**TABLE DESIGN**

**Login Table**

Primary Key: User\_ id

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| User\_ id | INT | User id |
| Username | varchar (8) | User name |
| Password | varchar (8) | Password |

**Branch Table**

Primary key: Branch \_Code

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| Branch\_ Code | INT | Branch\_Code |
| Branch Name | varchar(10) | Branch Name |

**Semester Table**

Primary Key: SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| SemesterCode | INT | SemesterCode |
| SemesterName | varchar(50) | SemesterName |

**Branch Semester Table**

Primary key: ID

Foreign key: BranchCode, SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| ID | INT | ID |
| Branch\_Code | INT | BranchCode |
| SemesterCode | INT | SemesterCode |

**Subject Table**

Primary Key: SubjectCode

Foreign key: BranchCode, SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| SubjectCode | INT | SubjectCode |
| Subject | INT | Subject |
| BranchCode | varchar(50) | BranchCode |
| SemesterCode | Date | SemesterCode |

**Branch Sem Subject Table**

Primary key: SubjectCode

Foreign key: BranchCode, SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| SubjectCode | INT | SubjectCode |
| BranchCode | INT | BranchCode |
| SemesterCode | INT | SemesterCode |

**Staff Table**

Primary Key: StaffCode

Foreign key: BranchCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| StaffCode | INT | StaffCode |
| StaffName | varchar(100) | StaffName |
| Gender | varchar(7) | Gender |
| Address | varchar(MAX) | Address |
| BranchCode | INT | BranchCode |
| DOB | Date | DOB |
| DOJ | Date | DOJ |
| Designation | varchar(100) | Designation |
| UserName | varchar(50) | UserName |
| Password | varchar(8) | Password |
| Approval | Varcher(10) | Approval |

**Student Table**

Primary Key: RegisterNumber

Foreign key: BranchCode, SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| RegisterNumber | INT | RegisterNumber |
| StudentName | varchar(50) | StudentName |
| BranchCode | INT | BranchCode |
| SemesterCode | INT | SemesterCode |
| Gender | Varchar(6) | Gender |
| Mobile | Varchar(10) | Mobile |
| Email | varchar(60) | Email |
| DOB | Date | DOB |
| DOJ | Date | DOJ |
| Password | varchar(8) | Password |
| Address | Varchar(50) | Address |
| Approval | Varchar(10) | Approval |

**Exam Table**

Primary Key: ExamCode

Foreign key: BranchCode, SubjectCode, SemesterCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| ExamCode | INT | ExamCode |
| ExamName | Varchar(50) | ExamName |
| ExamDate | DATE | ExamDate |
| FromTime | varchar(10) | FromTime |
| ToTime | varchar(10) | ToTime |
| BranchCode | INT | BranchCode |
| SemesterCode | INT | SemesterCode |
| SubjectCode | INT | SubjectCode |

**Hall Table**

Primary Key: HallCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| HallCode | INT | HallCode |
| HallName | varchar(50) | HallName |
| Capacity | INT | Capacity |
| Batch\_id | INT | Batch\_id |

**Student Hall Allotment Table**

Primary Key: AllotmentID

Foreign key : RegisterNumber,HallCode,ExamCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| AllotmentID | INT | AllotmentID |
| ExamCode | INT | ExamCode |
| ExamName | varchar(50) | ExamName |
| ExamDate | Date | ExamDate |
| HallCode | INT | HallCode |
| SeatNumber | INT | SeatNumber |
| RegisterNumber | Varchar(50) | RegisterNumber |

**Staff Hall Allotment Table**

Primary Key: AllottmentID

Foreign key: StaffCode,HallCodess, ExamCode

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| AllottmentID | INT | AllottmentID |
| ExamCode | INT | ExamCode |
| ExamName | varchar(50) | ExamName |
| ExamDate | Date | ExamDate |
| HallCode | INT | HallCode |
| StaffCode | INT | StaffCode |

**Complaints Table**

Primary key: ComplaintID

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| ComplaintID | INT | ComplaintID |
| ComplaintTitle | Varchar(50) | ComplaintTitle |
| ComplaintDescription | Varchar(20) | ComplaintDescription |
| PostedBy | INT | PostedBy |

**Reply Table**

Primary Key: ReplyID

Foreign key: ComplaintID

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| ReplyID | INT | ReplyID |
| ComplaintID | INT | ComplaintID |
| ReplyDescription | Varchar(MAX) | ReplyDescription |
| ReplyFrom | INT | ReplyFrom |