-- Drop existing tables if they exist

BEGIN

FOR rec IN (SELECT table\_name FROM user\_tables WHERE table\_name IN

('ADMIN', 'ANNOUNCEMENTS', 'ATTENDANCE', 'EQUIPMENT',

'MEMBERS', 'RATES', 'REMINDER', 'STAFFS')) LOOP

EXECUTE IMMEDIATE 'DROP TABLE ' || rec.table\_name || ' CASCADE CONSTRAINTS';

END LOOP;

END;

/

-- Create the admin table

CREATE TABLE admin (

user\_id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

username VARCHAR2(50) UNIQUE NOT NULL,

password VARCHAR2(50) NOT NULL,

name VARCHAR2(100),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the announcements table

CREATE TABLE announcements (

id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

message VARCHAR2(255),

announcement\_date DATE NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the attendance table

CREATE TABLE attendance (

id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

user\_id NUMBER(10) NOT NULL,

attendance\_date DATE NOT NULL,

status VARCHAR2(20) CHECK (status IN ('Present', 'Absent')),

FOREIGN KEY (user\_id) REFERENCES admin(user\_id) ON DELETE CASCADE,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the equipment table

CREATE TABLE equipment (

id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

name VARCHAR2(100) NOT NULL,

amount NUMBER(10, 2) NOT NULL,

quantity NUMBER(10) NOT NULL CHECK (quantity >= 0),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the members table

CREATE TABLE members (

user\_id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

fullname VARCHAR2(100) NOT NULL,

username VARCHAR2(50) UNIQUE NOT NULL,

password VARCHAR2(50) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the rates table

CREATE TABLE rates (

id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

name VARCHAR2(50) UNIQUE NOT NULL,

charge NUMBER(10, 2) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the reminder table

CREATE TABLE reminder (

id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

name VARCHAR2(100) NOT NULL,

message VARCHAR2(255),

status VARCHAR2(20) CHECK (status IN ('Pending', 'Sent')),

reminder\_date DATE NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Create the staffs table

CREATE TABLE staffs (

user\_id NUMBER(10) GENERATED ALWAYS AS IDENTITY PRIMARY KEY,

username VARCHAR2(50) UNIQUE NOT NULL,

password VARCHAR2(50) NOT NULL,

email VARCHAR2(100) UNIQUE NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT NULL

);

-- Insert sample data

BEGIN

-- Insert into admin

INSERT INTO admin (username, password, name) VALUES ('admin1', 'password1', 'Admin One');

INSERT INTO admin (username, password, name) VALUES ('admin2', 'password2', 'Admin Two');

INSERT INTO admin (username, password, name) VALUES ('admin3', 'password3', 'Admin Three');

-- Insert into announcements

INSERT INTO announcements (message, announcement\_date) VALUES ('Welcome to the system!', DATE '2024-12-25');

INSERT INTO announcements (message, announcement\_date) VALUES ('System maintenance scheduled.', DATE '2024-12-26');

INSERT INTO announcements (message, announcement\_date) VALUES ('New features released.', DATE '2024-12-27');

-- Insert into equipment

INSERT INTO equipment (name, amount, quantity) VALUES ('Treadmill', 1200.00, 10);

INSERT INTO equipment (name, amount, quantity) VALUES ('Dumbbell Set', 300.00, 20);

INSERT INTO equipment (name, amount, quantity) VALUES ('Exercise Bike', 800.00, 5);

-- Insert into members

INSERT INTO members (fullname, username, password) VALUES ('John Doe', 'johndoe', 'johndoe123');

INSERT INTO members (fullname, username, password) VALUES ('Jane Smith', 'janesmith', 'janesmith123');

-- Insert into rates

INSERT INTO rates (name, charge) VALUES ('Fitness Plan', 50.00);

INSERT INTO rates (name, charge) VALUES ('Yoga Plan', 40.00);

INSERT INTO rates (name, charge) VALUES ('Swimming Plan', 60.00);

-- Insert into reminder

INSERT INTO reminder (name, message, status, reminder\_date) VALUES ('Payment Reminder', 'Your payment is due.', 'Pending', DATE '2024-12-28');

