

MINI PROJECT: JOB SEARCH

DATABASE UNTUK SAINS DATA KELAS B

KELOMPOK 4



ANGGOTA KELOMPOK 4



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TABEL RELASIONAL



TABEL RELASIONAL 1NF

TABEL JOB

job_id	title	date	type	description	requirement	qualification	deadline	salary	company_id
1	Receptionist/ Admin	30-09-2018	Part-time or Full	The incumbent will work under	Answer telephone calls	Strong analytical and ar	05-11-2018	168001-258	1
1	Receptionist/ Admin	30-09-2018	Part-time or Full	The incumbent will work under	Provide interested pa	Strong analytical and ar	05-11-2018	168001-258	1
1	Receptionist/ Admin	30-09-2018	Part-time or Full	The incumbent will work under	Greet visitors and gui	Strong analytical and ar	05-11-2018	168001-258	1

TABEL COMPANY

company_id	name_com	location	email_com	password_com
1	Career Center Network	532 Autumn Brook Apt.	recruitment@careercenter.net	aVPoxzCZ
2	EPAM Systems	999 Natasha Haven	recruitment@epam.com	Xna1bFUP
3	MLN Pharm Ltd	114 Hines Ville Apt. 2	recruitment@mlnpharm.com	Y5s1GLW5

TABEL JOBSEEKER

jobseeker_id	name_js	birth_date	phone_number	email_js	password_js	address	education
1	Alan Tran	06/01/1990	(299)375-1746	hgonzalez@zmxoD1wq	9118 Rodriguez	PhD	
2	Alexander Edward	13/05/1973	(966)697-9845	dwilson@e7Jb5Hcsc	826 Chavez Ctr	High School	
3	Alyssa Rivers	20/03/1975	(320)788-5710	williamsdanLyKeVYKR	935 Johnny Pa	High School	

TABEL INTERVIEW

interview_num	job_id	date	time	jobseeker_id
1	3	11/12/2018	11:30	1
2	11	26/12/2018	13:30	10
3	6	25/09/2018	12:30	102

TABEL RESULT

result_id	jobseeker_id	job_id	status
1	82	1	Not Accepted
2	80	1	Not Accepted
3	53	10	Not Accepted

TABEL RESUME

resume_id	link_file	jobseeker_id
1	https://drive.google.com/uc	1
2	https://drive.google.com/uc	2
3	https://drive.google.com/uc	3

TABEL RELASIONAL 2NF

TABEL JOB

PK

FK

job_id	title	date	type	description	deadline	salary	company_id
1	Receptionist/ Administr.	30-09-2018	Part-time	The incumbent will work und	05-11-2018	168001-258000 A	1
2	QA Engineer	02-11-2017	Full time	EPAM Systems, Inc. is seeking	09-12-2017	348001-378000 A	2

TABEL QUALIFICATION

PK

qualif_id	qualification
1	Excellent communication skills;
2	Good oral and written communication

TABEL REQUIREMENT

PK

req_id	requirement
1	Answer telephone calls and inquiries,
2	Provide interested parties/ visitors wit

TABEL BRIDGE JOB-QUALIFICATION

FK

job_id	qualif_id
1	1
1	2

TABEL BRIDGE JOB-REQUIREMENT

FK

job_id	req_id
1	1
1	2

TABEL BRIDGE JOB-JOBSEEKER

FK

job_id	jobseeker_id
1	82
1	80

TABEL RELACIONAL 2NF

PK

TABEL COMPANY

company_id	name_com	location	email_com	password_com
1	Career Center N	532 Autumn Brook Ap	recruitment@car	aVPoxzCZ
2	EPAM Systems,	999 Natasha Haven	recruitment@ep	Xna1bFUP

PK

FK

TABEL INTERVIEW

FK

interview_id	job_id	date	time	jobseeker_id
1	1	11/12/2018	11:30	82
2	1	26/12/2018	13:30	80

PK

TABEL JOBSEEKER

jobseeker_id	name_js	birth_date	phone_number	email_js	password_js	address	education
1	Alan Tran	06/01/1990	(299)375-1746	hgonzalez@example.net	zmoxD1wq	9118 Rodriguez	PhD
2	Alexander Edwards	13/05/1973	(966)697-9845	dwilson@example.org	7Jb5Hcsc	826 Chavez Circ	High School

PK

FK

TABEL RESUME

resume_id	link_file	jobseeker_id
1	https://drive.google.com/uc?exp	1
2	https://drive.google.com/uc?exp	2

