**Created tables ,then i did reverse engineering for er diagram and populated data for each table**

**Tables**

**-- Walk-in table**

CREATE TABLE Walk\_in (

walk\_in\_id INT NOT NULL PRIMARY KEY,

role\_type VARCHAR(255),

from\_date DATETIME,

to\_date DATETIME,

location VARCHAR(255),

general\_instructions TEXT,

exam\_instruction TEXT,

min\_system\_requirement TEXT,

process TEXT,

datecreated DATETIME,

datemodified DATETIME

);

-- Time\_slot table

CREATE TABLE Time\_slot (

time\_slot\_id INT NOT NULL PRIMARY KEY,

from\_time DATETIME,

to\_time DATETIME,

walk\_in\_id INT,

datecreated DATETIME,

datemodified DATETIME,

FOREIGN KEY (walk\_in\_id) REFERENCES Walk\_in (walk\_in\_id)

);

-- job\_application\_preference table

CREATE TABLE job\_application\_preference (

id INT NOT NULL PRIMARY KEY,

role\_name VARCHAR(100),

package INT,

role\_description TEXT,

role\_requirement TEXT,

walk\_in\_id INT,

datecreated DATETIME,

datemodified DATETIME,

FOREIGN KEY (walk\_in\_id) REFERENCES Walk\_in (walk\_in\_id)

);

**-- UserLogin table**

CREATE TABLE UserLogin (

user\_id INT NOT NULL PRIMARY KEY,

username VARCHAR(100),

password VARCHAR(50),

email VARCHAR(100),

datecreated DATETIME,

datemodified DATETIME

);

**-- Hall ticket table**

CREATE TABLE Hall\_ticket (

id INT NOT NULL PRIMARY KEY,

date\_and\_time DATETIME,

venue TEXT,

thing\_to\_remember TEXT,

walk\_in\_id INT NOT NULL,

FOREIGN KEY (walk\_in\_id) REFERENCES Walk\_in (walk\_in\_id)

);

**-- Walkin\_Registration table**

CREATE TABLE Walkin\_Registration (

registration\_id INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

user\_id INT NOT NULL,

walk\_in\_id INT NOT NULL,

time\_slot\_id INT NOT NULL,

chosen\_role TINYINT NOT NULL,

resume BLOB,

datecreated DATETIME,

datemodified DATETIME,

FOREIGN KEY (user\_id) REFERENCES UserLogin (user\_id),

FOREIGN KEY (walk\_in\_id) REFERENCES Walk\_in (walk\_in\_id),

FOREIGN KEY (time\_slot\_id) REFERENCES Time\_slot (time\_slot\_id)

);

