

MyphpAdmin Tables

1. Donor Table

```
CREATE TABLE Donor (  
    did INT(2) PRIMARY KEY,  
    dname VARCHAR(20) NOT NULL,  
    email VARCHAR(30) NOT NULL UNIQUE,  
    dpassword VARCHAR(20) NOT NULL,  
    contact VARCHAR(11),  
    address VARCHAR(30)  
);
```

```
INSERT INTO Donor (did, dname, email, dpassword, contact, address)  
VALUES  
(1, 'HANZLA KHALID', 'hanzla089@gmail.com', '123456', '03012345671', 'Township'),  
(2, 'ALI KHAN', 'ali2@gmail.com', 'pass123', '03012345671', 'Gulberg'),  
(3, 'FATIMA AHMED', 'fatima3@gmail.com', 'qwerty12', '03012345672', 'Township'),  
(4, 'OMAR MALIK', 'omar4@gmail.com', '1234abcd', '03012345673', 'DHA'),  
(5, 'AYESHA KHAN', 'ayesha5@gmail.com', 'hello123', '03012345674', 'Model Town'),  
(6, 'HAMZA ALI', 'hamza6@gmail.com', 'secure56', '03012345675', 'Wapda Town'),  
(7, 'ZEESHAN IQBAL', 'zeeshan7@gmail.com', 'random98', '03012345676', 'Township'),  
(8, 'SANA RAHIM', 'sana8@gmail.com', 'pass0987', '03012345677', 'Gulberg'),  
(9, 'TALHA ASLAM', 'talha9@gmail.com', 'talha123', '03012345678', 'DHA'),  
(10, 'MAHA SHAH', 'maha10@gmail.com', 'maha7890', '03012345679', 'Model Town'),  
(11, 'UMER FAROOQ', 'umer11@gmail.com', 'umerpass', '03012345680', 'Wapda Town'),  
(12, 'ARSLAN JAVED', 'arسلan12@gmail.com', 'arسلan78', '03012345681', 'Gulberg'),  
(13, 'MARYAM LATIF', 'maryam13@gmail.com', 'maryam56', '03012345682', 'Township'),  
(14, 'AHMED SAEED', 'ahmed14@gmail.com', 'saeed89', '03012345683', 'DHA'),  
(15, 'RIDA ASIF', 'rida15@gmail.com', 'ridapass', '03012345684', 'Model Town'),  
(16, 'YUSRA TARIQ', 'yusra16@gmail.com', 'yusra123', '03012345685', 'Wapda Town'),  
(17, 'IMRAN QURESHI', 'imran17@gmail.com', 'imran98', '03012345686', 'Gulberg'),  
(18, 'NOOR FATIMA', 'noor18@gmail.com', 'fatima76', '03012345687', 'Township'),  
(19, 'HASSAN ALI', 'hassan19@gmail.com', 'hassan12', '03012345688', 'DHA'),  
(20, 'MAIRA KAMAL', 'maira20@gmail.com', 'kamal789', '03012345689', 'Model Town'),  
(21, 'BILAL ANWAR', 'bilal21@gmail.com', 'bilalpass', '03012345690', 'Wapda Town'),  
(22, 'FAIZA MALIK', 'faiza22@gmail.com', 'faiza1234', '03012345691', 'Defence');
```

2. FoodItem Table

```
CREATE TABLE FoodItem (  
    fid INT(2) PRIMARY KEY,  
    did INT(2),  
    fname VARCHAR(30) NOT NULL,  
    quantity INT(2) NOT NULL,  
    expirydate DATE NOT NULL,  
    address VARCHAR(30),  
    FOREIGN KEY (did) REFERENCES Donor(did)  
);  
  
INSERT INTO FoodItem (fid, did, fname, quantity, expirydate, address)  
VALUES  
(1, 1, 'Rice', 5, '2024-12-15', 'Township'),  
(2, 2, 'Bread', 10, '2024-12-10', 'Gulberg'),  
(3, 3, 'Milk', 20, '2024-12-12', 'Township'),  
(4, 4, 'Fruits', 15, '2024-12-18', 'DHA'),  
(5, 5, 'Vegetables', 10, '2024-12-14', 'Model Town'),  
(6, 6, 'Biscuits', 25, '2024-12-20', 'Wapda Town'),  
(7, 7, 'Juice Packs', 30, '2024-12-16', 'Township'),  
(8, 8, 'Canned Food', 12, '2024-12-25', 'Gulberg'),  
(9, 9, 'Snacks', 20, '2024-12-22', 'DHA'),  
(10, 10, 'Oil', 5, '2024-12-19', 'Model Town');
```

3. Requester Table

```
CREATE TABLE Requester (  
    rid INT(2) PRIMARY KEY,  
    rname VARCHAR(20) NOT NULL,  
    email VARCHAR(30) NOT NULL UNIQUE,  
    contact VARCHAR(11),  
    address VARCHAR(30),  
    rpassword VARCHAR(10) NOT NULL  
);
```

```
INSERT INTO Requester (rid, rname, email, contact, address, rpassword)
VALUES
(1, 'Ali Ahmed', 'ali.ahmed@email.com', '03211234567', 'House #1, Lahore', 'pass123'),
(2, 'Ayesha Khan', 'ayesha.khan@email.com', '03217654321', 'House #2, Karachi', 'pass234'),
(3, 'Zain Malik', 'zain.malik@email.com', '03114567890', 'Apartment 304, Islamabad', 'pass345'),
(4, 'Sara Sheikh', 'sara.sheikh@email.com', '03331234567', 'Bungalow 23, DHA, Lahore', 'pass456'),
(5, 'Usman Javed', 'usman.javed@email.com', '03451234567', 'Flat #10, Karachi', 'pass567'),
(6, 'Hina Tariq', 'hina.tariq@email.com', '03001234567', 'House #5, Lahore', 'pass678');
```

