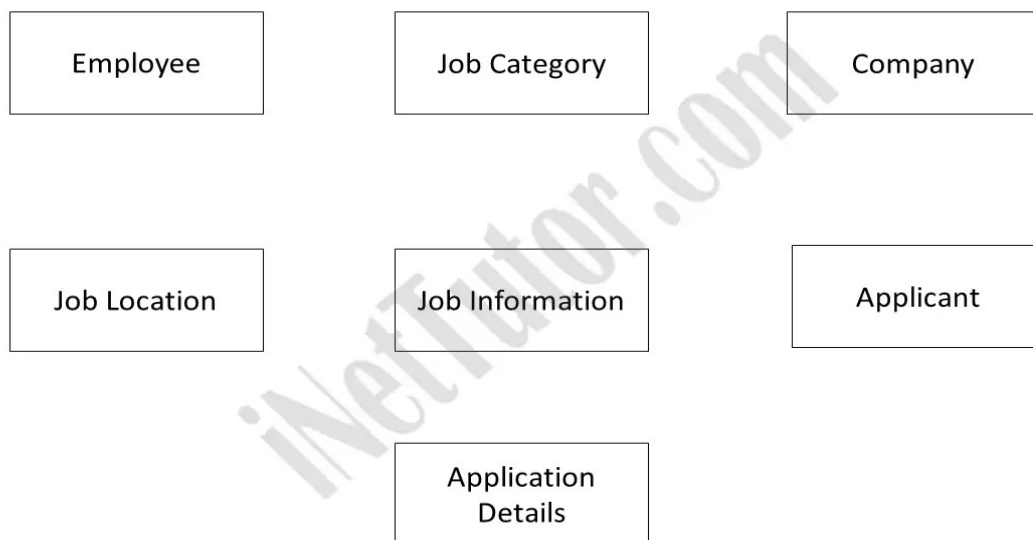


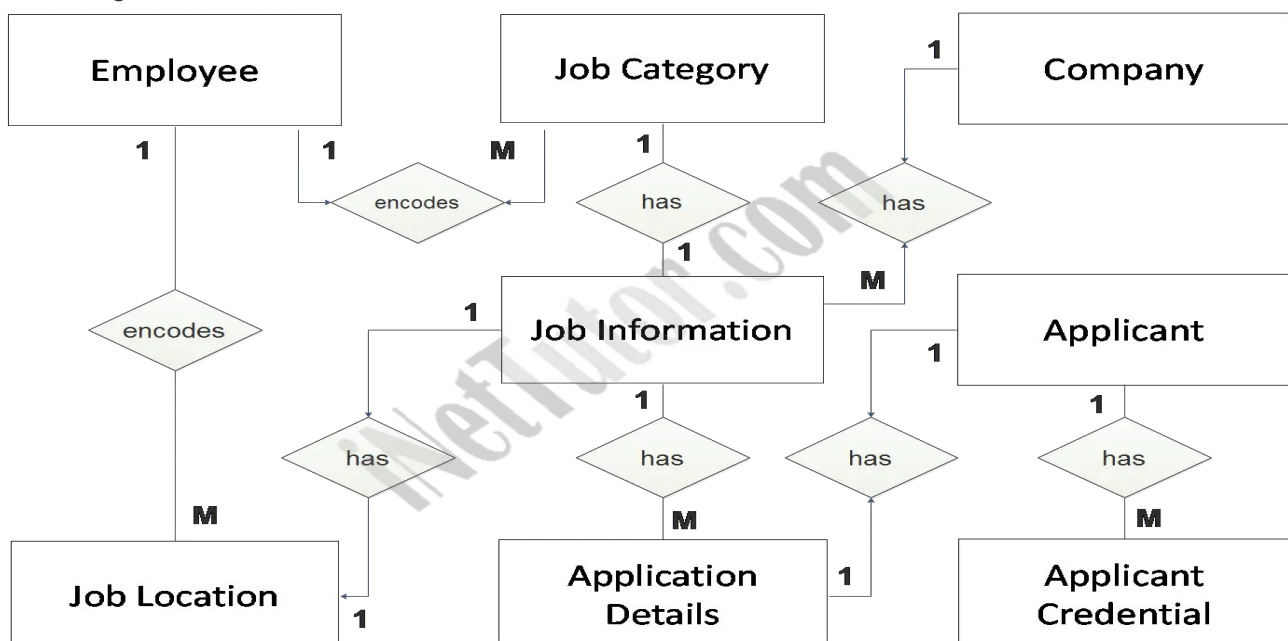
Step 1. In the job portal system we have the following entities

- User Account
- Job Category
- Job Location
- Job Information
- Company Information
- Applicant Information
- Application Details

We will now draw the entities and it will be represented by a rectangle shape.



