

# Table Design

## JobMate – Employee Recruitment System

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**Login Table:**

Attribute	Data Type	Description
LoginID	INT	Primary Key
Email	VARCHAR(255)	User's email address (used for login)
Password	VARCHAR(255)	Hashed and salted password for user login
UserType	VARCHAR(50)	User type (Admin, Recruiter, or Candidate)

**Candidate Table:**

Attribute	Data Type	Description
CandidateID	INT	Primary Key
FullName	VARCHAR(255)	Candidate's full name
Email	VARCHAR(255)	Candidate's email address
ContactNumber	VARCHAR(20)	Candidate's contact number

**Recruiter Table:**

Attribute	Data Type	Description
RecruiterID	INT	Primary Key
CompanyName	VARCHAR(255)	Recruiter's company name
Location	VARCHAR(100)	Recruiter's location
Email	VARCHAR(255)	Recruiter's email address
ContactNumber	VARCHAR(20)	Recruiter's contact number

**Job Table:**

Attribute	Data Type	Description
JobID	INT	Primary Key
RecruiterID	INT	Foreign key reference to Recruiter table

Attribute	Data Type	Description
Title	VARCHAR(255)	Job title
Description	TEXT	Job description
Requirements	TEXT	Job requirements
Qualifications	TEXT	Job qualifications

#### Application Table:

Attribute	Data Type	Description
ApplicationID	INT	Primary Key
CandidateID	INT	Foreign key reference to Candidate table
JobID	INT	Foreign key reference to Job table
ApplicationDate	DATE	Date when the application was submitted

#### SavedJob Table:

Attribute	Data Type	Description
SavedJobID	INT	Primary Key
CandidateID	INT	Foreign key reference to Candidate table
JobID	INT	Foreign key reference to Job table
SaveDate	DATE	Date when the job was saved by the candidate