

## Tables (14)

Name	Type	Schema
<b>admin</b>		CREATE TABLE admin ( admin_id INTEGER PRIMARY KEY AUTOINCREMENT, username TEXT NOT NULL UNIQUE, password TEXT NOT NULL )
admin_id	INTEGER	"admin_id" INTEGER
username	TEXT	"username" TEXT NOT NULL UNIQUE
password	TEXT	"password" TEXT NOT NULL
<b>applications</b>		CREATE TABLE applications ( application_id INTEGER PRIMARY KEY AUTOINCREMENT, job_id INTEGER, usn TEXT, status TEXT CHECK(status IN ('Applied', 'Under Review', 'Rejected', 'Accepted')) DEFAULT 'Applied', applied_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (job_id) REFERENCES jobs (job_id) ON DELETE CASCADE, FOREIGN KEY (usn) REFERENCES students (usn) ON DELETE CASCADE )
application_id	INTEGER	"application_id" INTEGER
job_id	INTEGER	"job_id" INTEGER
usn	TEXT	"usn" TEXT
status	TEXT	"status" TEXT DEFAULT 'Applied' CHECK("status" IN ('Applied', 'Under Review', 'Rejected', 'Accepted'))
applied_date	TIMESTAMP	"applied_date" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
<b>attempts</b>		CREATE TABLE attempts ( attempt_id INTEGER PRIMARY KEY AUTOINCREMENT, usn TEXT, question_id INTEGER, attempt_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (usn) REFERENCES students (usn) ON DELETE CASCADE, FOREIGN KEY (question_id) REFERENCES questions (question_id) ON DELETE CASCADE )
attempt_id	INTEGER	"attempt_id" INTEGER
usn	TEXT	"usn" TEXT
question_id	INTEGER	"question_id" INTEGER
attempt_time	TIMESTAMP	"attempt_time" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
<b>companies</b>		CREATE TABLE companies ( company_id INTEGER PRIMARY KEY AUTOINCREMENT, name TEXT NOT NULL UNIQUE, email TEXT NOT NULL UNIQUE, phone TEXT NOT NULL UNIQUE, password TEXT NOT NULL )
company_id	INTEGER	"company_id" INTEGER
name	TEXT	"name" TEXT NOT NULL UNIQUE
email	TEXT	"email" TEXT NOT NULL UNIQUE
phone	TEXT	"phone" TEXT NOT NULL UNIQUE
password	TEXT	"password" TEXT NOT NULL
<b>interviews</b>		CREATE TABLE interviews ( interview_id INTEGER PRIMARY KEY AUTOINCREMENT, application_id INTEGER, interview_date TEXT DEFAULT NULL, interview_status TEXT CHECK(interview_status IN ('Scheduled', 'Completed', 'Cancelled')) DEFAULT 'Scheduled', FOREIGN KEY (application_id) REFERENCES applications(application_id) ON DELETE CASCADE )
interview_id	INTEGER	"interview_id" INTEGER
application_id	INTEGER	"application_id" INTEGER
interview_date	TEXT	"interview_date" TEXT DEFAULT NULL
interview_status	TEXT	"interview_status" TEXT DEFAULT 'Scheduled' CHECK("interview_status" IN ('Scheduled', 'Completed', 'Cancelled'))
<b>job_offers</b>		CREATE TABLE job_offers ( offer_id INTEGER PRIMARY KEY AUTOINCREMENT, job_id INTEGER, usn TEXT, offer_status TEXT

