Database model documentation

Table of contents

1. Model details

Model name:

Database Model for Job Portal

Version:

2.3

Database engine:

Oracle Database

Description:

2. Tables

2.1. Table user_account

2.1.1. Columns

Column name	Type	Properties	Description
id	number	PK	
user_type_id	number		
email	varchar2(255)		
password	varchar2(100)		
date_of_birth	date		
gender	char(1)		
is_active	char(1)		
contact_number	number(10)		
sms_notification _active	char(1)		
email_notificati on_active	char(1)		
user_image	blob	null	
registration_dat e	date		

2.2. Table user_type

2.2.1. Columns

Column name	Type	Properties	Description
id	number	PK	
user_type_name	varchar2(20)		

2.3. Table company

2.3.1. Columns

Column name	Type	Properties	Description
id	number	PK	
company_name	varchar2(100)		

profile_descript ion	varchar2(1000)		
business_stream_ id	number		
establishment_da te	date		
company_website_ url	varchar2(500)		

2.4. Table user_log

2.4.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
last_login_date	date		
last_job_apply_d ate	date	null	

2.5. Table business_stream

2.5.1. Columns

Column name	Type	Properties	Description
id	number	PK	
business_stream_ name	varchar2(100)		

2.6. Table seeker_profile

2.6.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
first_name	varchar2(50)		
last_name	varchar2(50)		
current_salary	number	null	
is_annually_mont hly	char(1)	null	
currency	varchar2(50)	null	

2.7. Table company_image

2.7.1. Columns

Column name	Type	Properties	Description
id	number	PK	
company_id	number		
company_image	blob		

2.8. Table seeker_skill_set

2.8.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
skill_set_id	number	PK	
skill_level	number		

2.9. Table experience_detail

2.9.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
is_current_job	char(1)		
start_date	date	PK	
end_date	date	PK	
job_title	varchar2(50)		
company_name	varchar2(100)		
job_location_city	varchar2(50)		
job_location_state	varchar2(50)		
job_location_country	varchar2(50)		
description	varchar2(4000)		

2.10. Table education_detail

2.10.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
certificate_degree_name	varchar2(50)	PK	
major	varchar2(50)	PK	
Institute_university_name	varchar2(50)		
starting_date	date		
completion_date	date	null	
percentage	number	null	
cgpa	number	null	

2.11. Table job_post

2.11.1. Columns

Column name	Type	Properties	Description
id	number	PK	
posted_by_id	number		
job_type_id	number		
company_id	number		
is_company_name_hidden	char(1)		
created_date	date		
job_description	varchar2(500)		
job_location_id	number		
is_active	char(1)		

2.12. Table job_post_activity

2.12.1. Columns

Column name	Type	Properties	Description
user_account_id	number	PK	
job_post_id	number	PK	
apply_date	date		

2.13. Table job_post_skill_set

2.13.1. Columns

Column name	Type	Properties	Description
skill_set_id	number	PK	
job_post_id	number	PK	
skill_level	number		

2.14. Table job_type

2.14.1. Columns

Column name	Type	Properties	Description
id	number	PK	
job_type	varchar2(20)		

2.15. Table skill_set

2.15.1. Columns

Column name	Type	Properties	Description
id	number	PK	
skill_set_name	varchar2(50)		

2.16. Table job_location

2.16.1. Columns

Column name	Type	Properties	Description
id	number	PK	
street_address	varchar2(100)		
city	varchar2(50)		
state	varchar2(50)		
country	varchar2(50)		
zip	varchar2(50)		

3. References

3.1. Reference use_log_user_register

user_account	0..*	user_log
id	<->	user_account_id

3.2. Reference user_register_user_type

user_type	0..*	user_account
id	<->	user_type_id

3.3. Reference company_image_company

company	0..*	company_image
id	<->	company_id

3.4. Reference company_business_stream

business_stream	0..*	company
id	<->	business_stream_id

3.5. Reference seeker_skill_set_skill_set

skill_set	0..*	seeker_skill_set
id	<->	skill_set_id

3.6. Reference job_post_user_register

user_account	0..*	job_post
id	<->	posted_by_id

3.7. Reference job_post_job_type

job_type	0..*	job_post
id	<->	job_type_id

3.8. Reference job_post_company

company	0..*	job_post
id	<->	company_id

3.9. Reference seeker_profile_user_register

user_account	0..*	seeker_profile
id	<->	user_account_id

3.10. Reference job_post_act_user_register

user_account	0..*	job_post_activity
id	<->	user_account_id

3.11. Reference job_post_activity_job_post

job_post	0..*	job_post_activity
id	<->	job_post_id

3.12. Reference job_post_skill_set_skill_set

skill_set	0..*	job_post_skill_set
id	<->	skill_set_id

3.13. Reference job_post_skill_set_job_post

job_post	0..*	job_post_skill_set
id	<->	job_post_id

3.14. Reference job_post_job_location

job_location	0..*	job_post
id	<->	job_location_id

3.15. Reference educ_dtl_seeker_profile

seeker_profile	0..*	education_detail
user_account_id	<->	user_account_id

3.16. Reference exp_dtl_seeker_profile

seeker_profile	0..*	experience_detail
user_account_id	<->	user_account_id

3.17. Reference skill_set_seeker_profile

seeker_profile	0..*	seeker_skill_set
user_account_id	<->	user_account_id

4. Areas

4.1. User Management subject area

4.1.1. Tables

- user_account
- user_type
- user_log

4.1.2. References

- use_log_user_register
- user_register_user_type
- company_image_company
- company_business_stream
- seeker_skill_set_skill_set
- job_post_user_register
- job_post_job_type
- job_post_company
- seeker_profile_user_register
- job_post_act_user_register
- job_post_activity_job_post
- job_post_skill_set_skill_set
- job_post_skill_set_job_post
- job_post_job_location
- educ_dtl_seeker_profile
- exp_dtl_seeker_profile
- skill_set_seeker_profile

4.2. Company Profile subject area

4.2.1. Tables

- company
- business_stream
- company_image

4.2.2. References

- use_log_user_register
- user_register_user_type
- company_image_company
- company_business_stream
- seeker_skill_set_skill_set
- job_post_user_register

4.3. Seeker Profile Builder subject area

4.3.1. Tables

4.3.2. References

4.4. Job Post Management subject area

4.4.1. Tables

- job_post
- job_post_activity
- job_post_skill_set
- job_type
- job_location

4.4.2. References

- use_log_user_register
- user_register_user_type
- company_image_company
- company_business_stream
- seeker_skill_set_skill_set
- job_post_user_register
- job_post_job_type
- job_post_company
- seeker_profile_user_register
- job_post_act_user_register
- job_post_activity_job_post
- job_post_skill_set_skill_set
- job_post_skill_set_job_post
- job_post_job_location
- educ_dtl_seeker_profile
- exp_dtl_seeker_profile
- skill_set_seeker_profile