Java Fundamental Project
iam_core_ysk

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Overview

The I am core ysk Project is the final project presented for the students of the Java Fundamentals class of Master of Science students 2017

This project is the implementation of a Management software of a client's. This application does the CREATE UPDATE DELETE SEARCH Operations, The project was partially developed during the semester's class and has been completed during the last week after the end of the semester.

This project is a console application system.

WorkFlow

The user will be asked to enter the login details, if the credentials are correct the user gets to do the CRUD operation on the banking system

If the login details are wrong the user will not be allowed to enter into the system but will generated by user defined exceptions that are user friendly

Once the Login is successful, The console application will show three options 1. Create, 2.search, 3 exit, In search option we have update and delete option
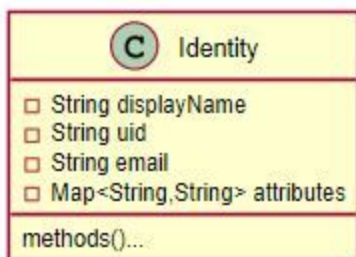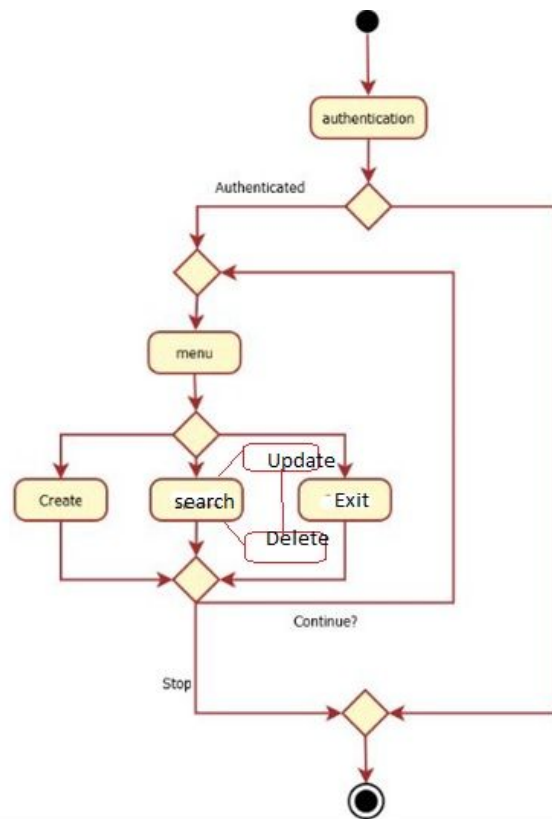

fig. An identity object

Major Features

This project has many major features,

1.   Authentication: A User can be able to login into system by using some credentials

   A user cannot log in if the user id and password is wrong

2.   CRUD Operations

    Create , Update, Delete

3.   Search Operation

4.   Validations

5.   User friendly exceptions

I have use MySQL connector client in java to do the JDBC connection, and used uWamp to go online MyPhpAdmin.
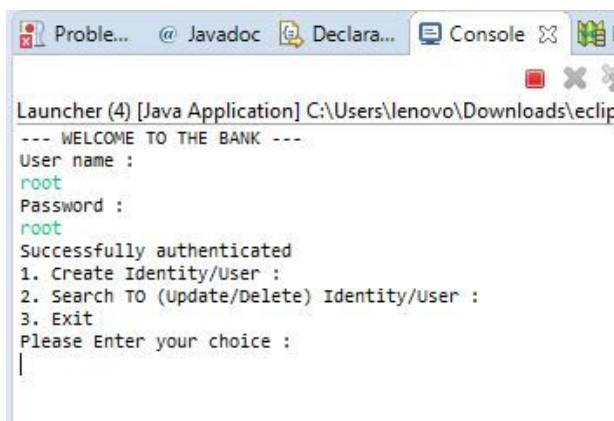
Application Feasibility

With the knowledge obtained from the Java class during the semester and taking into account the development done in class we can easily see that this application is completely feasible under the Java platform.

Also, we can clearly see the utility of building such an application that allow us to clearly see the process of managing entities.

