CPSC 304 Project Cover Page

Milestone #: ___2____

Date: _2023/10/20_

Group Number: ___64____

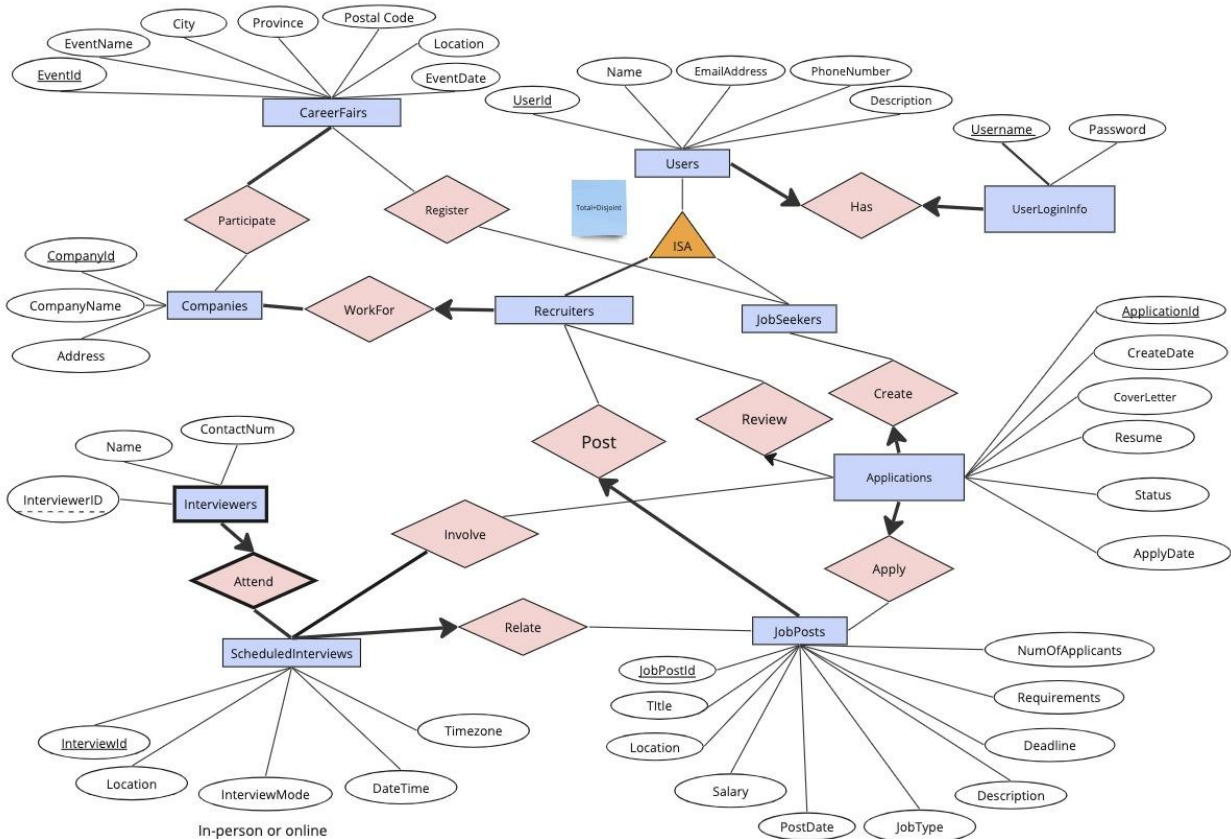| Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Ivy Li	80002512	o4g4f	lixinyu0209@gmail.com
Isabella Han	55022974	h2j2s	hanxy030703@gmail.com
Carol Ma	17849571	o1w4p	carol_ma21@163.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description

This application is a job portal designed to connect recruiters and job seekers in Canada, streamlining the job-seeking and hiring processes. It utilizes a comprehensive database to manage user profiles, job applications, job posts, scheduled interviews, and career fair participation, facilitating recruitment and efficient information exchange between job seekers and companies.

