

1. INTRODUCTION

1.1 PURPOSE

The purpose of this project is to build an online system that allows analysis, edit and manage departments of company and its employee.

1.2 INTENDED AUDIENCE AND READING SUGGESTIONS

This project is a prototype for the employee management system and it is restricted within the company premises. This project is useful for the management team.

1.3 PROJECT SCOPE

The purpose of the online management system is to ease employee management and to create a convenient and easy-to-use application for managers, trying to analysis company situation. The system is based on a relational database with its employee and departments management. I hope to provide a comfortable user experience.

2. OVERALL DESCRIPTION

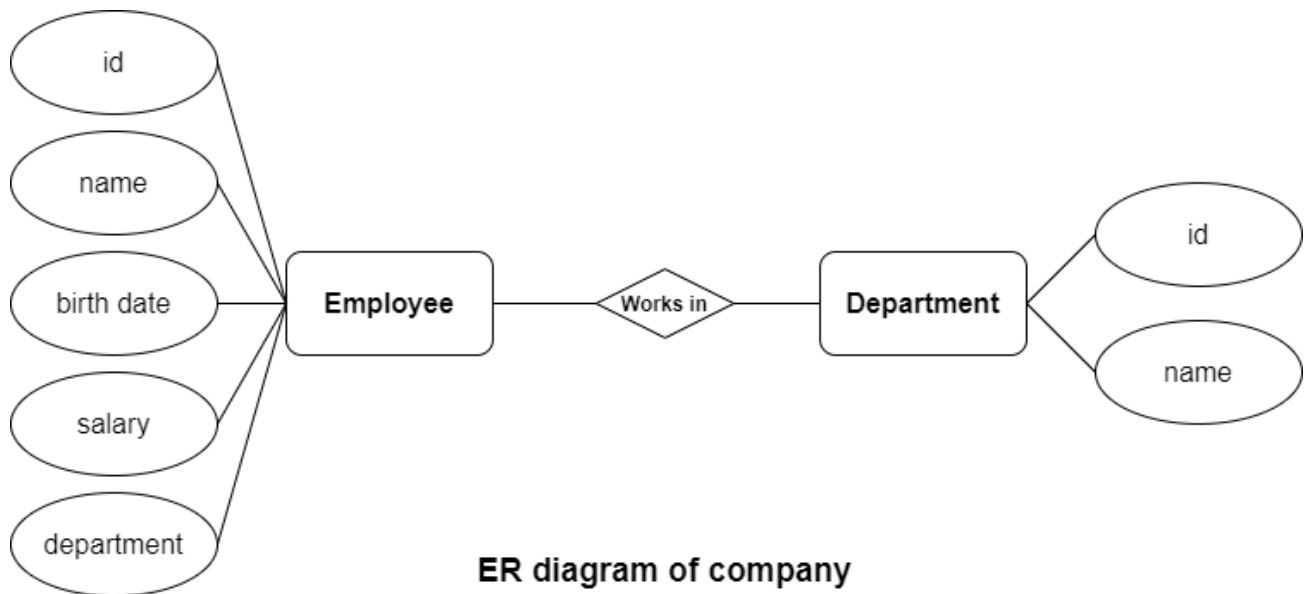
2.1 PRODUCT PERSPECTIVE

The online management system stores the following information:

- Employee details
- Department details
- Relationship between employee and department

2.2 PRODUCT FEATURES

The major features of employee/departments database system as shown in below entity–relationship model



The diagram shows the layout of employee/departmen database system – entity–relationship model

2.3 OVERALL

Users of the system should be able to retrieve information about company. The system will support one type of user and it is manager. The manager should be able to do the following functions:

- display a list of departments and the average salary (calculated automatically) for these departments
- display a list of employees in the departments with an indication of the salary for each employee and a search field to search for employees born on a certain date or in the period between dates
- change (add / edit / delete) the above data

2.4 DEPARTMENTS

Name	Main	Employees	Departments	Search	Add employee	Add department
------	------	-----------	-------------	--------	--------------	----------------

Departments

Name: dep_name

Avg salary: 10000 points

Delete Edit

The departments page should be able to do the following functions:

- display a list of departments and the average salary (calculated automatically) for these departments
- edit / delete the above data

2.5 EMPLOYEES

Name	Main	Employees	Departments	Search	Add employee	Add department
------	------	-----------	-------------	--------	--------------	----------------

Employees

Name: name

Department: dep_name

Salary: 10000 points

Delete Edit

The employees page should be able to do the following functions:

- display a list of employees in the departments with an indication of the salary for each employee and a search field to search for employees born on a certain date or in the period between dates
- edit / delete the above data

2.6 NEW DEPARTMENT

Name	Main	Employees	Departments	Search	Add employee	Add department
------	------	-----------	-------------	--------	--------------	----------------

Add new department

Add

When adding new department, the following details are entered:

- department name

2.7 NEW EMPLOYEE

Name	Main	Employees	Departments	Search	Add employee	Add department
------	------	-----------	-------------	--------	--------------	----------------

Add new department

Department

Name

ДД.ММ.ГГ

Salary

Add

When adding new employee, the following details are entered:

- department name
- employee name
- birth date
- salary