IamCore Project (Harmonization Semester) – Alain El Khoury

Subject overview:

This project helps managers/team leader to have an overview of his team/clients. He can:

- Add new users
- Modify the information about the users
- Delete users

This project can be more elaborated to a management tool for the enterprise in order to manage the employees of each department.

Tools:

To achieve this project, we have used:

- Derby 10.13.1.1 (As database)
- Java IDE: Eclipse Neon (For the compilation of the code)

Subject description:

- ➢ The users will be created in a database in a table "IDENTITIES", that will take into consideration 3 parameters: displayName, email and birthdate.
- ➢ Another table "AUTHENTICATION" will contain the users with the admin rights.
- ➢ A menu is created to simplify the task of the administrator with detailed steps.

How it works:

- ➢ The project is divided into 3 parts:
  - Console launcher: contains the main functions.
  - CreateActivity: contains the functions related to the task chose and it is connected to the class responsible of the connections to the database (sending the data through this class)
  - IdentityJDBCDAO: contains the functions that save the data in the database

- ➢ To add, modify and delete a user, we have used 3 functions:
  - Create: The function's aim is to add a new user
  - Update: The function's aim is to modify the user
  - Delete: The function's aim is to delete the user