Updated ER Diagram

Updates:
1. Removed the "Transcript" attribute from the "Application" entity because the job portal provides multiple types of jobs, not just interns/co-ops as we initially thought.
2. Postal code, province, and city details have been included in the CareerFairs table to enhance location-specific information for career fairs, aiding users in finding events near them. This also adds a functional dependency to the relation.
3. The relationship between Companies and JobPosts has been removed because we can derive the CompanyId from the recruiter who posted the job post.
4. The "Date and "Time" attributes in the Scheduled Interview entity have been replaced with "DateTime" to align with the datatype in SQL (DATETIME).

5. "Mode" in ScheduleInterviews is renamed to "InterviewMode" to avoid a potential naming conflict with a SQL keyword or reserved word.

6. "Date" in CareerFairs is renamed to "EventDate" to avoid a potential naming conflict with a SQL keyword or reserved word.

Schema:

1. Users (<u>UserId</u>: integer, Name: varchar, EmailAddress: varchar, PhoneNumber: varchar, Description: varchar, **UserName**: varchar)
   - PK: UserId
   - CK: {EmailAddress}, {PhoneNumber}, {UserName}
   - FK: UserName
   - Other constraints:
     - UserName must be unique and not null.
     - EmailAddress must be unique and not null
     - Name cannot be null.
     - PhoneNumber must be unique
     - UserName must be unique

2. Recruiters (<u>**UserId**</u>: integer, **CompanyId**: integer)
   - PK: UserId
   - FK: UserId, CompanyId
   - Other constraints: CompanyId cannot be null.

3. JobSeekers (<u>**UserId**</u>: integer)
   - PK: UserId
   - FK: UserId

4. UserLoginInfo (<u>UserName</u>: varchar, Password: varchar)
   - PK: UserName
   - Other constraints: Password cannot be null.

5. Companies (<u>CompanyId</u>: integer, CompanyName: varchar, Address: varchar)
   - PK: CompanyId
   - CK: {CompanyName, Address}
   - Other constraints:
     - CompanyName cannot be null.
     - {CompanyName, Address} must be unique

6. JobPosts (<u>JobPostId</u>: integer, **RecruiterId**: integer, Title: varchar, Location: varchar, Salary: integer, PostDate: DATE, JobType: varchar, Description: varchar, Deadline: DATE, Requirements: varchar, NumOfApplications: integer)
   - PK: JobPostId
   - FK: RecruiterId
   - Other Constraints: Title, PostDate, JobType, Description, Deadline and NumOfApplications cannot be null.

7. Applications (<u>ApplicationId</u>: integer, **RecruiterId**: integer, **JobSeekerId**: integer, **JobPostId**: integer, CreateDate: DATE, CoverLetter: varchar, Resume: varchar, Status: varchar, ApplyDate: DATE)

- PK: ApplicationId
- CK: {JobSeekerId, JobPostId}
- FK: RecruiterId, JobSeekerId, JobPostId
- Other Constriants:
  - JobSeekerId, JobPostId, CreateDate, Resume, Status cannot be null.
  - JobSeekerId + JobPostId must be unique

8. ScheduledInterviews (<u>interviewId</u>: integer, **JobPostId**: integer, Location: varchar, InterviewMode: char[10], DateTime: DATE, Timezone: varchar)
    - PK: InterviewId
    - FK: JobPostId
    - Other Constriants: JobPostId, Location, InterviewMode, DateTime, Timezone cannot be null

9. Applications_Scheduledinterviews (**<u>InterviewId</u>**: integer, **<u>ApplicationId</u>**: integer)
    - PK: InterviewId, ApplicationId
    - FK: InterviewId, ApplicationId
    - Other Constriants: Total participation constraint cannot be enforced for now

10. Interviewers_Attend (<u>InterviewerId</u>: integer, **<u>InterviewId</u>**: integer, Name: varchar, ContactNum: varchar)
    - PK: InterviewerId, InterviewId
    - FK: InterviewId
    - Other Constriants: Name cannot be null

11. CareerFairs (<u>EventId</u>: integer, EventName: varchar, City: varchar, Province: varchar, PostalCode: varchar, Location: varchar, EventDate: DATE)
    - PK: EventId
    - Other Constriants: EventName, City, Province, PostalCode, Location and EventDate cannot be null

