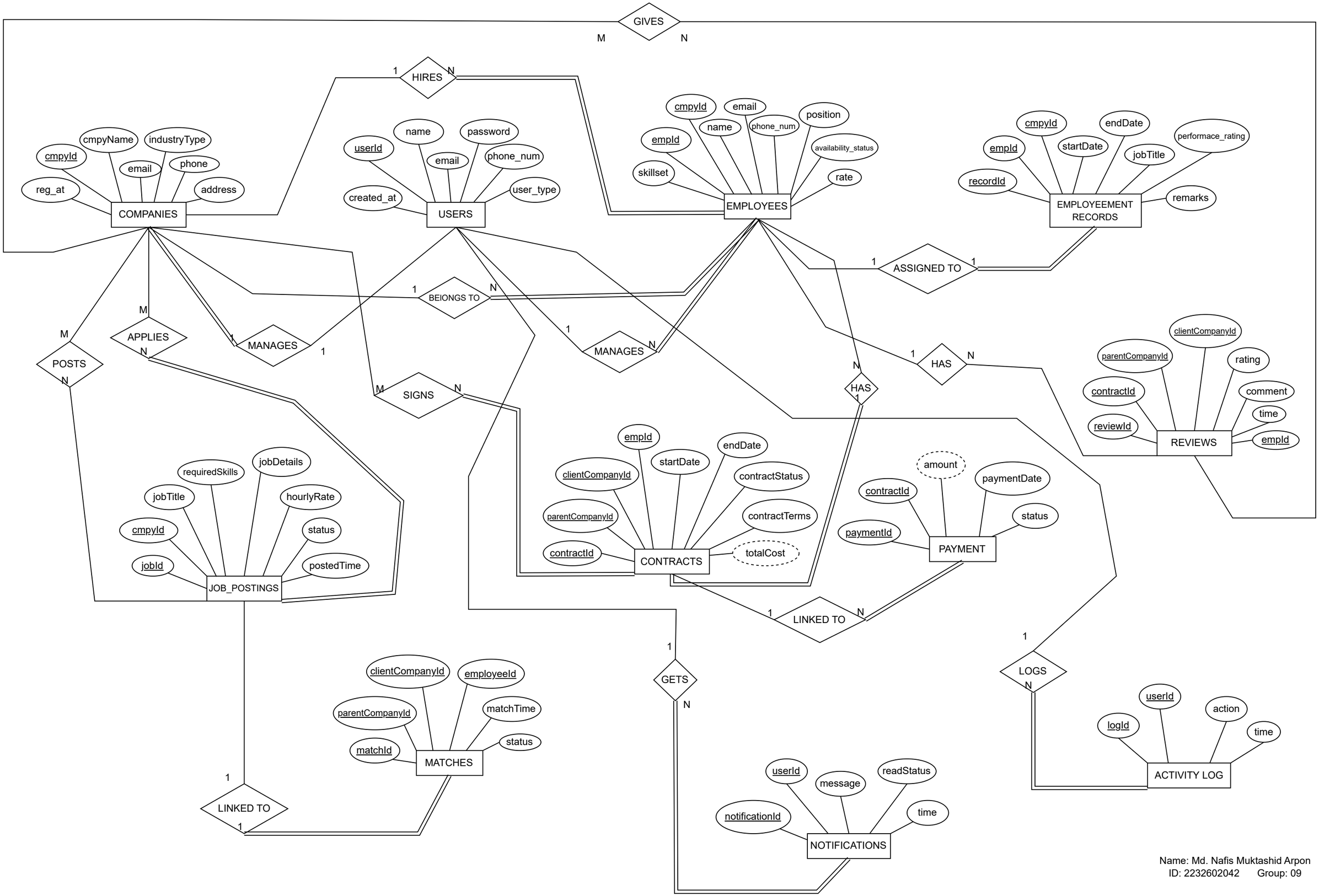
ER Diagram



Name: Md. Nafis Muktashid Arpon
ID: 2232602042 Group: 09

Relational Schema

USERS

userId	password	name	email	phone_num	user_type	created_at

COMPANIES

cmpyId	name	industry_type	email	phone	address	registered_at

EMPLOYEES

empId	name	email	phone	position	skillset	rate	availability_status	*cmpyId*

EMPLOYEEMENT RECORDS

recordId	start_date	end_date	job_title	performance_rating	remarks	*empId*	*cmpyId*

JOB_POSTINGS

jobId	job_title	required_skill	job_details	rate	status	posted_time	*cmpyId*

CONTRACTS

contractId	start_date	end_date	status	terms	*parentCompanyId*	*clientCompanyId*	*empId*

PAYMENT

paymentId	payment_date	status	*contractId*

REIVEWS

reviewId	*contractId*	*parentCompanyId*	*clientCompanyId*	rating	comment	time	*empId*

MATCHES

matchId	status	time	*parentCompanyId*	*clientCompanyId*	*empId*

NOTIFICATIONS

notificationId	message	read_status	time	*userId*

ACTIVITY_LOG

logId	*userId*	action	time

COMPANY-EMPLOYEE ASSIGNEMENT

recordId	*contractId*	*cmpyId*	empID

COMPANY-JOB APPLY

recordId	*cmpyId*	*jobId*

COMPANY-JOB POST

recordId	*cmpyId*	*jobId*

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Normalised Relational Schema

USERS

userId	password	name	email	phone_num	user_type	created_at

COMPANIES

companyId	name	industry_type	email	phone	address	registered_at

EMPLOYEES

employeeId	name	email	phone	position	rate	availability_status	*companyId*

EMPLOYEE SKILLS

employeeId	skillId	experience_level

SKILLS

skillId	skill_name

EMPLOYEEMENT RECORDS

recordId	start_date	end_date	job_title	performance_rating	remarks	*employeeId*

JOB_POSTINGS

jobId	job_title	required_skill	job_details	rate	status	posted_time	*companyId*

COMPANY-JOB APPLY

recordId	*cmpyId*	*jobId*

COMPANY-JOB POST

recordId	*cmpyId*	*jobId*

APPLICATIONS

applicationId	*employeeId*	*jobId*	apply_time	status

CONTRACTS

contractId	start_date	end_date	status	*parentCompanyId*	*clientCompanyId*

CONTRACT TERMS

termId	*contractId*	description

PAYMENT

paymentId	amount	payment_date	status	*contractId*

COMPANY-EMPLOYEE ASSIGNEMENT

recordId	*contractId*	*companyId*	*employeeId*

MATCHES

matchId	status	time	*parentCompanyId*	*clientCompanyId*	*employeeId*

REIVEWS

reviewId	*employeeId*	*clientCompanyId*	rating	comment	time

NOTIFICATIONS

notificationId	message	read_status	time	*userId*

ACTIVITY_LOG

logId	*userId*	action	time

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