**Tables:**

|  |  |
| --- | --- |
| **Table Name** | **Table Values** |
| award | **awardID** (INT(AUTO-INCREMENTED), **regionID** (INT), **type** (STRING (64 char max)), **recipientName**(String (64 char max)), **recipientEmail**(STRING (64 char max)), **timestamp** (DATETIME), **creatorID** (INT); |
| region | **regionID** (INT (AUTO-INCREMENTED)), **name**(STRING (64 char max)) |
| signature | **signatureID** (INT (AUTO-INCREMENTED)), **signatureImage**(varbinary(8000)) |
| user | **userID** (INT (AUTO-INCREMENTED)), **firstName** (STRING (64 char max)), **lastName** (STRING (64 char max)),  **email** (STRING (64 char max)), **userTypeID** (INT),  **password** (STRING (64 char max)), **createdOn (**DATETIME), **createdBy** (INT),  **signatureID** (int), **timestamp** (DATETIME) |
| userType | **userTypeID** (INT(AUTO-INCREMENTED)), **description** (STRING (64 char max)) |

**Creation Scripts:**

award:   
  
CREATE TABLE `award` (  
 `awardID` int(10) unsigned NOT NULL AUTO\_INCREMENT,  
 `regionID` int(10) unsigned NOT NULL,  
 `type` varchar(64) COLLATE utf8\_unicode\_ci DEFAULT NULL,  
 `recipientName` varchar(64) COLLATE utf8\_unicode\_ci DEFAULT NULL,  
 `recipientEmail` varchar(64) COLLATE utf8\_unicode\_ci DEFAULT NULL,  
 `timestamp` datetime DEFAULT NULL,  
 `creatorID` int(10) unsigned NOT NULL,  
 PRIMARY KEY (`awardID`),  
 KEY `regionID` (`regionID`),  
 KEY `creatorID` (`creatorID`),  
 CONSTRAINT `award\_ibfk\_1` FOREIGN KEY (`regionID`) REFERENCES `region` (`regionid`),  
 CONSTRAINT `award\_ibfk\_2` FOREIGN KEY (`creatorID`) REFERENCES `user` (`userid`)  
) ENGINE=InnoDB AUTO\_INCREMENT=5 DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci   
  
  
region:   
  
CREATE TABLE `region` (  
 `regionID` int(10) unsigned NOT NULL AUTO\_INCREMENT,  
 `name` varchar(64) COLLATE utf8\_unicode\_ci NOT NULL,  
 PRIMARY KEY (`regionID`),  
 UNIQUE KEY `regionID` (`regionID`)  
) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci

signature:   
  
CREATE TABLE `signature` (  
 `signatureID` int(10) unsigned NOT NULL AUTO\_INCREMENT,  
 `signatureImage` varbinary(8000) DEFAULT NULL,  
 PRIMARY KEY (`signatureID`)  
) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci  
  
  
user:  
  
CREATE TABLE `user` (  
 `userID` int(10) unsigned NOT NULL AUTO\_INCREMENT,  
 `firstName` varchar(64) COLLATE utf8\_unicode\_ci NOT NULL,  
 `lastName` varchar(64) COLLATE utf8\_unicode\_ci NOT NULL,  
 `email` varchar(64) COLLATE utf8\_unicode\_ci DEFAULT NULL,  
 `userTypeID` int(10) unsigned NOT NULL,  
 `password` varchar(64) COLLATE utf8\_unicode\_ci NOT NULL,  
 `createdOn` datetime DEFAULT NULL,  
 `createdBy` int(10) unsigned NOT NULL,  
 `signatureID` int(10) unsigned DEFAULT NULL,  
 `timestamp` datetime DEFAULT NULL,  
 PRIMARY KEY (`userID`),  
 KEY `userTypeID` (`userTypeID`),  
 KEY `signatureID` (`signatureID`),  
 KEY `createdBy` (`createdBy`),  
 CONSTRAINT `user\_ibfk\_1` FOREIGN KEY (`userTypeID`) REFERENCES `userType` (`usertypeid`),  
 CONSTRAINT `user\_ibfk\_2` FOREIGN KEY (`signatureID`) REFERENCES `signature` (`signatureid`),  
 CONSTRAINT `user\_ibfk\_3` FOREIGN KEY (`createdBy`) REFERENCES `user` (`userid`)  
) ENGINE=InnoDB AUTO\_INCREMENT=15 DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci  
  
  
userType:   
  
CREATE TABLE `userType` (  
 `userTypeID` int(10) unsigned NOT NULL AUTO\_INCREMENT,  
 `description` varchar(64) COLLATE utf8\_unicode\_ci DEFAULT NULL,  
 PRIMARY KEY (`userTypeID`)  
) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci  
 **Inserting a new user into the database:**  
  
INSERT INTO user (  
 firstName, lastName, email, userTypeID, password, createdOn, createdBy, signatureID,   
 timestamp)  
 VALUES (  
 ‘Robert’, ‘Fletcher’, ‘testemail@test.com’, 1, ‘TestPassword’, CURRENT\_TIMESTAMP,   
 1, NULL, CURRENT\_TIMESTAMP);  
  
  
**Updating an existing user in the database:**UPDATE user  
 SET lastName = ‘SomeNewName’,  
 timestamp = CURRENT\_TIMESTAMP  
 WHERE userID = 1;  
  
  
**Selecting a user’s name from the database based on their ID:**SELECT firstName, lastName FROM user  
 WHERE userID = 1;