12. Companies_CareerFairs (**<u>CompanyId</u>**: integer, **<u>EventId</u>**: integer)
    - PK: CompanyId, EventId
    - FK: CompanyId, EventId
    - Other Constriants: Total participation constraint cannot be enforced for now

13. JobSeekers_CareerFairs (**<u>JobSeekerId</u>**: integer, **<u>EventId</u>**: integer)
    - PK: JobSeekerId, EventId
    - FK: JobSeekerId, EventId

Functional Dependencies:

1. Users (<u>UserId</u>: integer, Name: varchar, EmailAddress: varchar, PhoneNumber: varchar, Description: varchar, **UserName**: varchar)
    a. UserId -> Name, EmailAddress, PhoneNumber, Description, UserName
    b. EmailAddress -> UserId, Name, PhoneNumber, Description, UserName
    c. PhoneNumber -> UserId, Name, EmailAddress, Description, UserName
    d. UserName -> UserId, Name, EmailAddress, PhoneNumber, Description

2. Recruiters (**<u>UserId</u>**: integer, **CompanyId**: integer)
    a. UserId -> CompanyId

3. JobSeekers (**UserId**: integer)
    No non-trivial Functional Dependencies

4. UserLoginInfo (UserName: varchar, Password: varchar)
    a. UserName -> Password

5. Companies (CompanyId: integer, CompanyName: varchar, Address: varchar)
    a. CompanyId -> CompanyName, Address
    b. CompanyName, Address -> CompanyId

6. JobPosts (JobPostId: integer, **RecruiterId**: integer, Title: varchar, Location: varchar, Salary: integer, PostDate: DATE, JobType: varchar, Description: varchar, Deadline: DATE, Requirements: varchar, NumOfApplications: integer)
    a. JobPostId -> RecruiterId, Title, Location, Salary, PostDate, JobType, Description, Deadline, Requirements, NumOfApplications

7. Applications (ApplicationId: integer, **RecruiterId**: integer, **JobSeekerId**: integer, **JobPostId**: integer, CreateDate: DATE, CoverLetter: varchar, Resume: varchar, Status: varchar, ApplyDate: DATE)
    a. ApplicationId -> RecruiterId, JobSeekerId, JobPostId, CreateDate, CoverLetter, Resume, Status, ApplyDate
    b. JobSeekerId, JobPostId -> ApplicationId, RecruiterId, CreateDate, CoverLetter, Resume, Status, ApplyDate
    c. Resume -> JobSeekerId
    d. CoverLetter -> JobSeekerId

8. ScheduledInterviews (interviewId: integer, **JobPostId**: integer, Location: varchar, InterviewMode: char[10], DateTime: DATE, Timezone: varchar)
    a. InterviewId -> JobPostId, Location, InterviewMode, DateTime, Timezone

9. Applications_Scheduledinterviews (**InterviewId**: integer, **ApplicationId**: integer)
    No non-trivial Functional Dependencies

10. Interviewers_Attend (InterviewerId: integer, **InterviewId**: integer, Name: varchar, ContactNum: varchar)
    a. InterviewerId, InterviewId -> Name, ContactNum

11. CareerFairs (EventId: integer, EventName: varchar, City: varchar, Province: varchar, PostalCode: varchar, Location: varchar, EventDate: DATE)
    a. EventId -> EventName, City, Province, PostalCode, Location, EventDate
    b. PostalCode -> City, Province

12. Companies_CareerFairs (**CompanyId**: integer, **EventId**: integer)

No non-trivial Functional Dependencies

13. JobSeekers_CareerFairs (**JobSeekerId**: integer, **EventId**: integer)
    No non-trivial Functional Dependencies

Normalization
1. Applications (ApplicationId: integer, **RecruiterId**: integer, **JobSeekerId**: integer, **JobPostId**: integer, CreateDate: DATE, CoverLetter: varchar, Resume: varchar, Status: varchar, ApplyDate: DATE):
    a. Resume -> JobSeekerId: Resume is not a superkey, so it violates BCNF. Decompose:
        i. Applications (ApplicationId: integer, **RecruiterId**: integer, **JobPostId**: integer, CreateDate: DATE, CoverLetter: varchar, **Resume**: varchar, Status: varchar, ApplyDate: DATE)
            ● PK: ApplicationId
            ● FK: RecruiterId, JobPostId, Resume
            ● Other constraints: JobPostId, CreateDate, Resume, Status cannot be null.
        ii. Resumes (Resume: varchar, **JobSeekerId**: integer)
            ● PK: Resume
            ● FK: JobSeekerId
            ● Other constraints: JobSeekerId cannot be null.

