* **Database Design:**

**1] User**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| UserId | Integer | No | Primary key | Auto, NotNull | UserID |
| Fname | Varchar(45) | No |  | Not Null | First Name |
| Lname | Varchar(45) | No |  | Null | Last Name |
| EmailId | Varchar(45) | No |  | Not Null | Email ID Of User |
| Password | Varchar(15) | No |  | Not Null | Account Password |
| ContactNo | LongInteger | No |  | Uni,  Not Null | Contact No. Of User |
| Address | Varchar(100) | No |  | Not Null | Permanent Address |
| Gender | Varchar(1) | No |  | Not Null | Gender Information(M/F) |
| Image | BLOB | No |  | Null | Image File Name |

**2] Counsellor**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| CounsellorId | Integer | No | Primary  Key | Auto,  Not Null | Cid |
| UserId | Integer | No | Foreign key | Not Null | UserID ref from User |
| Specialization | Varchar(15) | No |  | Not Null | Counsellor Specialization |
| Experience | Year | No |  | Not Null | Counsellor Experience |
| HandledCaseCount | Integer | No |  | Not Null | No of Cases Handled by Counsellor |

**3] Customer**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| CustomerId | Integer | No | Primary  Key | Auto,  Not Null | Custid |
| UserId | Integer | No | Foreign key | Not Null | UserID ref from User |
| CounsellingType | Varchar(15) | No |  | Not Null | Counselling Type |
| NickName | Varchar(15) | No |  | Null | Nick Name of Customer |

**4] CaseBook**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| CaseId | Integer | No | Primary key | Auto, Not Null | CaseID |
| CustomerId | Integer | No | Foreign key | Not Null | CustomerId ref from Customer |
| CounsellorId | Integer | No | Foreign key | Not Null | CounsellorId ref from Counsellor |
| CaseStartDate | DateTime | No |  | Not Null | Start Date of Case |
| CaseEndDate | DateTime | No |  | Not Null | End Date of Case |
| CaseStatus | Varchar(15) | No |  | Not null | Status of Case |

**5] BankDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| DetailId | Integer | No | Primary key | Auto, Not Null | Transaction ID |
| UserId | Integer | No | Foreign key | Not Null | Reference to Userid From User |
| UserAccNo | LongInteger | No |  | Not Null | User Account Number |
| BankName | Varchar(30) | No |  | Not Null | User Bank Name |
| BranchName | Varchar(15) | No |  | Not Null | User Branch name |
| IFSCCode | Varchar(15) | No |  | Not Null | Bank IFSC code |

**6] TransactionDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| TransactionDetailId | Integer | No | Primary key | Auto, Not Null | Transaction ID |
| UserId | Integer | No | Foreign key | Not Null | Reference to Userid From User |
| Amount | Double | No |  | Not Null | Amount To Be Transfer |
| TransactionDateTime | DateTime | No |  | Not Null | Date Time OF Transaction |
| TransactionStatus | Varchar(1) | No |  | Null | Transaction Approval Status(Y/N) |
| TransactionType | Varchar(10) | No |  | Not Null | (Credit/Debit) |
| CaseId | Integer | No | Foreign key | Not Null | Ref From CaseBook |

**7] CounsellorAvailability**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| AvailabilityId | Integer | No | Primary key | Auto, Not Null | AvailabilityId |
| CounsellorId | Integer | No | Foreign key | Auto, Not Null | CounsellorId ref from Counsellor |
| BusyDate | Date | No |  | Not Null | Busy Dates of Counsellor |

**8] Feedback**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| FeedbackId | Integer | No | Primary key | Auto, Not Null | Feedback Id |
| UserId | Integer | No | Foreign key | Auto, Not Null | UserId ref from User |
| CaseId | Integer | No |  | Not Null | Feedback from Customer to Counsellor |
| Comment | Varchar(45) | No |  | Not Null | Comment for Counsellor based on Session |
| Rating | Integer | No |  | Not Null | Rating for Counsellor |