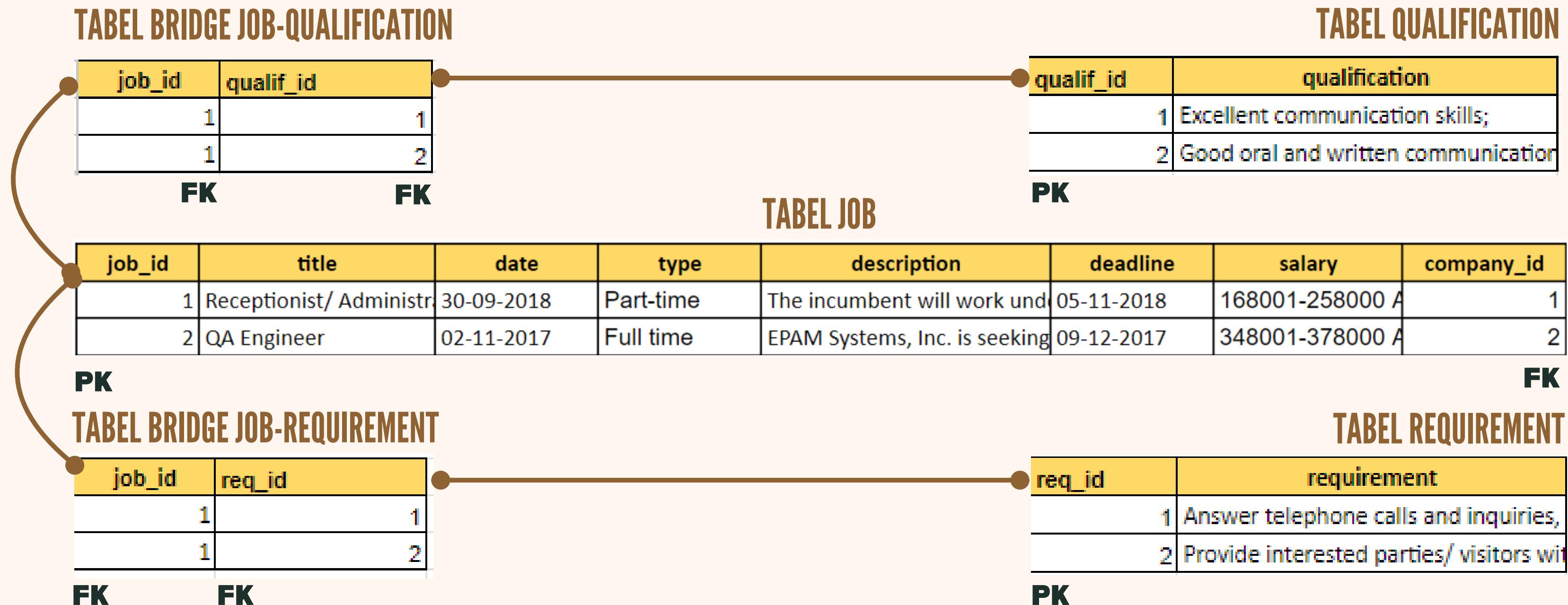
PK

FK

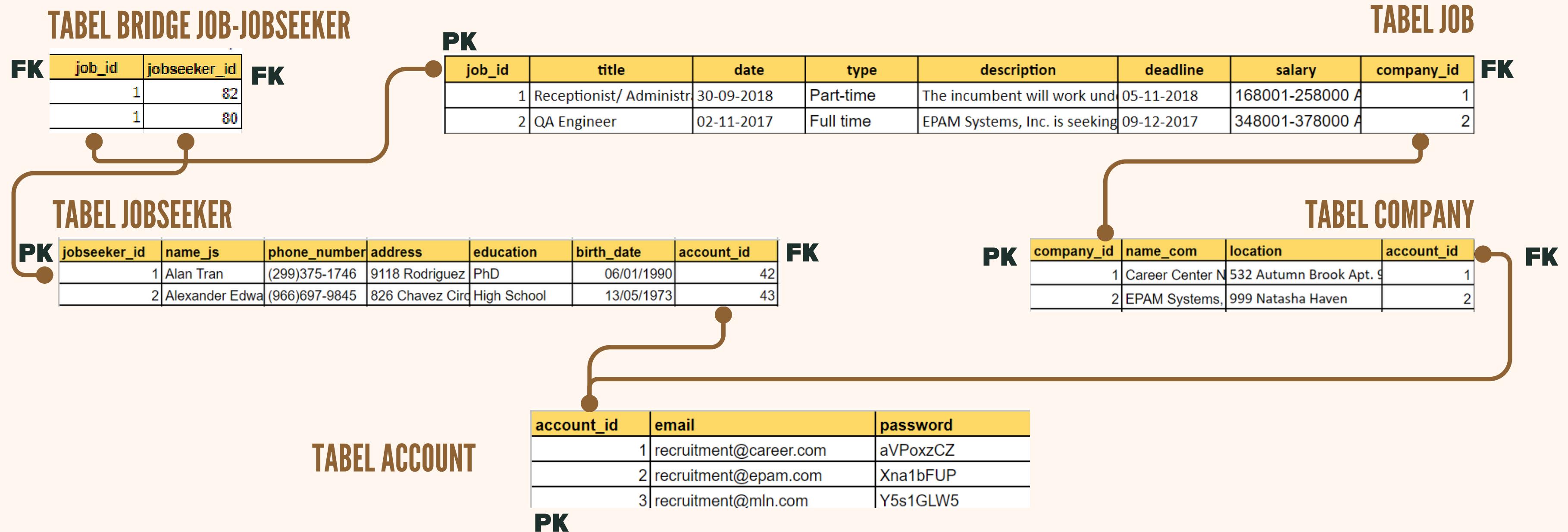
TABEL RESULT

result_id	jobseeker_id	job_id	status
1	82	1	Not Accepted
1	80	1	Not Accepted

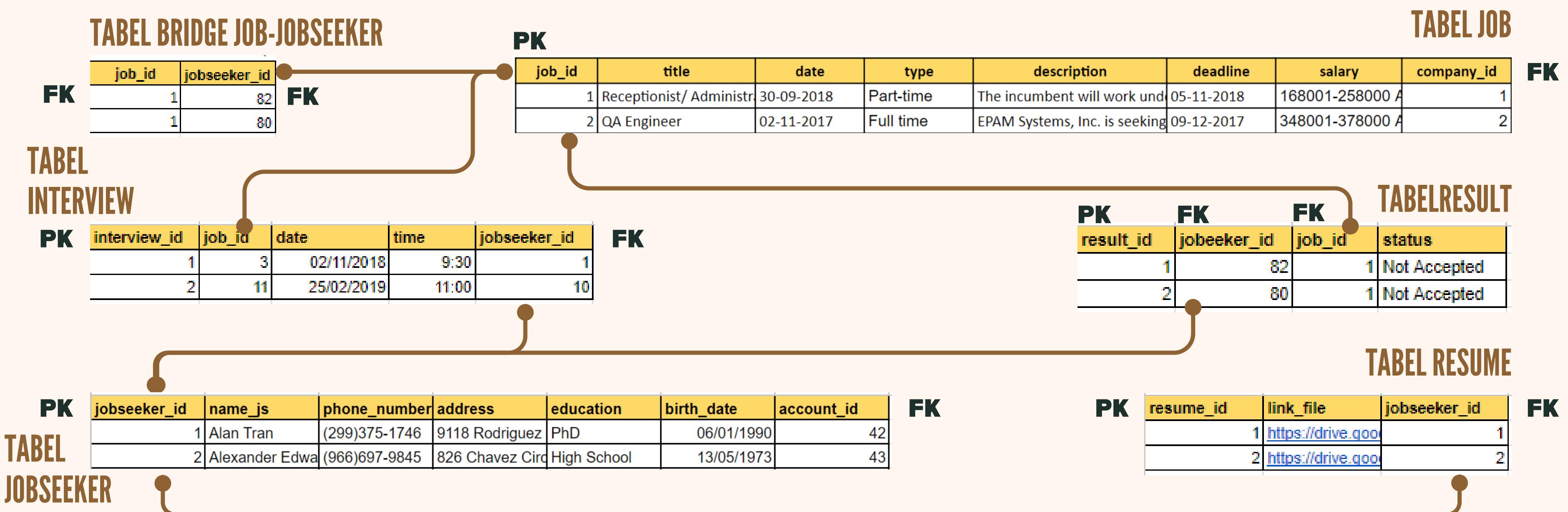
TABEL RELASIONAL 3NF



TABEL RELASIONAL 3NF



TABEL RELASIONAL 3NF



IMPLEMENTASI SQL



OVERVIEW

- Data berupa 12 tabel sebelumnya, diimport menjadi sebuah database dengan software DB Browser. Gambar di bawah adalah cuplikan informasi dari database.
- Sebelumnya terdapat 12 tabel, karena diaktifkan Auto Increment untuk Primary Key pada database, secara otomatis sistem menambahkan tabel dengan nama “sqlite_sequence”. Jadi, terdapat 13 tabel dalam database ini.

Name	Type	Schema
Tables (13)		
account		CREATE TABLE "account" ("account_id" INTEGER UNIQUE, "email" TEXT NOT NULL, "password" TEXT NOT NULL, PRIMARY KEY("account_id"))
br_apply		CREATE TABLE "br_apply" ("job_id" INTEGER, "jobseeker_id" INTEGER, FOREIGN KEY("jobseeker_id") REFERENCES "jobseeker"("jobseeker_id"))
br_qualif		CREATE TABLE "br_qualif" ("job_id" INTEGER NOT NULL, "qualif_id" INTEGER NOT NULL, FOREIGN KEY("job_id") REFERENCES "job"("job_id"))
br_requir		CREATE TABLE "br_requir" ("req_id" INTEGER NOT NULL, "job_id" INTEGER NOT NULL, FOREIGN KEY("req_id") REFERENCES "requir"("req_id"))