**-- job\_role\_applicants table**

CREATE TABLE job\_role\_applicants (

id INT NOT NULL PRIMARY KEY,

walk\_in\_id INT,

time\_slot\_id INT,

chosen\_role TINYINT,

resume BLOB,

user\_id INT,

datecreated DATETIME,

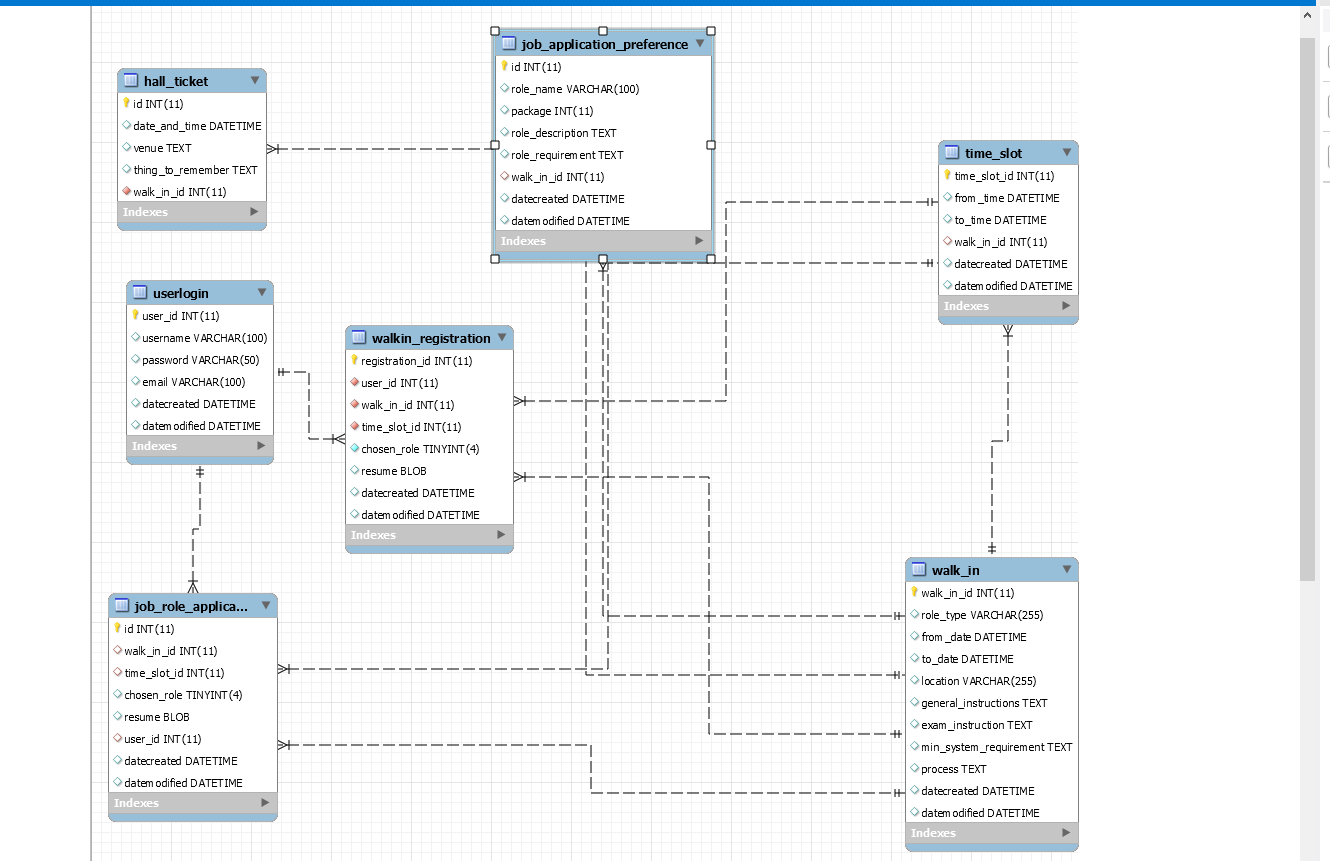
datemodified DATETIME,

FOREIGN KEY (walk\_in\_id) REFERENCES Walk\_in (walk\_in\_id),

FOREIGN KEY (time\_slot\_id) REFERENCES Time\_slot (time\_slot\_id),

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

);



**INSERTION DUMMY DATA**

INSERT INTO Walk\_in (walk\_in\_id, role\_type, from\_date, to\_date, location, general\_instructions, exam\_instruction, min\_system\_requirement, process, datecreated, datemodified)

VALUES

(1, 'Software Engineer', '2023-07-31 09:00:00', '2023-07-31 17:00:00', 'New York', 'Please bring your resume and a valid ID.', 'The exam will be computer-based.', 'Minimum system requirements: Windows 10, 8GB RAM, and a modern web browser.', 'Candidates will undergo a coding assessment and technical interview.', NOW(), NOW()),

(2, 'Data Analyst', '2023-08-15 10:00:00', '2023-08-15 16:00:00', 'San Francisco', 'Candidates should be familiar with SQL and data visualization tools.', 'The exam will be written and may include data analysis exercises.', 'No specific system requirements.', 'Candidates will have to analyze a given dataset and present insights.', NOW(), NOW());

INSERT INTO Time\_slot (time\_slot\_id, from\_time, to\_time, walk\_in\_id, datecreated, datemodified)

VALUES

(1, '2023-07-31 09:00:00', '2023-07-31 10:00:00', 1, NOW(), NOW()),

(2, '2023-07-31 10:00:00', '2023-07-31 11:00:00', 1, NOW(), NOW()),

(3, '2023-07-31 14:00:00', '2023-07-31 15:00:00', 1, NOW(), NOW()),

(4, '2023-08-15 10:00:00', '2023-08-15 11:00:00', 2, NOW(), NOW()),

(5, '2023-08-15 11:00:00', '2023-08-15 12:00:00', 2, NOW(), NOW());

INSERT INTO UserLogin (user\_id, username, password, email, datecreated, datemodified)

VALUES

(1, 'john\_doe', 'password123', 'john.doe@example.com', NOW(), NOW()),

(2, 'jane\_smith', 'pass456', 'jane.smith@example.com', NOW(), NOW()),

(3, 'mike\_smith', 'mike123', 'mike.smith@example.com', NOW(), NOW());

INSERT INTO Hall\_ticket (id, date\_and\_time, venue, thing\_to\_remember, walk\_in\_id)

VALUES

(1, '2023-07-31 09:00:00', 'New York City Hall', 'Bring a valid ID for verification.', 1),

(2, '2023-08-15 10:00:00', 'San Francisco Convention Center', 'Remember to bring your admission ticket.', 2);

INSERT INTO Walkin\_Registration (user\_id, walk\_in\_id, time\_slot\_id, chosen\_role, resume, datecreated, datemodified)

VALUES

(1, 1, 1, 1, NULL, NOW(), NOW()),

(2, 1, 2, 1, NULL, NOW(), NOW()),

(3, 2, 4, 1, NULL, NOW(), NOW());

INSERT INTO job\_application\_preference (id, role\_name, package, role\_description, role\_requirement, walk\_in\_id, datecreated, datemodified)

VALUES

(1, 'Software Engineer', 80000, 'Looking for a skilled software engineer with experience in web development.', 'Proficiency in JavaScript, React, and Node.js is required.', 1, NOW(), NOW()),

(2, 'Data Analyst', 60000, 'Seeking a data analyst to analyze and interpret large datasets.', 'Proficiency in SQL and Python is required.', 2, NOW(), NOW());

INSERT INTO job\_role\_applicants (id, walk\_in\_id, time\_slot\_id, chosen\_role, resume, user\_id, datecreated, datemodified)

VALUES

(1, 1, 1, 1, NULL, 1, NOW(), NOW()),

(2, 1, 2, 1, NULL, 2, NOW(), NOW()),

(3, 2, 4, 1, NULL, 3, NOW(), NOW());

