



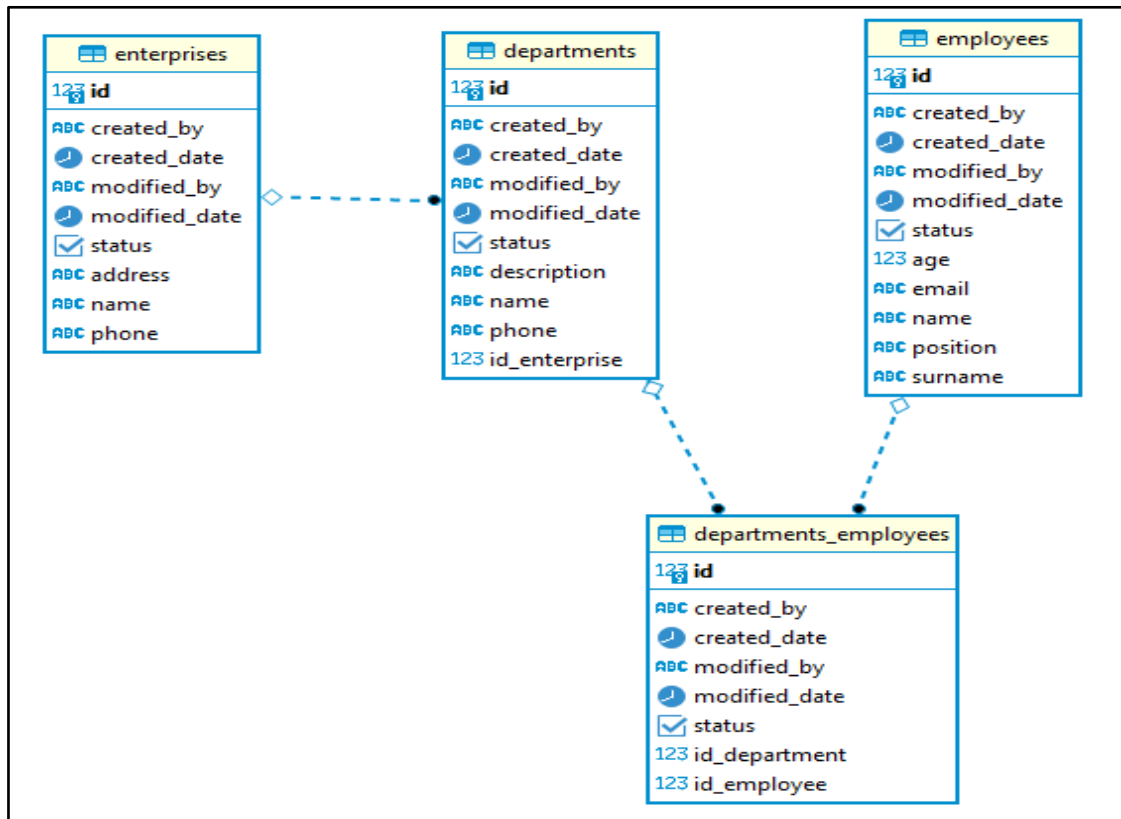
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## Technical Interview Proposal

I, as a technical interviewer, I request you implement a project that allow me to evaluate your experience in terms of software development, the use of tools and quality control.

The project consists of developing an application or a system that solves the following database model.



### Description

For development it is required to use any of the following technologies.

#### Source control

- GIT

#### Database

- Oracle
- MariaDB
- MySQL
- PostgreSQL

#### Backend

- Java
  - Spring boot
  - JEE
- .NET core



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## Frontend

- AngularJS
- Angular
- Vue.js
- Android
- iOS

## Methodology

- Agile Development Methodologies

## What Needs to Be Evaluated

### Mandatory

1. Create a screen that allows companies to be listed.
2. Create a screen to create companies.
3. Create a screen to edit the companies.
4. Create a screen that allows you to list the departments.
5. Create a screen to create departments.
6. Create a screen to edit the departments.
7. Create a screen that allows you to list the employees.
8. Create a screen to create employees.
9. Create a screen to edit the employees.
10. Create an installation guide to get the application up and running.
11. Source code for review.
12. Access to the code versioning repository.
13. Document with images with evidence of the application

### Optional

1. Unit test backend.
2. Unit test frontend.
3. Session handling.
4. Role management.

### Acceptance criteria

1. Code quality.
2. Code complexity.
3. Handling tools.
4. Use of technologies

### Time Frame

You have 5 days from the date of delivery of this document to implements the project.