INSERT INTO reminder (name, message, status, reminder\_date) VALUES ('Class Reminder', 'Yoga class at 6 PM.', 'Sent', DATE '2024-12-25');

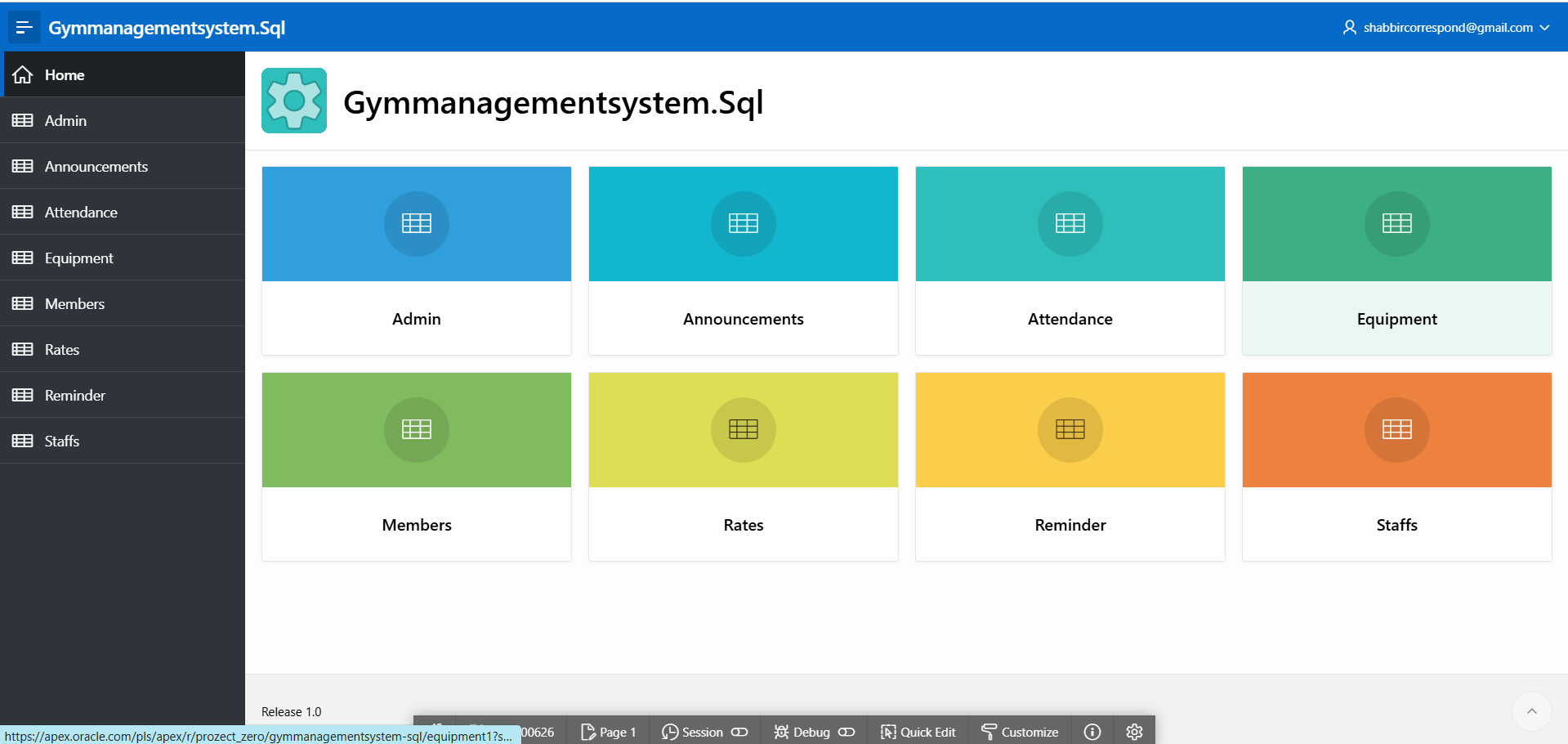
-- Insert into staffs

INSERT INTO staffs (username, password, email) VALUES ('staff1', 'staffpass1', 'staff1@example.com');

INSERT INTO staffs (username, password, email) VALUES ('staff2', 'staffpass2', 'staff2@example.com');

END;

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