**Sample user Data Insertion Script:**

INSERT INTO user (firstName, lastName, email, userTypeID, password, createdOn, createdBy, timestamp)

VALUES

('Gudrun','Nero','Gudrun.Nero@test.com',2,'Gudrun123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Cristine','Hanley','Cristine.Hanley@test.com',2,'Cristine123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Mario','Labonte','Mario.Labonte@test.com',2,'Mario123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Sharolyn','Wiegand','Sharolyn.Wiegand@test.com',2,'Sharolyn123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Madeleine','Yellowhair','Madeleine.Yellowhair@test.com',2,'Madeleine123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Diann','Fenwick','Diann.Fenwick@test.com',2,'Diann123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Arnold','Navarra','Arnold.Navarra@test.com',2,'Arnold123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Edgar','Waiters','Edgar.Waiters@test.com',2,'Edgar123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Blanche','Guerrero','Blanche.Guerrero@test.com',2,'Blanche123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Danica','Bizzell','Danica.Bizzell@test.com',2,'Danica123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Fabian','Coutts','Fabian.Coutts@test.com',2,'Fabian123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Dedra','Ashbaugh','Dedra.Ashbaugh@test.com',2,'Dedra123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Charlesetta','Hudak','Charlesetta.Hudak@test.com',2,'Charlesetta123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Harry','Pineiro','Harry.Pineiro@test.com',2,'Harry123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Leatha','Demmer','Leatha.Demmer@test.com',2,'Leatha123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Elene','Laws','Elene.Laws@test.com',2,'Elene123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Melissa','Boser','Melissa.Boser@test.com',2,'Melissa123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Alesha','Olivas','Alesha.Olivas@test.com',2,'Alesha123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Jonell','Albaugh','Jonell.Albaugh@test.com',2,'Jonell123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Austin','Franz','Austin.Franz@test.com',2,'Austin123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Willy','Hathorn','Willy.Hathorn@test.com',2,'Willy123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Jada','Hollenbeck','Jada.Hollenbeck@test.com',2,'Jada123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Melvin','Wilcher','Melvin.Wilcher@test.com',2,'Melvin123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Leesa','Bettcher','Leesa.Bettcher@test.com',2,'Leesa123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Amos','Wickliffe','Amos.Wickliffe@test.com',2,'Amos123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Gwyn','Abelson','Gwyn.Abelson@test.com',2,'Gwyn123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Leandro','Isham','Leandro.Isham@test.com',2,'Leandro123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Hazel','Melgar','Hazel.Melgar@test.com',2,'Hazel123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Cassie','Feiler','Cassie.Feiler@test.com',2,'Cassie123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Takako','Randall','Takako.Randall@test.com',2,'Takako123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Junita','Eddy','Junita.Eddy@test.com',2,'Junita123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Roland','Malachi','Roland.Malachi@test.com',2,'Roland123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Mellisa','Boivin','Mellisa.Boivin@test.com',2,'Mellisa123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Eunice','Dotts','Eunice.Dotts@test.com',2,'Eunice123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Vinnie','Curl','Vinnie.Curl@test.com',2,'Vinnie123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Clint','Darlington','Clint.Darlington@test.com',2,'Clint123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Anne','Ordway','Anne.Ordway@test.com',2,'Anne123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Sylvester','Overbey','Sylvester.Overbey@test.com',2,'Sylvester123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Jacob','Gilleland','Jacob.Gilleland@test.com',2,'Jacob123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Donald','Yelton','Donald.Yelton@test.com',2,'Donald123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Leola','Lemoine','Leola.Lemoine@test.com',2,'Leola123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Patria','Salmon','Patria.Salmon@test.com',2,'Patria123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Anisha','Eilers','Anisha.Eilers@test.com',2,'Anisha123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Ria','Vita','Ria.Vita@test.com',2,'Ria123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Shaunna','Rossiter','Shaunna.Rossiter@test.com',2,'Shaunna123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Renea','Dery','Renea.Dery@test.com',2,'Renea123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Margorie','Altizer','Margorie.Altizer@test.com',2,'Margorie123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Yael','Laroche','Yael.Laroche@test.com',2,'Yael123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Velva','Corrao','Velva.Corrao@test.com',2,'Velva123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP),

('Apolonia','Eppler','Apolonia.Eppler@test.com',2,'Apolonia123@',CURRENT\_TIMESTAMP,1,CURRENT\_TIMESTAMP);

**Sample region Data Insertion Script:**

INSERT INTO region (name)

VALUES

(‘Test Region’),

(‘North America’),

(‘South America’),

(‘Asia/Pacific’),

(‘Europe’),

(‘Africa’);

**Sample userType Data Insertion Script:**

INSERT INTO userType (description)

VALUES

(‘admin’),

(‘manager’);

**Sample award Data Insertion Script:**

INSERT INTO award (regionID, type, recipientName, recipientEmail, timestamp, creatorID)

VALUES

(1, 'Random Award 2', 'Some Guy', 'Some.Guy@test.com', CURRENT\_TIMESTAMP, 1),

(3, 'Random Award 3', 'Some ThirdGuy', 'Some.Third@test.com', CURRENT\_TIMESTAMP, 1),

(4, 'Random Award 4', 'Some FourthGuy', 'Some.Fourth@test.com', CURRENT\_TIMESTAMP, 1),

(2, 'Random Award 5', 'Some FifthPerson', 'Some.Person@test.com', CURRENT\_TIMESTAMP, 1),

(0, 'Random Award 1', 'Jayden Daniels', 'Jayden.Daniels@test.com', CURRENT\_TIMESTAMP, 1);