company		CREATE TABLE "company" ("company_id" INTEGER, "name_com" TEXT NOT NULL, "location" TEXT, "account_id" INTEGER, FOREIGN KEY("account_id") REFERENCES "account"("account_id"))
interview		CREATE TABLE "interview" ("interview_id" INTEGER, "job_id" INTEGER, "date" TEXT NOT NULL, "time" TEXT NOT NULL, "jobseeker_id" INTEGER, "status" TEXT)
job		CREATE TABLE "job" ("job_id" INTEGER UNIQUE, "title" TEXT NOT NULL, "date" TEXT NOT NULL, "type" TEXT NOT NULL, "description" TEXT)
jobseeker		CREATE TABLE "jobseeker" ("jobseeker_id" INTEGER, "name_js" TEXT NOT NULL, "phone_number" TEXT NOT NULL, "address" TEXT)
qualif		CREATE TABLE "qualif" ("qualification" TEXT NOT NULL, "qualif_id" INTEGER UNIQUE, PRIMARY KEY("qualif_id" AUTOINCREMENT))
requir		CREATE TABLE "requir" ("requirement" TEXT NOT NULL, "req_id" INTEGER UNIQUE, PRIMARY KEY("req_id" AUTOINCREMENT))
result		CREATE TABLE "result" ("result_id" INTEGER UNIQUE, "jobseeker_id" INTEGER, "job_id" INTEGER, "status" TEXT, PRIMARY KEY("result_id" AUTOINCREMENT))
resume		CREATE TABLE "resume" ("resume_id" INTEGER UNIQUE, "link_file" TEXT NOT NULL, "jobseeker_id" INTEGER, FOREIGN KEY("jobseeker_id") REFERENCES "jobseeker"("jobseeker_id"))
sqlite_sequence		CREATE TABLE sqlite_sequence(name,seq)
Indices (0)		
Views (0)		
Triggers (0)		



