**Database Design/Structure**

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| **Table : Account** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| AccountId | Int | No | PK | Stores the ID of Account |
| RoleId | Int | No | FK | Stores the ID of Role |
| UserName | Nvarchar(100) | Yes |  | Stores the userName of Account |
| PassWord | Nvarchar(100) | Yes |  | Stores the password of Account |
| DateCreation | DateTime | Yes |  | Stores the date when Create Account |
| FullName | Nvarchar(100) | Yes |  | Stores the full name of Account |
| BirthDay | DateTime | Yes |  | Stores the birth day of Account |
| Gender | Bit | Yes |  | Stores the gender of Account |
| Phone | Nvarchar(100) | Yes |  | Stores the number phone of Account |
| Email | Nvarchar(100) | Yes |  | Stores the address Email of Account |
| Address | Nvarchar(255) | Yes |  | Stores the address of Account |

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| **Table : Admin** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| AdminId | Int | No | PK | Stores the ID of Admin |
| AccountId | Int | No | FK | Stores the ID of Account |

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| **Table : Assignment** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| AssignmentId | Int | No | PK | Stores the ID of Assignment |
| SubjectId | Int | No | FK | Stores the ID of Subject |
| StaffId | Int | No | FK | Stores the ID of Staff |
| BatchId | Int | No | FK | Stores the ID of Batch |
| AssignmentName | Nvarchar(100) | Yes |  | Stores the Name of Assignment |
| AssignmentFile | Nvarchar(255) | Yes |  | Stores the Link File of Assignment |
| StartDate | DateTime | Yes |  | Stores the StartDate of Assignment |
| EndDate | DateTime | Yes |  | Stores the EndDate of Assignment |

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| **Table : Batch** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| BatchId | Int | No | PK | Stores the ID of Batch |
| CourseId | Int | No | FK | Stores the ID of Course |
| SemesterId | Int | No | FK | Stores the Id of Semester |
| BatchName | Nvarchar(100) | Yes |  | Stores the Name of Batch |
| StartDate | DateTime | Yes |  | Stores the StartDate of Batch |

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| **Table : Course** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| CourseId | Int | No | PK | Stores the ID of Course |
| CourseName | Nvarchar(100) | Yes |  | Stores the Name of Course |
| DateStart | DateTime | Yes |  | Stores the DateStart of Course |
| DateEnd | DateTime | Yes |  | Stores the DateEnd of Course |

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| **Table : FAQ** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| FAQId | Int | No | PK | Stores the ID of FAQ |
| Question | Ntext | Yes |  | Stores the Question of FAQ |
| Answer | Ntext | Yes |  | Stores the Answer of FAQ |
| DateCreation | DateTime | Yes |  | Storers the DateCreation of FAQ |

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| **Table : FeedBack** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| FeedBackId | Int | No | PK | Stores the ID of FeedBack |
| StudentId | Int | No | FK | Stores the ID of Student |
| FeedBackTitle | Nvarchar(100) | Yes |  | Stores the Title of FeedBack |
| FeedBackContent | Ntext | Yes |  | Stores the Content of FeedBack |
| DateCreation | DateTime | Yes |  | Stores the DateCreation of FeedBack |

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| **Table : FeedBackAnswer** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| FeedBackAnswerId | Int | No | PK | Stores the ID of FeedBackAnswer |
| FeedBackId | Int | No | FK | Stores the ID of FeedBack |
| StaffId | Int | No | FK | Stores the ID of Staff |
| FeedBackAnswer | Ntext | Yes |  | Stores the Answer of FeedBack |
| DateCreation | DateTime | Yes |  | Stores the DateCreation of FeedBack |

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| **Table : News** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| NewsId | Int | No | PK | Stores the ID of News |
| NewsCategoryId | Int | No | FK | Stores the ID of NewsCategory |
| Title | Nvarchar(100) | Yes |  | Stores the Title of News |
| Picture | Nvarchar(100) | Yes |  | Stores the Picture of News |
| SubContent | Nvarchar(150) | Yes |  | Stores the SubContent of News |
| NewsContent | Ntext | Yes |  | Stores the Content of News |
| DateCreation | DateTime | Yes |  | Stores the DateCreation of News |

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| **Table : NewsCategories** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| NewsCategoryId | Int | No | PK | Stores the ID of NewsCategory |
| NewsCategoryName | Nvarchar(100) | Yes |  | Stores the Name of NewsCategory |
| Description | Nvarchar(200) | Yes |  | Stores the Description of NewsCategory |

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| **Table : Roles** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| RolesId | Int | No | PK | Stores the ID of Roles |
| RoleName | Nvarchar(100) | Yes |  | Stores the Name of Roles |
| Description | Nvarchar(100) | Yes |  | Stores the Description of Roles |

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| **Table : Semester** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| SemesterId | Int | No | PK | Stores the ID of Semester |
| SemesterName | Nvarchar(100) | Yes |  | Stores the Name of Semester |
| SemesterTime | Int | Yes |  | Stores the Time of Semester |

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| **Table : Staff** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| StaffId | Int | No | PK | Stores the ID of Staff |
| AccountId | Int | No | FK | Stores the ID of Account |

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| **Table : StaffAndBatch** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| StaffAndBatchId | Int | No | PK | Stores the ID of StaffAndBatch |
| StaffId | Int | No | FK | Stores the ID of Staff |
| BatchId | Int | No | FK | Stores the ID of Batch |

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| **Table : Student** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| StudentId | Int | No | PK | Stores the ID of Student |
| RollNumber | Nvarchar(50) | No |  | Stores the RollNumber of Student |
| AccountId | Int | No | FK | Stores the ID of Account |
| BatchId | Int | Yes | FK | Stores the ID of Batch |

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| **Table : StudentWork** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| StudentWorkId | Int | No | PK | Stores the ID of StudentWork |
| StudentId | Int | No | FK | Stores the ID of Student |
| AssignmentId | Int | No | FK | Stores theID of Assignment |
| FileUpload | Nvarchar(255) | Yes |  | Stores the FileUpload of StudentWork |
| Mark | Float | Yes |  | Stores the Mark of StudentWork |
| DateUpload | DateTime | Yes |  | Stores the DateUploaf of StudentWork |

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| **Table : Subject** | | | | |
| **Field Name** | **Data Type** | **Null** | **Key** | **Description** |
| SubjectId | Int | No | PK | Stores the ID of Subject |
| SubjectName | Nvachar(100) | Yes |  | Stores the Name of Subject |