2. CareerFairs (EventId: integer, EventName: varchar, City: varchar, Province: varchar, PostalCode: varchar, Location: varchar, EventDate: DATE)
    a. PostalCode -> City, Province: PostalCode is not a superkey, so it violates BCNF. Decompose:
        i. CareerFairs (EventId: integer, EventName: varchar, **PostalCode**: varchar, Location: varchar, EventDate: DATE)
            ● PK: EventId
            ● FK: PostalCode
            ● Other constraints: EventName, PostalCode, Location and EventDate cannot be null
        ii. LocationDetails (PostalCode: varchar, City: varchar, Province: varchar)
            ● PK: PostalCode
            ● Other constraints: City and Province cannot be null

Final Answer:
1. Users (UserId: integer, Name: varchar, EmailAddress: varchar, PhoneNumber: varchar, Description: varchar, **UserName**: varchar)
2. Recruiters (**UserId**: integer, **CompanyId**: integer)
3. JobSeekers (**UserId**: integer)
4. UserLoginInfo (UserName: varchar, Password: varchar)

5. Companies (<u>CompanyId</u>: integer, CompanyName: varchar, Address: varchar)
6. JobPosts (<u>JobPostId</u>: integer, **RecruiterId**: integer, Title: varchar, Location: varchar, Salary: integer, PostDate: DATE, JobType: varchar, Description: varchar, Deadline: DATE, Requirements: varchar, NumOfApplications: integer)
7. Applications (<u>ApplicationId</u>: integer, **RecruiterId**: integer, **JobPostId**: integer, CreateDate: DATE, CoverLetter: varchar, **Resume**: varchar, Status: varchar, ApplyDate: DATE)
8. Resumes (<u>Resume</u>: varchar, **JobSeekerId**: integer)
9. ScheduledInterviews (<u>interviewId</u>: integer, **JobPostId**: integer, Location: varchar, InterviewMode: char[10], DateTime: DATE, Timezone: varchar)
10. Applications_Scheduledinterviews (**<u>InterviewId</u>**: integer, **<u>ApplicationId</u>**: integer)
11. Interviewers_Attend (<u>InterviewerId</u>: integer, **<u>InterviewId</u>**: integer, Name: varchar, ContactNum: varchar)
12. CareerFairs (<u>EventId</u>: integer, EventName: varchar, **PostalCode**: varchar, Location: varchar, EventDate: DATE)
13. LocationDetails (<u>PostalCode</u>: varchar, City: varchar, Province: varchar)
14. Companies_CareerFairs (**<u>CompanyId</u>**: integer, **<u>EventId</u>**: integer)
15. JobSeekers_CareerFairs (**<u>JobSeekerId</u>**: integer, **<u>EventId</u>**: integer)