TABEL JOB

Name	Type	NN	PK	AI	U	Foreign Key
job_id	INTEGER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
title	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
date	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
type	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
description	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
deadline	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
salary	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
company_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"company"("company_id")

TABEL BRIDGE JOB-QUALIFICATION

Name	Type	NN	PK	AI	U	Foreign Key
job_id	INTEGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"job"("job_id")
qualif_id	INTEGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"qualif"("qualif_id")

TABEL ACCOUNT

Name	Type	NN	PK	AI	U
account_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
email	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
password	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TABEL COMPANY

Name	Type	NN	PK	AI	U	Foreign Key
company_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
name_com	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
location	TEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
account_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"account"("account_id")

TABEL BRIDGE JOB-REQUIREMENT

Name	Type	NN	PK	AI	U	Foreign Key
req_id	INTEGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"requir"("req_id")
job_id	INTEGER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"job"("job_id")

TABEL BRIDGE JOB-JOBSEEKER

Name	Type	NN	PK	AI	U	Foreign Key
job_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"job"("job_id")
jobseeker_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"jobseeker"("jobseeker_id")

TABEL

TABEL REQUIREMENT

Name	Type	NN	PK	AI	U
requirement	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
req_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TABEL QUALIFICATION

Name	Type	NN	PK	AI	U
qualification	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
qualif_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TABEL RESULT

Name	Type	NN	PK	AI	U	Foreign Key
result_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
jobseeker_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"jobseeker"("jobseeker_id")
job_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"job"("job_id")
status	TEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

TABEL INTERVIEW

Name	Type	NN	PK	AI	U	Foreign Key
interview_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
job_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
date	TEXT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
time	TEXT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
jobseeker_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"jobseeker"("jobseeker_id")

TABEL JOBSEEKER

Name	Type	NN	PK	AI	U	Foreign Key
jobseeker_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
name_js	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phone_number	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
address	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
education	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
account_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"account"("account_id")
birth_date	TEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

TABEL

TABEL RESUME

Name	Type	NN	PK	AI	U	Foreign Key
resume_id	INTEGER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
link_file	TEXT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
jobseeker_id	INTEGER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"jobseeker"("jobseeker_id")

TABEL SEQUENCE

Name	Type	NN	PK	AI	U
name	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
seq	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DATA TABEL SEQUENCE

	name	seq
1	account	238
2	qualif	221
3	requir	212
4	interview	100
5	jobseeker	197
6	result	100
7	job	50
8	company	41

QUERY



CREATE

```
CREATE TABLE "account" (
    "account_id"  TEXT UNIQUE,
    "email"  TEXT NOT NULL UNIQUE,
    "password"  TEXT NOT NULL,
    PRIMARY KEY("account_id")
);
```

INSERT DAN SELECT

```
INSERT INTO account (email, password) VALUES ('john@example.com', 'password123');
SELECT * FROM account WHERE email = 'john@example.com'
```

account_id	email	password
239	john@example.com	password123

DELETE DAN SELECT

```
DELETE FROM account WHERE email = 'john@example.com';
SELECT * FROM account WHERE email = 'john@example.com'
```

Execution finished without errors.
Result: 0 rows returned in 25ms

UPDATE DAN SELECT

```
UPDATE account SET password = 'new_password' WHERE email = 'john@example.com';
SELECT * FROM account WHERE email = 'john@example.com'
```

account_id	email	password
239	john@example.com	new_password

SELECT COUNT HAVING

```
SELECT company_id, COUNT(*) as job_count FROM job GROUP BY company_id HAVING job_count > 2
```

company_id	job_count
18	4
27	3

QUERY



SELECT JOIN ON

```
SELECT job.title, result.status FROM result JOIN job ON result.job_id = job.job_id WHERE jobseeker_id = 82
```

title	status
Receptionist/ Administrative Assistant	Not Accepted
Sociologist/ Quality Control Manager	Accepted
Construction Foreman/ Supervisor	Not Accepted

SELECT COUNT GROUP BY

```
SELECT company_id, COUNT(*) as job_count FROM job GROUP BY company_id
```

company_id	job_count
1	1
2	2

SELECT WHERE

```
SELECT * FROM jobseeker WHERE education = "Bachelor's Degree"
```

jobseeker_id	name_js	phone_number	address	education	...
6	Amber Hughes	(695)885-3054	030 Atkinson Throughway	Bachelor's Degree	
10	Angela Long	(296)465-2879	882 Walters Pike	Bachelor's Degree	
16	Bradley Dean	(913)209-8500	197 Larry Path	Bachelor's Degree	
19	Brittany Rivera	(269)332-5096	765 White Glens	Bachelor's Degree	
21	Catherine Chavez	(780)943-9255	9616 Fitzpatrick Crescent Apt.796	Bachelor's Degree	

SELECT ORDER BY

```
SELECT * FROM job ORDER BY date DESC
```

job_id	title	date	type	description	deadline	salary	...
29	Reporting and Quality Consultant	31-10-2018	Full time	S/he will be responsible for preparing reports,..	12-12-2018	348001-378000 AMD	
5	Cashier	30-10-2017	Full time	The incumbent will be responsible for the vault...	03-12-2017	228001-258000 AMD	
1	Receptionist/ Administrative Assistant	30-09-2018	Part-time	The incumbent will work under the direct supervision of...	05-11-2018	168001-258000 AMD	
3	Assistant to Regional Manager	30-08-2018	Full-time	"MLN Pharm" Ltd invites applications from qualified...	30-09-2018	408001-438000 AMD	
31	Project Coordinator	30-08-2017	Full time	Assist the Manager of the project Reducing Violence...	02-10-2017	408001-438000 AMD	
41	Internal Communication Specialist	30-06-2018	Full time	The Internal Communication Specialist will be...	04-08-2018	228001-258000 AMD	
32	Finance Officer	29-05-2018	Full-time	Finance Officer will support Finance Department with...	10-07-2018	228001-258000 AMD	