Name	Type	Schema
		CHECK(offer_status IN ('Pending', 'Accepted', 'Declined')) DEFAULT 'Pending', offer_date TEXT DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (job_id) REFERENCES jobs(job_id) ON DELETE CASCADE, FOREIGN KEY (usn) REFERENCES students(usn) ON DELETE CASCADE )
offer_id	INTEGER	"offer_id" INTEGER
job_id	INTEGER	"job_id" INTEGER
usn	TEXT	"usn" TEXT
offer_status	TEXT	"offer_status" TEXT DEFAULT 'Pending' CHECK("offer_status" IN ('Pending', 'Accepted', 'Declined'))
offer_date	TEXT	"offer_date" TEXT DEFAULT CURRENT_TIMESTAMP
<b>jobs</b>		CREATE TABLE jobs ( job_id INTEGER PRIMARY KEY AUTOINCREMENT, company_id INTEGER, job_title TEXT NOT NULL, job_description TEXT, required_skills TEXT, salary REAL DEFAULT NULL, deadline TEXT DEFAULT NULL, FOREIGN KEY (company_id) REFERENCES companies(company_id) ON DELETE CASCADE )
job_id	INTEGER	"job_id" INTEGER
company_id	INTEGER	"company_id" INTEGER
job_title	TEXT	"job_title" TEXT NOT NULL
job_description	TEXT	"job_description" TEXT
required_skills	TEXT	"required_skills" TEXT
salary	REAL	"salary" REAL DEFAULT NULL
deadline	TEXT	"deadline" TEXT DEFAULT NULL
<b>progress_topics</b>		CREATE TABLE progress_topics ( topic_id INTEGER PRIMARY KEY AUTOINCREMENT, topic_name TEXT NOT NULL UNIQUE )
topic_id	INTEGER	"topic_id" INTEGER
topic_name	TEXT	"topic_name" TEXT NOT NULL UNIQUE
<b>questions</b>		CREATE TABLE questions ( question_id INTEGER PRIMARY KEY AUTOINCREMENT, topic_id INTEGER, question_text TEXT NOT NULL, difficulty TEXT CHECK(difficulty IN ('Easy', 'Medium', 'Hard')), correct_answer TEXT NOT NULL, FOREIGN KEY (topic_id) REFERENCES progress_topics(topic_id) ON DELETE CASCADE )
question_id	INTEGER	"question_id" INTEGER
topic_id	INTEGER	"topic_id" INTEGER
question_text	TEXT	"question_text" TEXT NOT NULL
difficulty	TEXT	"difficulty" TEXT CHECK("difficulty" IN ('Easy', 'Medium', 'Hard'))
correct_answer	TEXT	"correct_answer" TEXT NOT NULL
<b>sqlite_sequence</b>		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"
<b>student_answers</b>		CREATE TABLE student_answers ( answer_id INTEGER PRIMARY KEY AUTOINCREMENT, usn TEXT, question_id INTEGER, given_answer TEXT NOT NULL, is_correct INTEGER CHECK(is_correct IN (0, 1)), submission_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (usn) REFERENCES students(usn) ON DELETE CASCADE, FOREIGN KEY (question_id) REFERENCES questions(question_id) ON DELETE CASCADE )
answer_id	INTEGER	"answer_id" INTEGER
usn	TEXT	"usn" TEXT

Name	Type	Schema
question_id	INTEGER	"question_id" INTEGER
given_answer	TEXT	"given_answer" TEXT NOT NULL
is_correct	INTEGER	"is_correct" INTEGER CHECK("is_correct" IN (0, 1))
submission_time	TIMESTAMP	"submission_time" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
<b>student_progress</b>		CREATE TABLE student_progress ( progress_id INTEGER PRIMARY KEY AUTOINCREMENT, usn TEXT, topic_id INTEGER, completed_questions INTEGER DEFAULT 0, total_questions INTEGER DEFAULT 0, last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP, FOREIGN KEY (usn) REFERENCES students(usn) ON DELETE CASCADE, FOREIGN KEY (topic_id) REFERENCES progress_topics(topic_id) ON DELETE CASCADE )
progress_id	INTEGER	"progress_id" INTEGER
usn	TEXT	"usn" TEXT
topic_id	INTEGER	"topic_id" INTEGER
completed_questions	INTEGER	"completed_questions" INTEGER DEFAULT 0
total_questions	INTEGER	"total_questions" INTEGER DEFAULT 0
last_updated	TIMESTAMP	"last_updated" TIMESTAMP DEFAULT CURRENT_TIMESTAMP
<b>students</b>		CREATE TABLE students ( id INTEGER PRIMARY KEY AUTOINCREMENT, user_id INTEGER, name TEXT NOT NULL, email TEXT UNIQUE NOT NULL, phone TEXT, department TEXT, graduation_year INTEGER, aptitude_score INTEGER DEFAULT 0, dsa_score INTEGER DEFAULT 0, communication_score INTEGER DEFAULT 0, FOREIGN KEY (user_id) REFERENCES users(id) )
id	INTEGER	"id" INTEGER
user_id	INTEGER	"user_id" INTEGER
name	TEXT	"name" TEXT NOT NULL
email	TEXT	"email" TEXT NOT NULL UNIQUE
phone	TEXT	"phone" TEXT
department	TEXT	"department" TEXT
graduation_year	INTEGER	"graduation_year" INTEGER
aptitude_score	INTEGER	"aptitude_score" INTEGER DEFAULT 0
dsa_score	INTEGER	"dsa_score" INTEGER DEFAULT 0
communication_score	INTEGER	"communication_score" INTEGER DEFAULT 0
<b>users</b>		CREATE TABLE users ( id INTEGER PRIMARY KEY AUTOINCREMENT, name TEXT NOT NULL, email TEXT NOT NULL UNIQUE, password TEXT NOT NULL, role TEXT CHECK(role IN ('student', 'company', 'admin')) NOT NULL )
id	INTEGER	"id" INTEGER
name	TEXT	"name" TEXT NOT NULL
email	TEXT	"email" TEXT NOT NULL UNIQUE
password	TEXT	"password" TEXT NOT NULL
role	TEXT	"role" TEXT NOT NULL CHECK("role" IN ('student', 'company', 'admin'))

## Indices (0)

Name	Type	Schema
------	------	--------

## Views (0)

Name	Type	Schema
------	------	--------

## Triggers (0)

Name	Type	Schema
------	------	--------