SQL DDL statements
```
CREATE TABLE UserLogInfo (
  UserName VARCHAR(100) PRIMARY KEY,
  PassWord VARCHAR(100) NOT NULL
);

CREATE TABLE Users (
  UserId INTEGER PRIMARY KEY,
  Name VARCHAR(100) NOT NULL,
  EmailAddress VARCHAR(100) NOT NULL UNIQUE,
  PhoneNumber VARCHAR(20) UNIQUE,
  Description VARCHAR(4000),
  UserName VARCHAR (100) NOT NULL UNIQUE,
  FOREIGN KEY (UserName) REFERENCES UserLogInfo ON DELETE CASCADE
);

CREATE TABLE Companies (
  CompanyId INTEGER PRIMARY KEY,
  CompanyName VARCHAR(100) NOT NULL,
  Address VARCHAR(100),
  UNIQUE (CompanyName, Address)
```

```sql
);

CREATE TABLE Recruiters (
  UserId INTEGER PRIMARY KEY,
  CompanyId INTEGER,
  FOREIGN KEY (UserId) REFERENCES Users ON DELETE CASCADE,
  FOREIGN KEY (CompanyId) REFERENCES Companies ON DELETE CASCADE
);

CREATE TABLE JobSeekers (
  UserId INTEGER PRIMARY KEY,
  FOREIGN KEY (UserId) REFERENCES Users ON DELETE CASCADE
);

CREATE TABLE JobPosts (
  JobPostId INTEGER PRIMARY KEY,
  RecruiterId INTEGER,
  Title VARCHAR(100) NOT NULL,
  Location VARCHAR(100),
  Salary INTEGER,
  PostDate DATE NOT NULL,
  JobType VARCHAR(100) NOT NULL,
  Description VARCHAR(4000) NOT NULL,
  Deadline DATE Not NULL,
  Requirements VARCHAR(4000),
  NumOfApplications INTEGER NOT NULL,
  FOREIGN KEY (RecruiterId) REFERENCES Recruiters ON DELETE CASCADE
);


CREATE TABLE Resumes (
    Resume VARCHAR(4000) PRIMARY KEY,
    JobSeekerId INTEGER NOT NULL,
    FOREIGN KEY (JobSeekerId) REFERENCES JobSeekers(UserId)
);

CREATE TABLE Applications (
    ApplicationId INTEGER PRIMARY KEY,
    RecruiterId INTEGER,
```

```sql
    JobPostId INTEGER,
    CreateDate DATE NOT NULL,
    CoverLetter VARCHAR(4000),
    Resume VARCHAR(4000) NOT NULL,
    Status VARCHAR(100) NOT NULL,
    ApplyDate DATE,
    FOREIGN KEY (RecruiterId) REFERENCES Recruiters(UserId),
    FOREIGN KEY (JobPostId) REFERENCES JobPosts(JobPostId),
    FOREIGN KEY (Resume) REFERENCES Resumes(Resume)
);

CREATE TABLE ScheduledInterviews (
    InterviewId INTEGER PRIMARY KEY,
    JobPostId INTEGER NOT NULL,
    Location VARCHAR(255) NOT NULL,
    InterviewMode CHAR(10) NOT NULL,
    DateTime DATE NOT NULL,
    TimeZone VARCHAR(10) NOT NULL,
    FOREIGN KEY (JobPostId) REFERENCES JobPosts(JobPostId)
);


CREATE TABLE Applications_ScheduledInterviews (
     InterviewId INTEGER,
     ApplicationId INTEGER,
     PRIMARY KEY (InterviewId, ApplicationId),
     FOREIGN KEY (InterviewId) REFERENCES ScheduledInterviews ON
DELETE CASCADE,
     FOREIGN KEY (ApplicationId) REFERENCES Applications ON DELETE
CASCADE
);

CREATE TABLE Interviewers_Attend(
     InterviewerId INTEGER,
     InterviewId INTEGER,
     Name VARCHAR(100) NOT NULL,
     ContactNum VARCHAR(100),
     PRIMARY KEY (InterviewerId, InterviewId),
```

```
        FOREIGN KEY (InterviewId) REFERENCES ScheduledInterviews ON
DELETE CASCADE
);

CREATE TABLE LocationDetails(
        PostalCode VARCHAR(10) PRIMARY KEY,
        City VARCHAR(100) NOT NULL,
        Province VARCHAR(100) NOT NULL
);

CREATE TABLE CareerFairs (
        EventId INTEGER PRIMARY KEY,
        EventName VARCHAR(100) NOT NULL,
        PostalCode VARCHAR(10) NOT NULL,
        Location VARCHAR(500) NOT NULL,
        EventDate DATE NOT NULL,
        FOREIGN KEY (PostalCode) REFERENCES LocationDetails ON DELETE
CASCADE
);

CREATE TABLE Companies_CareerFairs(
        CompanyId INTEGER,
        EventId INTEGER,
        PRIMARY KEY (CompanyId, EventId),
        FOREIGN KEY (CompanyId) REFERENCES Companies ON DELETE CASCADE,
        FOREIGN KEY (EventId) REFERENCES CareerFairs ON DELETE CASCADE
);

CREATE TABLE JobSeekers_CareerFairs(
        JobSeekerId INTEGER,
        EventId INTEGER,
        PRIMARY KEY (JobSeekerId, EventId),
        FOREIGN KEY (JobSeekerId) REFERENCES JobSeekers ON DELETE
CASCADE,
        FOREIGN KEY (EventId) REFERENCES CareerFairs ON DELETE CASCADE
);
```