IMPLEMENTASI GUI & TESTING



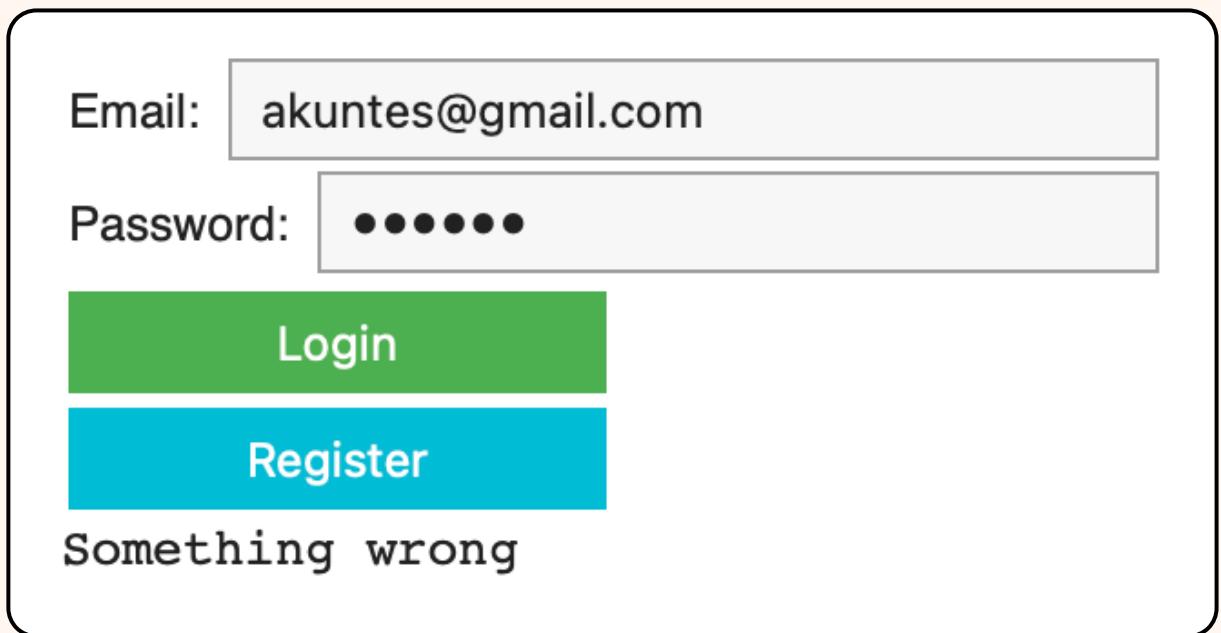
Fitur Login

LOGIN

Jika pengguna memilih "Login", pengguna akan diminta memasukkan email dan kata sandinya. Sistem kemudian memeriksa apakah email dan kata sandi cocok dengan akun yang ada pada database.

- Jika login berhasil, pengguna akan diarahkan ke menu utama baik sebagai jobseeker maupun company, tergantung jenis akunnya.
- Jika login gagal, pengguna diberitahu dan diberikan pilihan untuk mencoba lagi.

