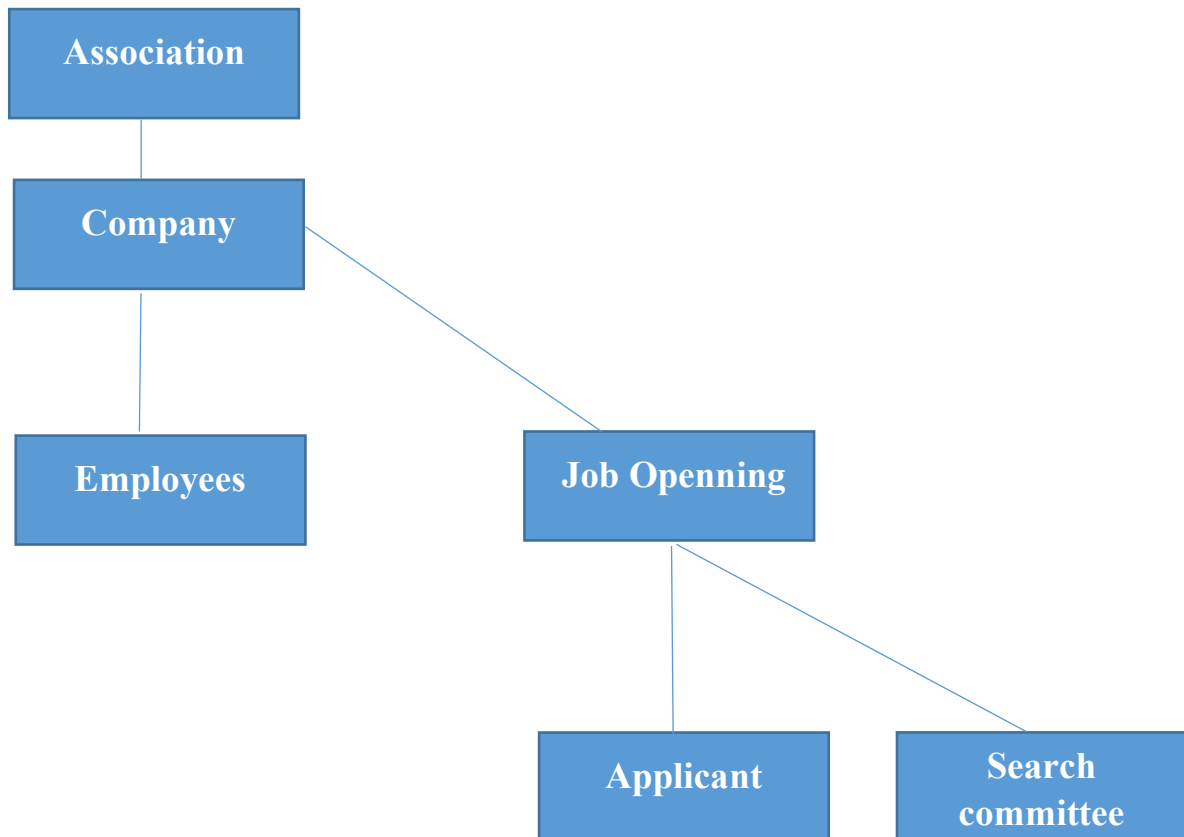JOB SEACH PROJECT

Data to evaluate the "job search" project will be provided later during the semester. However, this document presents the general structure of the data. This document shows a general data schema that could be used to build the database. It is based on a relational schema; it can be modified and adapted according to the design of each group. Additional, more tables and relationships might need to be included as this is just a general structure. Please notice that the general schema does not show the number of companies in the association, the number of employees for company, and so on. This information has to be derived for each group based on the project description.

```
        ┌──────────────┐
        │ Association  │
        └──────┬───────┘
               │
        ┌──────┴───────┐
        │  Company     │
        └──┬────────┬──┘
           │         \
    ┌──────┴────┐   ┌──────────────┐
    │ Employees │   │ Job Openning │
    └───────────┘   └───┬──────┬───┘
                        │       \
                 ┌──────┴───┐  ┌────────────┐
                 │ Applicant│  │   Search   │
                 └──────────┘  │ committee  │
                               └────────────┘
```

Association

Association_ID	Name	Description	Address	ID_Number (FK)

Company

ID_Number	Name	Address	Description	Employee_ID (FK)	JobOpening_ID (FK)

Employee

Employee_ID	Name	Last name	Email	Address	Resume	ID_Number (FK)

Job Opening

Opening_ID	Description	Date	Status	Company_ID (FK)	Applicants_ID (FK)	SearchCommittee_ID (FK)

Applicants

Applicants_ID	Name	Last name	Resume	StatusOfApplication

Search Committee

SearchCommitee_ID	Employee_ID (FK)	Opening_ID (FK)

Please consider that applicants could be current employees or external applicants. You need to design your database to manage these cases. Regarding the type of data of each field, please assume that IDs are numerical values and the other fields are strings values. You can manage the field Resume as you consider is more beneficial for your implementation.