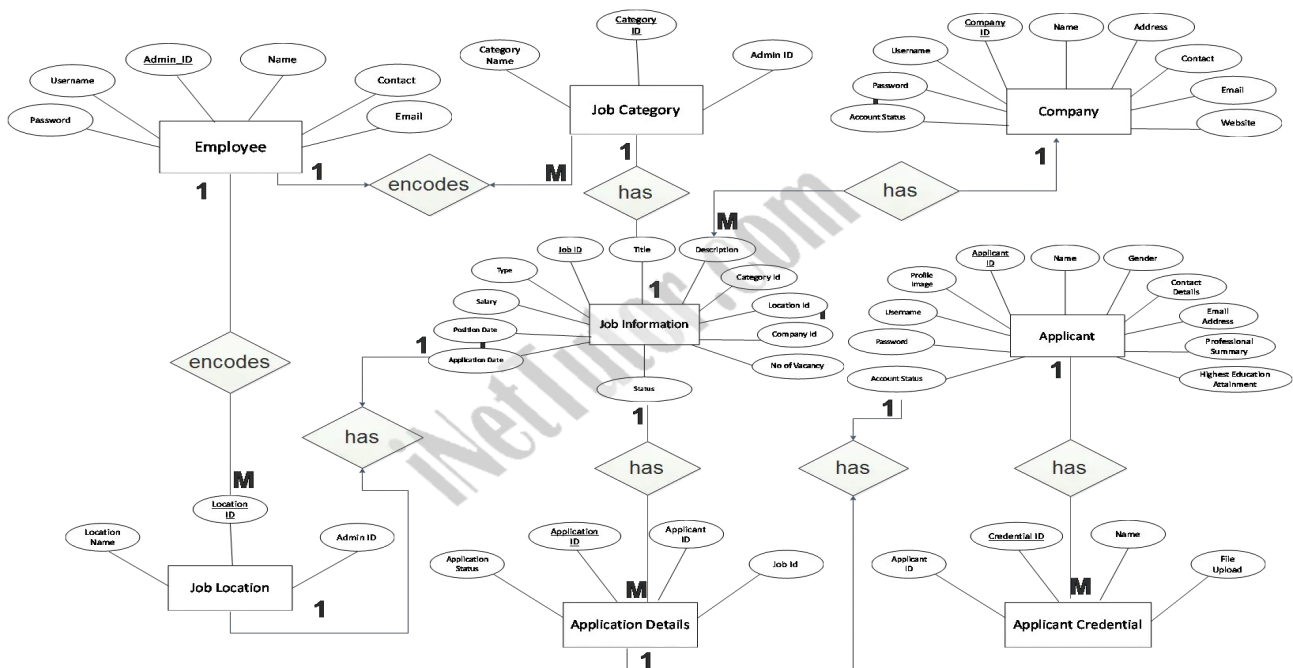
Step 2. After we have specified our entities, it is time now to connect or establish a relationship among the entities.



employee encodes multiple job location (1 to many relationship)

- employee encodes multiple job category (1 to many relationship)
- job information has only 1 job location (1 to 1 relationship)
- job information is specific to a job category (1 to 1 relationship)
- a company has multiple job hiring (1 to many relationship)
- an applicant can pass 1 application per job information (1 to 1 relationship)
- an applicant can upload 2 or more applicant credentials (1 to 1 relationship)
- a job opening can accept multiple job application (1 to many relationship)

Step 3. The last part of the ERD process is to add attributes to our entities.



- Employee Entity has admin id (primary key), name, contact, email, username and password
- Job Category Entity has category id, category name and admin id (foreign key)
- Job Location Entity has location id (primary key), location name, admin id (foreign key)
- Job Information Entity has job id (primary key), job title, job description, job category id (foreign key), company id (foreign key), job type, job salary, job posting date, last application date, no of vacancy, job status
- Company Information Entity has company id (primary key), company name, company address, company contact, company email, company website, username, password, account status
- Applicant Information Entity has applicant id (primary key), applicant name, gender, contact details, email address, professional summary, highest educational attainment, profile image, username, password, account status
- Application Details Entity has credential id (primary key), credential name, file upload, applicant id (foreign key)