Jika login gagal



Email: akuntes@gmail.com

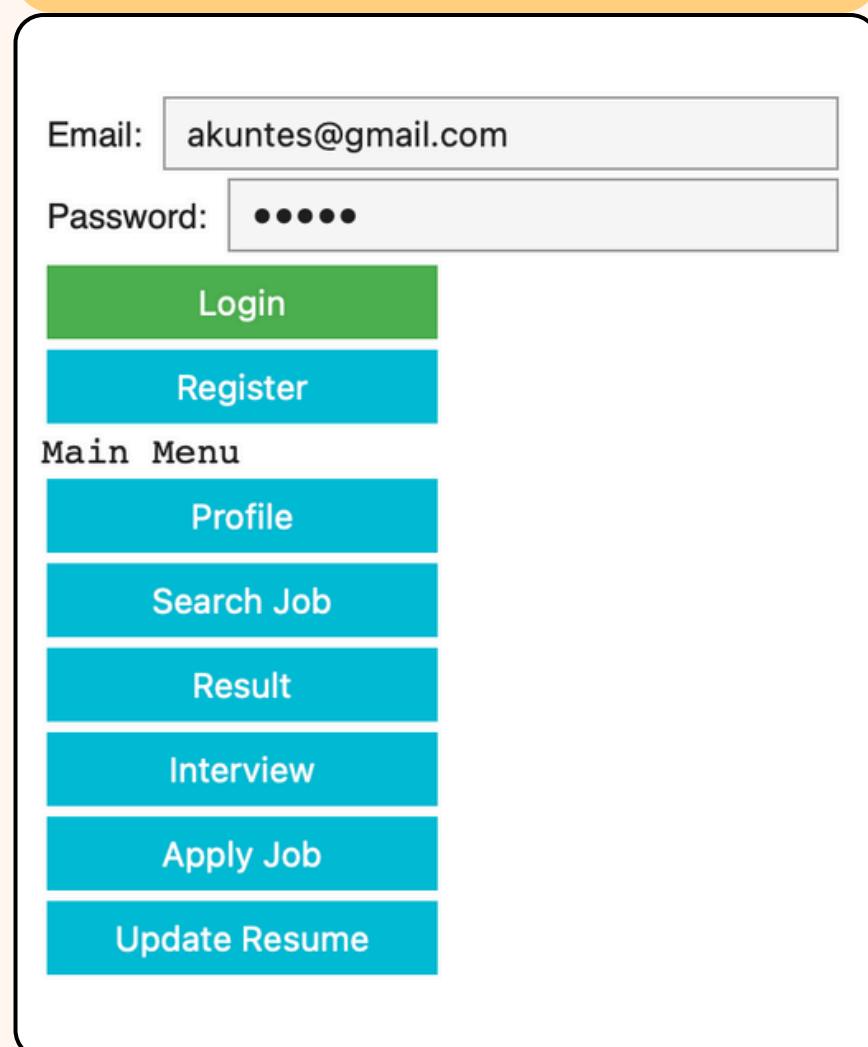
Password: •••••

Login

Register

Something wrong

login berhasil sebagai jobseeker



Email: akuntes@gmail.com

Password: •••••

Login

Register

Main Menu

Profile

Search Job

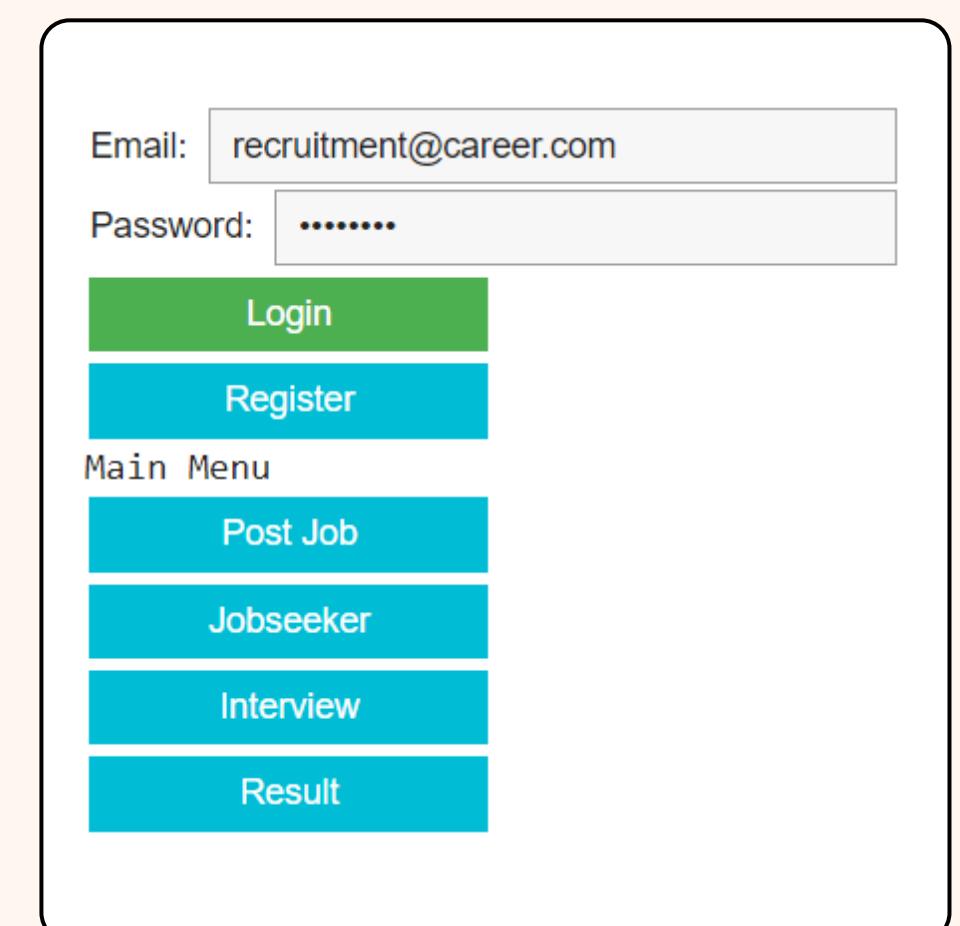
Result

Interview

Apply Job

Update Resume

login berhasil sebagai company



Email: recruitment@career.com

Password:

Login

Register

Main Menu

Post Job

Jobseeker

Interview

Result

Fitur Registrasi

Masukkan email dan password untuk akun anda

Email:

Password:

Login

Register

Lakukan registrasi terlebih dahulu jika anda belum mempunyai akun, gunakan email yang belum pernah anda

Email:

Password:

Login

Register

Success! Please choose:

Jobseeker

Company

Pilih jenis akun yang akan dibuat

Setelah memilih salah satu, maka anda akan diarahkan untuk mengisi data

JOBSEEKER

Name:

Address:

Phone:

Education:

Birth Datw:

Register Jobseeker

Jobseeker registration complete!

Login Again

COMPANY

Company Name:

Location:

Register Company

Company registration complete!

