

# **TABLE DESIGN**

**Submitted by,  
Gayathri Unnikrishnan  
RMCA  
Rollno:43**

### Users Table

| Field Name          | Datatype | Constraints |
|---------------------|----------|-------------|
| <b>UserID</b>       | Integer  | Primary Key |
| <b>Username</b>     | Integer  | Not null    |
| <b>UserPassword</b> | Varchar  | Not null    |

### Agents Table

| Field Name          | Datatype | Constraints      |
|---------------------|----------|------------------|
| <b>AgentID</b>      | Integer  | Primary Key      |
| <b>UserID</b>       | Varchar  | Foreign key      |
| <b>Agentname</b>    | Varchar  | Not null         |
| <b>Agentcontact</b> | Varchar  | Not null         |
| <b>Agentstatus</b>  | Varchar  | Active/Suspended |

### Migrant Workers Table

| Field Name            | Datatype | Constraints      |
|-----------------------|----------|------------------|
| <b>WorkerID</b>       | Integer  | Primary Key      |
| <b>AgentID</b>        | Integer  | Foreign Key      |
| <b>Worker name</b>    | Varchar  | Not null         |
| <b>Worker contact</b> | Varchar  | Not null         |
| <b>Worker status</b>  | Varchar  | Active/Suspended |

### Employers Table

| Field Name        | Datatype | Constraints |
|-------------------|----------|-------------|
| <b>EmpId</b>      | Integer  | Primary Key |
| <b>Empname</b>    | Varchar  | Not null    |
| <b>Empadd</b>     | Varchar  | Not null    |
| <b>Empcontact</b> | Varchar  | Not null    |
| <b>Jobname</b>    | Varchar  | Not null    |

### Document Varification Table

| Field Name          | Datatype | Constraints       |
|---------------------|----------|-------------------|
| <b>Varif_ID</b>     | Integer  | Primary Key       |
| <b>Worker_ID</b>    | Integer  | Foreign key       |
| <b>Doc_type</b>     | Varchar  | Not null          |
| <b>Doc_discrip</b>  | Varchar  | Not null          |
| <b>Varif_status</b> | Varchar  | Approved/Rejected |
| <b>Varif_date</b>   | Date     | Not null          |

### Payment Table

| Field Name        | Datatype | Constraints |
|-------------------|----------|-------------|
| <b>Pay_ID</b>     | Integer  | Primary Key |
| <b>Agent_ID</b>   | Integer  | Foreign Key |
| <b>Pay_amount</b> | Integer  | Not null    |
| <b>Pay_date</b>   | Date     | Not null    |

### Communication Table

| Field Name         | Datatype | Constraints |
|--------------------|----------|-------------|
| <b>Comm_ID</b>     | Integer  | Primary Key |
| <b>Agent_ID</b>    | Integer  | Foreign key |
| <b>Msg_content</b> | Varchar  | Not null    |
| <b>Msg_date</b>    | Date     | Not null    |