

A reference guide for “Simple system for staff accounting”

1. Main functions.

The system allows to make a simplified accounting of personal data and movement history of an enterprise's staff.

Depending on a certain kind of operation, there are two different working modes: Privileged and unprivileged.

- 1.1. In a first mode a user that has corresponding rights can review, assign or dismiss any another unprivileged user to/from a certain position. In addition, a privileged user has a possibility to change or remove other employees' personal cards.
- 1.2. In another mode a user can change his/her personal data, review his/her assignments history with no possibility to delete records and to see information about other employees.

2. Using the system.

- 2.1. In order to register a new employee, a button “Sign up” and text editors “User” and “Password” are being used.

Additionally, could be engaged text fields “First name”, “Last name” “Address” and “Date of birth”. However, they are not mandatory for a registration and their information can be transferred to a personal card later. Moreover, there is a special meaning for a flag “Register as manager”, which defines during a registration process, could or could not a user operate in a privileged mode.

A registered user can log in into a system with a button “Login” pointing out a name and a password, which were provided during a registration process.

2.2. Working in a privileged mode.

Once a privileged user logged in the system, he/she can see his/her status in a left upper corner above the label “User” shown as

“Logged as: NAME , PRIVILEGED”. If a user works in this mode and wants to get a control under another account, then it is enough to input any registered name in the system and press button “Retrieve Details” without providing a password. After that, the system grants an access to a chosen user's card.

In order to make a new assignment for an employee, it needs to print out a position and a department in the fields “Position” and “Department” respectively and press a button “Assign position”. In order to remove added record, it needs to select a required record in a grid with a mouse and press “Delete position”.

2.3 Working in an unprivileged mode.

In this mode a user is restricted in operations within his/her account and can do

the only changes in his/her personal data without a possibility to remove the record.

3. Installation and deployment.

The system has been tested in a Linux/Ubuntu environment running in “GWT Development Mode”

Java SDK: 1.6

Project management tool: maven2

RDBMS: MySQL 5.5

Preliminary steps:

It is needed to create a database with a name “simpletask”.

Login and password are: root, a password is empty.

Building and running can be done from a command line using script mk.sh or to put a command to a terminal: mvn clean gwt:run -P dev,mysql

All the necessary libraries are in a project tree or are loading in advance with maven tool.