Login Again

Setelah berhasil, klik tombol login again dan anda akan diarahkan untuk login kembali agar dapat menggunakan fitur selanjutnya

Jika email yang anda masukkan sudah ada dalam data

You must enter an email that you have never used

Failed

Menu Utama

MAIN MENU JOBSEEKER

Menu utama sebagai jobseeker mencakup opsi untuk

1. melihat profil,
2. mencari pekerjaan,
3. melihat hasil,
4. melihat jadwal wawancara,
5. melamar pekerjaan, dan
6. memperbarui resume.

MAIN MENU COMPANY

Menu utama sebagai company mencakup opsi untuk

1. memposting pekerjaan,
2. melihat pelamar,
3. membuat jadwal wawancara, dan
4. menambahkan hasil untuk jobseeker .

Email: martinezbrian@example.net

Password: •••••••

Login

Register

Main Menu

Profile

Search Job

Result

Interview

Apply Job

Update Resume

Main Menu Jobseeker

Email: recruitment@career.com

Password: •••••••

Login

Register

Main Menu

Post Job

Jobseeker

Interview

Result

Main Menu Company

Fitur Jobseeker

FITUR JOBSEEKER: PROFILE

Fitur "Profile" memungkinkan pencari kerja untuk melihat informasi pribadi, seperti nama, nomor telepon, alamat, pendidikan, dan tanggal lahir. Mereka juga dapat melihat jumlah pekerjaan yang telah mereka lamar dan link resume mereka. Untuk memperbarui profil, user dapat mengklik tombol "Update Profile".

Email:

Password:

[Login](#)

[Register](#)

Main Menu

P

S

[Profile](#)

[Search Job](#)

[Result](#)

[Interview](#)

[Apply Job](#)

[Update Resume](#)

Main Menu Jobseeker

Name	Phone Number	Address	Education	Birth Date	Number of Jobs Applied	Resume
0 Leslie Reynolds	(801)916-6749	693 Moore Mews Apt. 551	Master's Degree	17/04/1971	0	https://drive.google.com/uc?export=view&id=50c...

Fitur Jobseeker: Profile

Job Title: Software									
Job ID	Title	Date	Type	Description	Deadline	Salary	Company	Qualifications	Requirements
0 4	Mid-Level Software Developer	04-08-2018	Full-time	The Mid-level Developer will focus on core sof...	18-09-2018	288001-318000 AMD	Synergy International Systems Inc., Armenian B...	Strong knowledge of OOA/OOD; From 3 to 5 years...	Design, proto-type, develop and manage the tec...
1 19	Software Developer	19-05-2018	Full time	Software Delivery is one of the service offeri...	25-06-2018	288001-318000 AMD	HSBC Bank Armenia CJSC	At least 3 years of experience in working with...	Assure full conformance of source codes to pro...
2 21	Junior Software Developer	27-11-2017	Full-time	The incumbent will join a team responsible for...	08-01-2018	228001-258000 AMD	FIP Software LLC	Experience with version control systems such a...	Identify innovative ideas and proofs of the co...
3 26	Java Software Developer	26-10-2017	Full time	Sourcio is seeking experienced Java Developers...	27-11-2017	348001-378000 AMD	Sourcio CJSC	At least 2 years of practical experience in Ja...	Communicate effectively with local management ...

Fitur Jobseeker: Search Job

FITUR JOBSEEKER: SEARCH JOB

Fitur "Search Job" memungkinkan pencari kerja untuk mencari pekerjaan yang sesuai dengan *Job Title*.

Fitur Jobseeker

Email: martinezbrian@example.net

Password: ••••••••

Login

Register

Main Menu

Profile

Search Job

Result

Interview

Apply Job

Update Resume

Name	Phone Number	Address	Education	Birth Date	Number of Jobs Applied	Resume
0 Leslie Reynolds	(801)916-6749	693 Moore Mews Apt. 551	Master's Degree	17/04/1971	0	https://drive.google.com/uc?export=view&id=50c...

[Update Profile](#)

[Back to Main Menu](#)

Fitur Jobseeker: Profile

Name: Leslie Reynolds

Phone Number: (801)916-6749

Address: 693 Moore Mews Apt. 551

Education: Master's Degree

Birth Date: 17/04/1971

Submit

Fitur Jobseeker: Update Profile

FITUR JOBSEEKER: UPDATE PROFILE PADA PROFILE

Fitur "Update Profile" memungkinkan jobseeker untuk mengupdate informasi pribadi, seperti nama, nomor telepon, alamat, pendidikan, dan tanggal lahir.

Profile updated successfully!

[Back to Main Menu](#)

Main Menu Jobseeker

Fitur Jobseeker

Email: martinezbrian@example.net

Password: ••••••••

Login

Register

Main Menu

Profile

Search Job

Result

Interview

Apply Job

Update Resume

Main Menu Jobseeker

FITUR JOBSEEKER: RESULT

Fitur "Result" memungkinkan jobseeker untuk melihat hasil dari pelamaran kerja. Jika jobseeker belum pernah melamar kerja, akan ditampilkan "There is no result"

	Job Title	Status
0	QA Engineer	Not Accepted
1	Supervisor of Program Activities in Stepanakert	Not Accepted

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Fitur Jobseeker: Result

FITUR JOBSEEKER: INTERVIEW

Fitur "Interview" akan menampilkan jadwal interview yang telah dijadwalkan untuk jobseeker.