4. Administrator Table

```
CREATE TABLE Administrator (
    aid INT(2) PRIMARY KEY,
    aname VARCHAR(20) NOT NULL,
    email VARCHAR(30) NOT NULL UNIQUE,
    apassword VARCHAR(10) NOT NULL
);

INSERT INTO Administrator (aid, aname, email, apassword)
VALUES
(1, 'Asim Rasul', 'asim.rasul@email.com', 'admin123'),
(2, 'Hina Ali', 'hina.ali@email.com', 'admin234'),
(3, 'Ahmed Khan', 'ahmed.khan@email.com', 'admin345'),
(4, 'Sana Iqbal', 'sana.iqbal@email.com', 'admin456'),
(5, 'Bilal Tariq', 'bilal.tariq@email.com', 'admin567');
```

5. FoodRequest Table

```
CREATE TABLE FoodRequest (
    frid INT(2) PRIMARY KEY,
    rid INT(2),
    fid INT(2),
    aid INT(2),
    frdate DATE NOT NULL,
    status VARCHAR(15),
    FOREIGN KEY (rid) REFERENCES Requester(rid),
    FOREIGN KEY (fid) REFERENCES FoodItem(fid),
    FOREIGN KEY (aid) REFERENCES Administrator(aid)
);
```

```
INSERT INTO FoodRequest (frid, rid, fid, aid, frdate, status)
VALUES
(1, 1, 1, 1, '2024-12-11', 'pending'),
(2, 2, 2, 2, '2024-12-10', 'approved'),
(3, 3, 3, 3, '2024-12-09', 'pending'),
(4, 4, 4, 4, '2024-12-08', 'denied'),
(5, 5, 5, 5, '2024-12-07', 'approved'),
(6, 6, 6, 6, '2024-12-06', 'pending'),
(7, 7, 7, 7, '2024-12-05', 'approved'),
(8, 8, 8, 8, '2024-12-04', 'denied'),
(9, 9, 9, 9, '2024-12-03', 'pending'),
(10, 10, 10, 10, '2024-12-02', 'approved');
```

7. Report Table

Tracks generated reports for system audits.

```
CREATE TABLE Report (
    ReportID INT(2) PRIMARY KEY,
    ReportType VARCHAR(30) NOT NULL,
    GeneratedDate DATE NOT NULL,
    GeneratedBy INT(2) NOT NULL,
    FOREIGN KEY (GeneratedBy) REFERENCES Administrator(aid)
);
```

8. Notification Table

Manages notifications sent to users.

```
CREATE TABLE Notification (
    NotificationID INT(2) PRIMARY KEY,
    NotificationType VARCHAR(30) NOT NULL,
    Message VARCHAR(255) NOT NULL,
    SentDate DATE NOT NULL,
    RecipientID INT(2) NOT NULL,
    FOREIGN KEY (RecipientID) REFERENCES Requester(rid)
);
```

9. Delivery Table

Tracks deliveries for approved food requests.

```
CREATE TABLE Delivery (
```

```
DeliveryID INT(2) PRIMARY KEY,  
RequestID INT(2) NOT NULL,  
DriverID INT(2) NOT NULL,  
DeliveryStatus VARCHAR(20) NOT NULL,  
DeliveryDate DATE,  
FOREIGN KEY (RequestID) REFERENCES FoodRequest(frid),  
FOREIGN KEY (DriverID) REFERENCES Driver(DriverID)  
);
```

10. Driver Table

Stores driver details for deliveries.

```
CREATE TABLE Driver (  
    DriverID INT(2) PRIMARY KEY,  
    DriverName VARCHAR(30) NOT NULL,  
    ContactNumber VARCHAR(15) NOT NULL,  
    VehicleDetails VARCHAR(50)  
);
```

11. SignUp Table

Logs user registrations (both donors and requesters).

```
CREATE TABLE SignUp (  
    SignUpID INT(2) PRIMARY KEY,  
    UserType ENUM('Donor', 'Requester') NOT NULL,  
    UserID INT(2) NOT NULL,  
    SignUpDate DATE NOT NULL,  
    FOREIGN KEY (UserID) REFERENCES Donor(did)  
        ON DELETE CASCADE ON UPDATE CASCADE  
        WHEN (UserType = 'Donor'),  
    FOREIGN KEY (UserID) REFERENCES Requester(rid)  
        ON DELETE CASCADE ON UPDATE CASCADE  
        WHEN (UserType = 'Requester')  
);
```

12. SignIn Table

Logs user login attempts (both donors and requesters).

```
CREATE TABLE SignIn (  
    SignInID INT(2) PRIMARY KEY,  
    UserType ENUM('Donor', 'Requester') NOT NULL,  
    UserID INT(2) NOT NULL,  
    SignInDate DATE NOT NULL,  
    SignInTime VARCHAR(10) NOT NULL,  
    FOREIGN KEY (UserID) REFERENCES Donor(did)  
        ON DELETE CASCADE ON UPDATE CASCADE
```

```
        WHEN (UserType = 'Donor'),  
FOREIGN KEY (UserID) REFERENCES Requester(rid)  
    ON DELETE CASCADE ON UPDATE CASCADE  
    WHEN (UserType = 'Requester')  
);
```