Insert Statements

```sql
INSERT INTO UserLogInfo
VALUES ('john_doe', 'johnpassword123');
INSERT INTO UserLogInfo
VALUES ('jane_smith', 'janepassword456!');
INSERT INTO UserLogInfo
VALUES ('michael_johnson', 'michaelpassword789');
INSERT INTO UserLogInfo
VALUES ('emily_brown', 'emilypassword123');
INSERT INTO UserLogInfo
VALUES ('william_davis', 'williampassword456');
INSERT INTO UserLogInfo
VALUES ('olivia_wilson', 'oliviapassword789');
INSERT INTO UserLogInfo
VALUES ('james_miller', 'jamespassword123');
INSERT INTO UserLogInfo
VALUES ('ava_jones', 'avapassword456');
INSERT INTO UserLogInfo
VALUES ('robert_lee', 'robertpassword789');
INSERT INTO UserLogInfo
VALUES ('sophia_taylor', 'sophiapassword123');

INSERT INTO Users
VALUES (1, 'John Doe', 'john.doe@email.com', '123-456-7890',
'Description of John', 'john_doe');
INSERT INTO Users
VALUES (2, 'Jane Smith', 'jane.smith@email.com', '234-567-8901',
'Description of Jane', 'jane_smith');
INSERT INTO Users
VALUES (3, 'Michael Johnson', 'michael.johnson@email.com',
'345-678-9012', 'Description of Michael', 'michael_johnson');
INSERT INTO Users
VALUES (4, 'Emily Brown', 'emily.brown@email.com', '456-789-0123',
'Description of Emily', 'emily_brown');
INSERT INTO Users
VALUES (5, 'William Davis', 'william.davis@email.com', '567-890-1234',
'Description of William', 'william_davis');
INSERT INTO Users
```

```sql
VALUES (6, 'Olivia Wilson', 'olivia.wilson@email.com', '678-901-2345',
'Description of Olivia', 'olivia_wilson');
INSERT INTO Users
VALUES (7, 'James Miller', 'james.miller@email.com', '789-012-3456',
'Description of James', 'james_miller');
INSERT INTO Users
VALUES (8, 'Ava Jones', 'ava.jones@email.com', '890-123-4567',
'Description of Ava', 'ava_jones');
INSERT INTO Users
VALUES (9, 'Robert Lee', 'robert.lee@email.com', '901-234-5678',
'Description of Robert', 'robert_lee');
INSERT INTO Users
VALUES (10, 'Sophia Taylor', 'sophia.taylor@email.com',
'012-345-6789', 'Description of Sophia', 'sophia_taylor');

INSERT INTO Companies
VALUES (1, 'ABC Inc.', '123 Main Street, Vancouver');
INSERT INTO Companies
VALUES (2, 'XYZ Corp', '456 Elm Avenue, Toronto');
INSERT INTO Companies
VALUES (3, 'Tech Solutions Ltd.', '789 Oak Lane, Montreal');
INSERT INTO Companies
VALUES (4, 'Global Innovations', '101 Pine Road, Calgary');
INSERT INTO Companies
VALUES (5, 'Acme Industries', '222 Cedar Street, Edmonton');

INSERT INTO Recruiters
VALUES (1, 1);
INSERT INTO Recruiters
VALUES (2, 2);
INSERT INTO Recruiters
VALUES (3, 3);
INSERT INTO Recruiters
VALUES (4, 4);
INSERT INTO Recruiters
VALUES (5, 5);

INSERT INTO JobSeekers
VALUES (6);
```

```sql
INSERT INTO JobSeekers
VALUES (7);
INSERT INTO JobSeekers
VALUES (8);
INSERT INTO JobSeekers
VALUES (9);
INSERT INTO JobSeekers
VALUES (10);

INSERT INTO JobPosts
VALUES (1, 1, 'Software Engineer', 'Online', 80000,
