# DATABASE TABLE DESIGN

#### **Authentication**

Member\_id FK (Member\_Details)

Username PK

Password VARCHAR(20) NOT NULL

Check (length(Password) >=10

### **Trips**

Trip ID (INT) AUTO INCREMENT PK

Trip Name VARCHAR(50) NOT NULL

Start Date DATE

Group size (INT) NOT NULL

## Member\_Details

Member\_id (INT) AUTO\_INCREMENT PK

Member name VARCHAR(50) NOT NULL

Email VARCHAR(50) NOT NULL

### **Costs**

Trip\_id FK (Trips)

Flights\_total FLOAT(10) DEFAULT 0 NOT NULL

Accomodation total FLOAT(10) DEFAULT 0 NOT NULL

Transfers total FLOAT(10) DEFAULT 0 NOT NULL

Activities\_total FLOAT(10) DEFAULT 0 NOT NULL

### **Contributions**

Trip\_id FK (Trips)

Member\_id FK (Member\_Details)

Total FLOAT(10) DEFAULT 0 NOT NULL