CREATE TABLE Users (

user\_id INTEGER PRIMARY KEY AUTOINCREMENT,

username TEXT NOT NULL UNIQUE,

name TEXT NOT NULL,

password\_hash TEXT NOT NULL,

email TEXT NOT NULL UNIQUE,

photo\_path TEXT,

address TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE LostItems (

item\_id INTEGER PRIMARY KEY AUTOINCREMENT,

title TEXT NOT NULL,

description TEXT NOT NULL,

tag TEXT NOT NULL,

admin\_id INTEGER NOT NULL,

status TEXT NOT NULL DEFAULT 'Available',

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (admin\_id) REFERENCES Users(user\_id)

);

CREATE TABLE Claims (

claim\_id INTEGER PRIMARY KEY AUTOINCREMENT,

item\_id INTEGER NOT NULL,

user\_id INTEGER NOT NULL,

status TEXT NOT NULL DEFAULT 'Pending',

evidence TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (item\_id) REFERENCES LostItems(item\_id),

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

CREATE TABLE AdminActions (

action\_id INTEGER PRIMARY KEY AUTOINCREMENT,

claim\_id INTEGER NOT NULL,

admin\_id INTEGER NOT NULL,

action TEXT NOT NULL,

timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (claim\_id) REFERENCES Claims(claim\_id),

FOREIGN KEY (admin\_id) REFERENCES Users(user\_id)

);

CREATE TABLE LostItemPosts (

post\_id INTEGER PRIMARY KEY AUTOINCREMENT,

item\_id INTEGER NOT NULL,

admin\_id INTEGER NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (item\_id) REFERENCES LostItems(item\_id),

FOREIGN KEY (admin\_id) REFERENCES Users(user\_id)

);