TO_DATE('2023-10-18','YYYY-MM-DD'), 'Full-time', 'We are looking for a
software engineer with strong programming skills.',
TO_DATE('2023-11-15','YYYY-MM-DD'), 'Bachelor''s degree in Computer
Science, Proficiency in Java, 2+ years of experience', 50);
INSERT INTO JobPosts
VALUES (2, 2, 'Marketing Manager', '456 Elm Avenue, Toronto', 70000,
TO_DATE('2023-10-19','YYYY-MM-DD'), 'Full-time', 'We need an
experienced marketing manager to lead our marketing team.',
TO_DATE('2023-11-20','YYYY-MM-DD'), 'Bachelor''s degree in Marketing,
5+ years of marketing experience', 20);
INSERT INTO JobPosts
VALUES (3, 1, 'Data Analyst', '123 Main Street, Vancouver', 30000,
TO_DATE('2023-10-19','YYYY-MM-DD'), 'Internship', 'We are hiring a
data analyst intern for a short-term project.',
TO_DATE('2023-11-10','YYYY-MM-DD'), 'Strong data analysis skills,
familiarity with Python and database', 30);
INSERT INTO JobPosts
VALUES (4, 3, 'Graphic Designer', 'Online', 55000,
TO_DATE('2023-10-21','YYYY-MM-DD'), 'Full-time', 'Looking for a
creative graphic designer to work on various design projects.',
TO_DATE('2023-11-25','YYYY-MM-DD'), 'Graphic design experience,
proficiency in Adobe Creative Suite', 12);
INSERT INTO JobPosts
VALUES (5, 4, 'Customer Support Representative', '101 Pine Road,
Calgary', 45000, TO_DATE('2023-10-22','YYYY-MM-DD'), 'Full-time', 'We
are seeking a customer support representative to assist our
customers.', TO_DATE('2023-11-30','YYYY-MM-DD'), 'Excellent
communication skills, customer service experience', 15);
```

```sql
INSERT INTO Resumes
VALUES ('http://example.com/resume1', 6);
INSERT INTO Resumes
VALUES ('http://example.com/resume2', 7);
INSERT INTO Resumes
VALUES ('http://example.com/resume3', 8);
INSERT INTO Resumes
VALUES ('http://example.com/resume4', 9);
INSERT INTO Resumes
VALUES ('http://example.com/resume5', 10);

INSERT INTO Applications
VALUES (1, 1, 1, TO_DATE('2023-10-19','YYYY-MM-DD'),
'http://example.com/coverletter1', 'http://example.com/resume1',
'Under Review', TO_DATE('2023-10-20','YYYY-MM-DD'));
INSERT INTO Applications
VALUES (2, 1, 2, TO_DATE('2023-10-20','YYYY-MM-DD'), NULL,
'http://example.com/resume2', 'Interviewing',
TO_DATE('2023-10-20','YYYY-MM-DD'));
INSERT INTO Applications
VALUES (3, 2, 3, TO_DATE('2023-10-21','YYYY-MM-DD'),
'http://example.com/coverletter3', 'http://example.com/resume3',
'Interviewing', TO_DATE('2023-10-22','YYYY-MM-DD'));
INSERT INTO Applications
VALUES (4, 3, 4, TO_DATE('2023-10-30','YYYY-MM-DD'),
'http://example.com/coverletter4', 'http://example.com/resume4',
'Position closed', TO_DATE('2023-10-30','YYYY-MM-DD'));
INSERT INTO Applications
VALUES (5, 4, NULL, TO_DATE('2023-10-10','YYYY-MM-DD'),
'http://example.com/coverletter5', 'http://example.com/resume5',
'Incomplete application', NULL);

INSERT INTO ScheduledInterviews
VALUES (1, 1, '123 Main St, City1', 'In-Person', TO_DATE('2023-10-28
