Manpower Recruiting Agency Database Normalization

**Global Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Country | Company | File | FileType | FileTransfer | CallingStatus  (Enum) | trainingCenter |
| Countryid (PK)  Name | **Companyid (PK)**  **Name**  **Details**  **Address**  **Email**  **Phone**  **Country(FK)** | **Fileid (PK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Filetypeid (PK)**  **Name** | **Filetransferid (PK)**  **Fileid (FK)**  **Datetime**  **From**  **To**  **Note** | 1. **BARU** 2. **LULUS** 3. **BAYAR** 4. **SUCCESSFUL** | **Trainingcenterid**  **Name**  **Address**  **Phone**  **Email** |

**Demand Section**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demand | Trade | Demandissue | DemandIssueComment | DemandFile |
| Demandid (PK)  Title  Companyid(Fk)  DemandExpiryDate | **Tradeid (PK)**  **Demandid (FK)**  **Jobtitle**  **Malequota**  **Femalequota**  **Age**  **Salary**  **Currency**  **Workinghours**  **Overtime**  **Food**  **Accommodation**  **Contractperiod** | **DemandIssueid (PK)**  **DemandId (FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **DemandIssueCommentId (PK)**  **DemandIssueid (FK)**  **Comment** | **Demandfileid (PK)**  **DemandId (FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** |

|  |
| --- |
| Agent |
| **Agentid(PK)**  **Name**  **Address**  **Phonenumber**  **Email** |

**Agent Section**

**Applicant Section**

|  |  |  |  |
| --- | --- | --- | --- |
| Applicant | ApplicantFile | ApplicantIssue | ApplicantIssueComment |
| **Applicantid (PK)**  **Name**  **Father’sname**  **Mother’sname**  **Spouse**  **//Birthplace**  **Pressentaddress**  **Permanentaddress**  **Dathofbirth**  **Height**  **Weight**  **Mobilenumber**  **Passportnumber**  **Passportexpiry**  **NID No**  **Birthcertificate No**  **Nationality**  **Gender(Enumdata)**  **Religion(Enumdata)**  **Maritalstatus(Enumdata)**  **Picture**  **Email**  **Education(Enumdata)**  **Agent(FK)**  **Experience** | **Applicantfileid(PK)**  **Applicantid (FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Applicantissueid(PK)**  **Applicantid(FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **ApplicantIssueCommentId**  **Applicantissueid (FK)**  **Comment** |

**Agency Section**

|  |  |
| --- | --- |
| Agency | SyndicateAgency |
| **Agencyid(PK)**  **Name**  **RL**  **Address**  **Contact No**  **Manager Ex : Korban Ali-018...**  **Accountant Ex : Saiful-018...** | **Syndicateagencyid (PK)**  **Agencyid (FK)** |

**Medical Section**

|  |
| --- |
| MedicalCenter |
| **Medicalcenterid (PK)**  **Name**  **Address**  **Phone**  **Fax**  **Email**  **Website** |

|  |  |  |  |
| --- | --- | --- | --- |
| MedicalRecord | MedicalFile | MedicalIssue | MedicalIssueComment |
| **Medicalrecordid (PK)**  **Demandid (FK)**  **Applicantid (FK)**  **Medicalcenterid (FK)**  **Syndicateagencyid (FK)**  **Medicalstatus**  **Slipissuedate**  **Medicaldate**  **Expirydate** | **Medicalfileid(PK)**  **Medicalrecordid (FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Medicalissueid(PK)**  **Medicalrecordid (FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **MedicalIssueCommentId**  **Medicalissueid (FK)**  **Comment** |

**Application Section / Transfer Section**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Application | ApplicationFile | ApplicationIssue | ApplicationIssueComment | ApplicationFileTransfer |
| **ApplicationId (PK)**  **Tradeid (FK)**  **ApplicantId (FK)**  **AgencyId (FK) //Allocation**  **ApplicationDate**  **Status** | **Applicationfileid (PK)**  **Applicationid (FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Applicationssueid(PK)**  **Applicationid (FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **ApplicationIssueCommentId (PK)**  **Applicationssueid (FK)**  **Comment** | **Applicationfiletransferid (PK)**  **Applicationid (FK)**  **Filetypeid (FK)**  **TransferDate**  **From**  **To**  **Note** |

