STUDENT : Popa Ioan-Ciprian

PROJECT for SOFTWARE ENGINEERING LABORATORY

APPLICATION TITLE Employee Management System

1. APPLICATION DESCRIPTION

This project is about building a basic employee management system easy to use and accessible by

multiple roles of employees.

Employees can use the system for:

- Referring the post to unemployed people

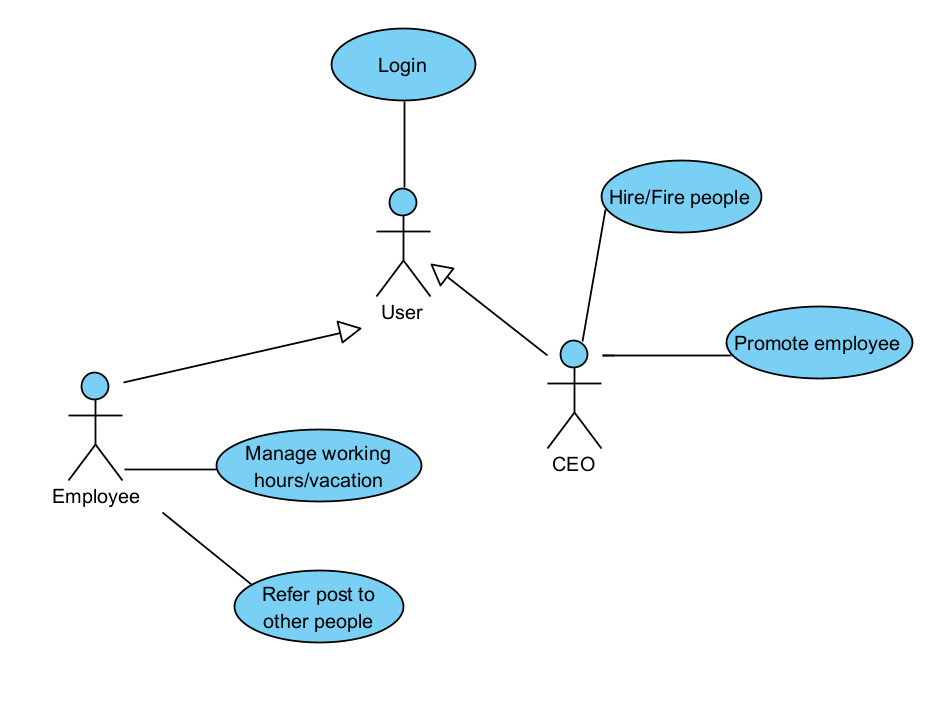
- Manage their working hours/vacation

CEO’s can use the system for:

- Promoting/demoting people’s post to a higher/lower rank

- Hire/Fire employees

2. USE CASE DIAGRAM



3. USE CASE DETAILS : (For each UC)

UC name: ....

Actor(s) : ....

Description : ..........

Preconditions : ..................

(Sequence diagrams at system level, specifying which flow is modelled in each of them, main

flow and/or alternative flows)

Postconditions :.................

4. ACTIVITY DIAGRAMS : (For 2 use cases)

UC name:................

The activity diagram

UC name:................

Activity diagram

5. GUI PROTOTYPE

Starting with the initial screen of the application, represent an initial screen for each use case

that is connected to an actor, screens content and navigation flow (using State Machine

Diagram).

If use cases with more screens exist, for each of such use case (after you write the name of

the use case) represent the screens, their content and the navigation flow (using State Machine

Diagram).

UC name:................

Screens, their content and the navigation flow (represented using State Machine Diagram).

6. DOMAIN MODEL

Class diagram containing domein model : classes and relations (possibly some attributes).

7. ROBUSTNESS DIAGRAMS

The robustness diagrams for 2 use cases. It must be choosen at least one complex use case,

that implies more than simple data transfers between the system (application) and the user.

UC name:................

Robustness diagram

UC name:................

Robustness diagram

8. SEQUENCE DIAGRAMS

The sequence diagrams for the same 2 use cases.

UC name:................

Sequence diagram

UC name:................

Sequence diagram

9. THE EXTENDED CLASS DIAGRAM

The class diagram resulted from the robustness analysis of the 2 use cases.