server Side Technologies/Frameworks:**

* C#
* Entity Framework Core
* LINQ

**Packages:**

* Microsoft.EntityFrameworkCore (3.1.6)
* Microsoft.EntityFrameworkCore.SqlServer (3.1.6)
* Unity.MVC5 (1.4.0.0)

**Dependency Injection:**

* Unity

**ID Card Size:**

* Card Size**:** 900x1420 Pixels (Width x Height)
* Photo Size:

**ID Card Text Information:**

* Font Type**:** Fraktur Font
* Font Size**:**
* **Min/Max Field Lengths:**
  + Phone Number:
  + DOB :
  + Blood Group: B+ / B Positive
  + Address:
  + First Name: John / SpringBusco
  + Last Name: R / Wiliams
  + Employee Code : SF345 / GLC009KEN
  + Student Code : CN001 / CNXII5678
  + Company Address:
  + School Address:
* **Text Field Formats:**
  + Date Of Birth: Day-Month-Year (Or) Day/Month/Year
  + Phone Number**:** XXX-XXX-XXXX / XXXXX-XXXXX / +YY+XXXX-XXXX-XX