There is no result

Back to Main Menu

Tampilan jika pelamar belum pernah melamar kerja

	Title	Company	Date	Time
0	QA Engineer	EPAM Systems, Inc.	21/01/2018	10:30
1	Supervisor of Program Activities in Stepanakert	Medecins Sans Frontieres - France, Armenian Br...	16/08/2018	13:00

Back to Main Menu

Fitur Jobseeker: Interview

Fitur Jobseeker

Email: martinezbrian@example.net

Password: ••••••••

Login

Register

Main Menu

Profile

Search Job

Result

Interview

Apply Job

Update Resume

Fitur Jobseeker: Apply Job

Job ID:

Apply

Back to Main Menu

Fitur Jobseeker: Update Resume

Link:

Submit

Main Menu Jobseeker

FITUR JOBSEEKER: APPLY JOB

Fitur "Apply Job" memungkinkan jobseeker untuk melamar kerja dengan meng-input Job ID.

FITUR JOBSEEKER: UPDATE RESUME

Fitur "Update Resume" memungkinkan jobseeker untuk mengupdate *link resume*.

Job ID: 6

Apply

Back to Main Menu

You have already applied to be Sales Director in Coffee Trade LLC

Tampilan jika jobseeker melamar pada job yang sudah pernah dilamar.

Job ID: 31

Apply

Back to Main Menu

You have successfully applied to be Assistant to Regional Manager in MLN Pharm Ltd

Tampilan jobseeker yang berhasil melamar kerja.

Link:

Submit

Resume updated successfully!

Back to Main Menu

Tampilan berhasil update resume

Fitur Company

Email: recruitment@career.com

Password:

Login

Register

Main Menu

Post Job

Jobseeker

Interview

Result

Main Menu Company

Title: Title

Today: 06/06/2024

Type: Part-time

Description: Description

Deadline: 06/06/2024

Salary: Range Salary (xxx-xxx)

Requirement: Requirement (Setiap kalimat dipisahkan dengan ;)

Qualification: Qualification (Setiap kalimat dipisahkan dengan ;)

Submit

[Back to Main Menu](#)

Job has been added!

Fitur Company: Post Job

FITUR COMPANY: POST JOB

Fitur "Post Job" memungkinkan company untuk menambahkan tawaran pekerjaan baru. Setelah berhasil submit job baru, akan ditampilkan "Job has been added!"

Jobseeker ID	Name	Phone Number	Address	Education	Link File	Job Title	Age
0	82 Jennifer Drake	(866)680-3729	975 Mark Cape Apt. 378	High School	https://drive.google.com/uc?export=view&id=466...	Receptionist/Administrative Assistant	54
1	80 Jeffrey Stone	(742)366-4392	723 Laura Route	PhD	https://drive.google.com/uc?export=view&id=bf9...	Receptionist/Administrative Assistant	59

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Fitur Company: Jobseeker

Fitur Company: Interview

FITUR COMPANY: VIEW INTERVIEW

Fitur "View Interview" memungkinkan company untuk melihat interview yang terjadwal.

FITUR COMPANY: CREATE NEW SCHEDULE

Fitur "Create New Schedule" memungkinkan company untuk menjadwalkan interview dengan jobseeker. Apabila jobseeker ID yang dimasukkan bukanlah pelamar pada company, akan ditampilkan "Jobseeker has not yet applied for the job". Jika sudah, akan ditampilkan "The interview schedule has been created"

Fitur Company: View Interview

Jobseeker ID	Name	Job Title	Date	Time
0	102	Julia Green	Mathematician/ Statistician	14/04/2017 11:30
1	45	Deborah Bailey	Mathematician/ Statistician	18/04/2017 12:00
2	11	Anne Ingram	Mathematician/ Statistician	07/06/2024 12:00

[Back to Main Menu](#)

Job ID: 8

Date: dd / mm / yyyy

Time: HH:MM

Jobseeker ... Jobseeker ID

[Create Schedule](#)

[Back to Main Menu](#)

[View Interview](#)

[Create New Schedule](#)

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Jobseeker has not yet applied for the job!

The interview schedule has been created!

Fitur Company: Create New Schedule

Fitur Company: Result

Main Menu Company

Email: recruitment@career.com

Password:

Login

Register

Main Menu

Post Job

Jobseeker

Interview

Result

Fitur Company: Result

Job ID: 1

Jobseeker ...

Status: Accepted

Add Result

Back to Main Menu

FITUR COMPANY: RESULT

Fitur “Result” memungkinkan company untuk menambahkan hasil lamaran kerja dengan pilihan Acceptor/Not Accepted.

KESIMPULAN



- Hasil penggerjaan Mini Project ini menunjukkan bahwa implementasi SQL dan GUI dalam Mini Project Database telah berhasil.
- Database "Database Final Project.db" terdiri dari beberapa tabel relasional, seperti account, qualif, requir, br_apply, br_qualif, br_requir, interview, jobseeker, result, resume, dan job, dengan kolom dan primary key sesuai kebutuhan data.
- Implementasi SQL mencakup query untuk memasukkan, mengubah, menghapus, dan mengambil data, yang digunakan melalui GUI dengan menu login, register, menu utama jobseeker, dan menu utama company.
- Testing memastikan fungsi GUI berjalan dengan baik dan data dapat dikelola dengan benar.
- Secara keseluruhan, mini project dengan tema “Job Search” ini berhasil diimplementasikan menggunakan SQL dan GUI, dengan database yang mampu mengelola data dengan cukup efektif.

THANK
You



LINK PRESENTASI

<https://youtu.be/usjiBw9eFFE>

LINK GOOGLE COLAB

<https://colab.research.google.com/drive/1uTkE74dYXu0-uQQXy12AcsP5iGOAkBVq?usp=sharing>