10:00:00', 'YYYY-MM-DD hh24:mi:ss'), 'PST');
INSERT INTO ScheduledInterviews
```

```sql
VALUES (2, 2, '143 Main St, City2', 'In-Person', TO_DATE('2023-10-25
11:00:00', 'YYYY-MM-DD hh24:mi:ss'), 'EST');
INSERT INTO ScheduledInterviews
VALUES (3, 3, 'https://zoom.us/j/123', 'Online', TO_DATE('2023-10-15
13:00:00', 'YYYY-MM-DD hh24:mi:ss'), 'ADT');
INSERT INTO ScheduledInterviews
VALUES (4, 4, '193 University St, City4', 'In-Person',
TO_DATE('2023-10-25 10:00:00', 'YYYY-MM-DD hh24:mi:ss'), 'CDT');
INSERT INTO ScheduledInterviews
VALUES (5, 5, 'https://zoom.us/j/456', 'Online', TO_DATE('2023-10-10
14:30:00', 'YYYY-MM-DD hh24:mi:ss'), 'MST');

INSERT INTO Applications_ScheduledInterviews
VALUES (1, 1);
INSERT INTO Applications_ScheduledInterviews
VALUES (2, 2);
INSERT INTO Applications_ScheduledInterviews
VALUES (3, 3);
INSERT INTO Applications_ScheduledInterviews
VALUES (4, 4);
INSERT INTO Applications_ScheduledInterviews
VALUES (5, 5);

INSERT INTO Interviewers_Attend
VALUES (01, 1, 'Anna', 11111111);
INSERT INTO Interviewers_Attend
VALUES (02, 2, 'Jone', 22222222);
INSERT INTO Interviewers_Attend
VALUES (03, 3, 'Sandrew', 33333333);
INSERT INTO Interviewers_Attend
VALUES (04, 4, 'Peter', 44444444);
INSERT INTO Interviewers_Attend
VALUES (05, 5, 'Jack', 55555555);

INSERT INTO LocationDetails
VALUES ('V6T1Z1', 'Vancouver', 'BC');
INSERT INTO LocationDetails
VALUES ('M5R0A3', 'Toronto', 'ON');
INSERT INTO LocationDetails
```

```sql
VALUES ('T6G2R3', 'Edmonton', 'AB');
INSERT INTO LocationDetails
VALUES ('V6T1Z4', 'Vancouver', 'BC');
INSERT INTO LocationDetails
VALUES ('V6T1Z2', 'Vancouver', 'BC');

INSERT INTO CareerFairs
VALUES (91, 'BusinessCareerFair2023', 'V6T1Z1', 'University of British
Columbia', TO_DATE('2023-10-10','YYYY-MM-DD'));
INSERT INTO CareerFairs
VALUES (92, 'TechnicalCareerFair2024', 'M5R0A3', 'University of
Toronto', TO_DATE('2024-01-10','YYYY-MM-DD'));
INSERT INTO CareerFairs
VALUES (93, 'EngineerCareerFair2024', 'T6G2R3', 'University of
Alberta', TO_DATE('2024-09-10','YYYY-MM-DD'));
INSERT INTO CareerFairs
VALUES (94, 'TechnicalCareerFair2023', 'V6T1Z4', 'University of
British Columbia', TO_DATE('2023-05-10','YYYY-MM-DD'));
INSERT INTO CareerFairs
VALUES (95, 'EngineerCareerFair2023', 'V6T1Z2', 'University of British
Columbia',TO_DATE('2023-05-10','YYYY-MM-DD'));

INSERT INTO Companies_CareerFairs
VALUES (1, 91);
INSERT INTO Companies_CareerFairs
VALUES (2, 92);
INSERT INTO Companies_CareerFairs
VALUES (3, 93);
INSERT INTO Companies_CareerFairs
VALUES (4, 94);
INSERT INTO Companies_CareerFairs
VALUES (5, 95);

INSERT INTO JobSeekers_CareerFairs
VALUES (6, 91);
INSERT INTO JobSeekers_CareerFairs
VALUES (7, 92);
INSERT INTO JobSeekers_CareerFairs
VALUES (8, 93);
```

```sql
INSERT INTO JobSeekers_CareerFairs
VALUES (9, 94);
INSERT INTO JobSeekers_CareerFairs
VALUES (10, 95);
```