**Calling Section**

|  |  |  |  |
| --- | --- | --- | --- |
| Calling | CallingFile | CallingIssue | CallingIssueComment |
| **Callingid(PK)**  **Applicantid (FK)**  **Tradeid (FK)**  **Callingstatus // Enum Data**  **Callinggroup**  **Callingissuedate** | **Callingfileid(PK)**  **Callingid(FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Callingissueid(PK)**  **Callingid(FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **CallingIssueCommentId (PK)**  **Callingissueid (FK)**  **Comment** |

**Forwarding Section**

|  |  |  |  |
| --- | --- | --- | --- |
| Forwarding | ForwardingFile | ForwardingIssue | ForwardingIssueComment |
| **Forwardingid (PK)**  **Applicantid (FK)** | **Forwardingfileid(PK)**  **Forwardingid(FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Forwardingissue (PK)**  **Forwardingid(FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **ForwardingIssueCommentId (PK)**  **Forwardingissue (FK)**  **Comment** |
| ForwardingFileTransfer | BMET | Training | FingerPrint |
| **Forwardingfiletransferid (PK)**  **Forwardingid (FK)**  **Applicationfileid (FK)**  **Datetime**  **From**  **To**  **Note** | **Bmetid (PK)**  **Forwardingid (FK)**  **Status** | **Trainingid(PK)**  **Trainingcenterid (FK)**  **ForwardingId (FK)**  **Trainingdate**  **Trainingstatus**  **Trainingduration** | **Fingerprintid (PK)**  **Forwardingid (FK)**  **Fingerprintstatus** |

**VisaSection**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Visa | VisaFile | VisaIssue | VisaIssueComment | VisaFileTransfer |
| **Visaid(PK)**  **VisaNumber**  **RefNumber**  **ApplicantId(FK)**  **IssueDate**  **ExpiryDate** | **Visafileid(PK)**  **Visaid(FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Visaissueid(PK)**  **Visaid(FK)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **VisaIssueCommentId (PK)**  **Visaissueid (FK)**  **Comment** | **Visafiletransferid (PK)**  **Visaid (FK)**  **Filetypeid (FK)**  **TransferDate**  **From**  **To**  **Note** |

**Flight Section**

|  |  |  |  |
| --- | --- | --- | --- |
| Flight | FlightFile | FlightIssue | FlightIssueComment |
| **FlightId(PK)**  **VisaId (FK)**  **AirlinesName**  **FlightNumber**  **DeparturePlace**  **DepartureDate**  **ArrivalPlace**  **ArrivalDate**  **FlightBy //Self/Company** | **Flightfileid(PK)**  **Flightbookingid(Fk)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** | **Flightissueid (PK)**  **Flightbookingid(Fk)**  **Title**  **Description**  **Status**  **Issuedate**  **Resolvedate** | **FlightIssueCommentId (PK)**  **FlightIssueId (FK)**  **Comment** |

**Rejected Applicant Section**

|  |
| --- |
| RejectedApplicant |
| **RejectedApplicantId(PK)**  **Applicantid(FK)**  **RejectedDate**  **Reason** |

|  |  |  |
| --- | --- | --- |
| Employee | Designation | EmployeeFile |
| **Employeeid (PK)**  **Name**  **Father’sname**  **Mother’sname**  **Spouse**  **Birthplace**  **Pressentaddress**  **Permanentaddress**  **Dathofbirth**  **Mobilenumber**  **NID No**  **Birthcertifecate No**  **Nationality**  **Gender(Enumdata)**  **Religion(Enumdata)**  **Maritalstatus(Enumdata)**  **Email**  **Photo**  **Education(Enumdata)**  **//Salary**  **Designationid(FK)** | **Designationid(PK)**  **Name** | **Employeefileid(PK)**  **Employeeid (FK)**  **Filetypeid (FK)**  **Description**  **Filepath**  **Datetime** |

**EmployeeSection**

**Authentication Section**

|  |  |  |
| --- | --- | --- |
| User | Role | User Role |
| **Userid(PK)**  **Username**  **Password**  **Employeeid (FK)** | **Roleid (PK)**  **Rolename** | **Userroleid (PK)**  **Roleid (FK)**  **Userid (FK)** |