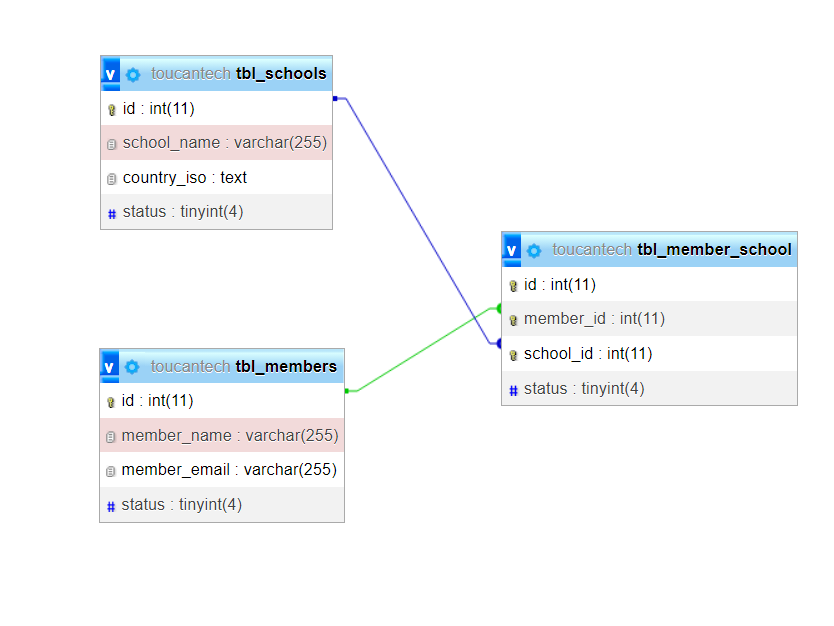
ToucanTech – Demo Panel

Task 5

Solution:



**Caption**: Relationship Diagram

This document provides an overview of the database schema for managing schools and their associated members. The database includes three main tables: tbl\_schools, tbl\_members and tbl\_member\_school. It is designed to mapping schools and their relationships with members.

**Database Schema**

**tbl\_schools Table**

* Description: This table stores information about schools.

Columns

1. **id** (Primary Key):
   * Data Type: INT
   * Description: Unique identifier for each school.
2. **school\_name**:
   * Data Type: VARCHAR
   * Description: The name of the school.
3. **country\_iso**:
   * Data Type: TEXT
   * Description: 3 character country iso code.
4. **status**:
   * Data Type: TINYINT
   * Description: status enable/disable.

**tbl\_members Table**

* Description: This table stores information about members.

Columns

1. **id** (Primary Key):
   * Data Type: INT
   * Description: Unique identifier for each member.
2. **member\_name**:
   * Data Type: VARCHAR
   * Description: The name of the member.
3. **member\_email**:
   * Data Type: VARCHAR
   * Description: Email address of the member.
4. **status**:
   * Data Type: TINYINT
   * Description: status enable/disable.

**tbl\_member\_school Table**

* Description: This table stores information about members.

Columns

1. **id** (Primary Key):
   * Data Type: INT
   * Description: Unique identifier for each member.
2. **member\_id**:
   * Data Type: INT
   * Description: primary id of tbl\_members.
3. **school\_id**:
   * Data Type: INT
   * Description: primary id of tbl\_schools
4. **status**:
   * Data Type: TINYINT
   * Description: status enable/disable.

**tbl\_activity\_logs Table**

* Description: This table is used to log activities related to login, logout, clients and members.

Columns

1. **id** (Primary Key):
   * Data Type: INT
   * Description: Unique identifier for each log entry.
2. **user\_id**:
   * Data Type: INT
   * Description: Identifier of the user responsible for the activity (e.g., admin or staff).
3. **tbl\_name**:
   * Data Type: VARCHAR
   * Description: tbl name for which the activity is added with record id.
4. **record\_id**:
   * Data Type: INT
   * Description: primary id of tbl records.
5. **ip\_address**:
   * Data Type: VARCHAR
   * Description: ip address of logged user.
6. **user\_agent**:
   * Data Type: VARCHAR
   * Description: browser/location details of logged user
7. **action**:
   * Data Type: VARCHAR
   * Description: Description of the action whether it is ADD,EDIT,DELETE,STATUS\_CHANGE etc.
8. **activity**:
   * Data Type: VARCHAR
   * Description: Additional details or information about the activity.
9. **status**:
   * Data Type: TINYINT
   * Description: status of record enable/disable.
10. **created\_at**:
    * Data Type: DATE
    * Description: date of record added