Example Output:

Login output
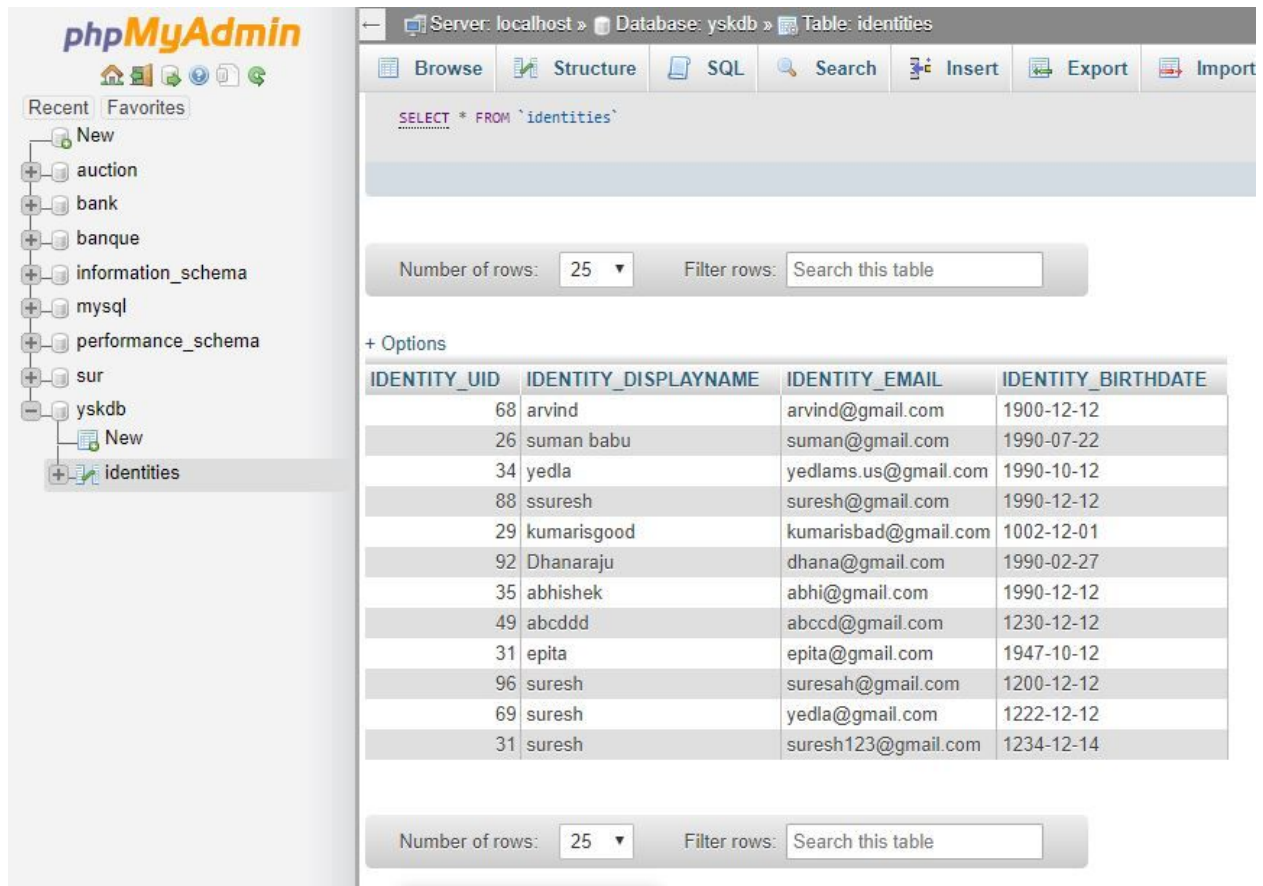

Create output

Search output

Update option

Environment

Operating System: Windows 10

Language: Java

Framework: Eclipse

DataBase: **phpMyAdmin, Uwamp, My_sql_connector(Instead of Derby Client)**

DataBase: entities in table

IDENTITY_UID, IDENTITY_DISPLAYNAME, IDENTITY_EMAIL,IDENTITY_BIRTHDATE

Configuration of Database & Console Application

1. Phpmyadmin

   UserName: root

   Password: root

&table=identities&server=1&target=&token=419ea4c944f1f532fa9b37f60013b6f9&sessio

2. Java Project console application

UserName: root

password : root