

Java Fundamental Project

iam_core_ysk

Suresh Kumar YEDLA

11th July, 2017

EPITA Msc 2017

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

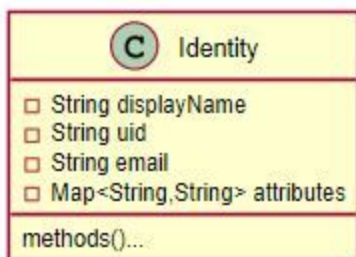
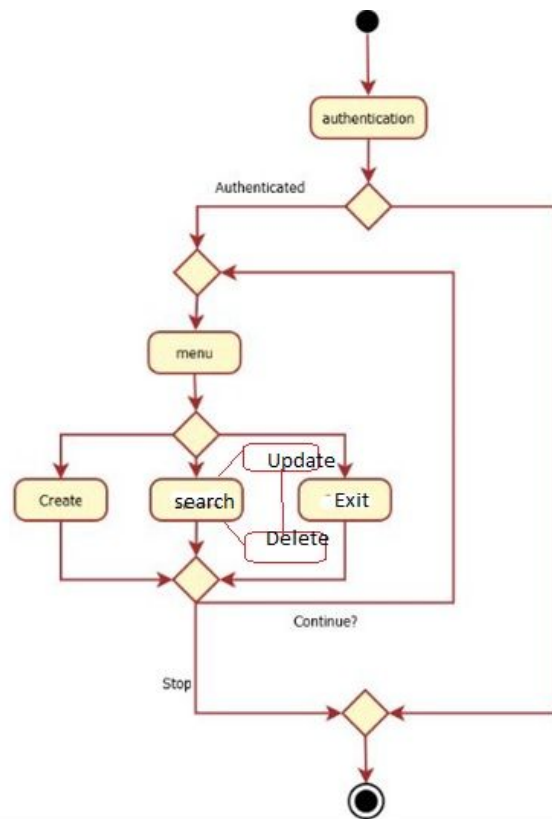


fig. An identity object



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.

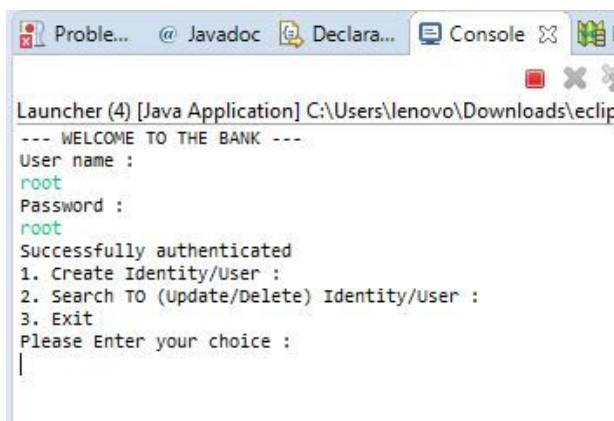
Application Feasibility

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

A screenshot of a Java application console window. The title bar shows tabs for 'Proble...', '@ Javadoc', 'Declara...', and 'Console'. The console output is as follows:

```
Launcher (4) [Java Application] C:\Users\lenovo\Downloads\eclip
--- WELCOME TO THE BANK ---
User name :
root
Password :
root
Successfully authenticated
1. Create Identity/User :
2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
|
```

Create output

```
1. Create Identity/User :
2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
1
Identity Creation
Please input the identity display name :
epita
identity email :
epita@gmail.com
birthdate :
1947-10-12
Client Created successfully
1. Create Identity/User :
2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
```

Search output

```
run : //
      .nextLine();
      :ials = new ArrayList<String>();
      ;
      ;
      password);
      :aoSearchException | DaoDeleteExce
      :d catch block

2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
2
Identity Update
Please input the identity display name to update/delete:
epita
Name : epita
Date of Birth : 1947-10-12
Email : epita@gmail.com

1.Update values
2.Delete values
Exit.
Enter your choice :

search, update and delete the er
```

Update option

```
2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
2
Identity Update
Please input the identity display name to update/delete:
suresh
Name : suresh
Date of Birth : 1990-12-12
Email : suresh@gmail.com

1.Update values
2.Delete values
Exit.
Enter your choice :
1
Please Enter Identity Display Name to update for :suresh
yedla
identity email :
yedlams.us@gmail.com
Birthdate :
1990-10-12
The Update operation completed successfully
1. Create Identity/User :
2. Search TO (Update/Delete) Identity/User :
3. Exit
Please Enter your choice :
```

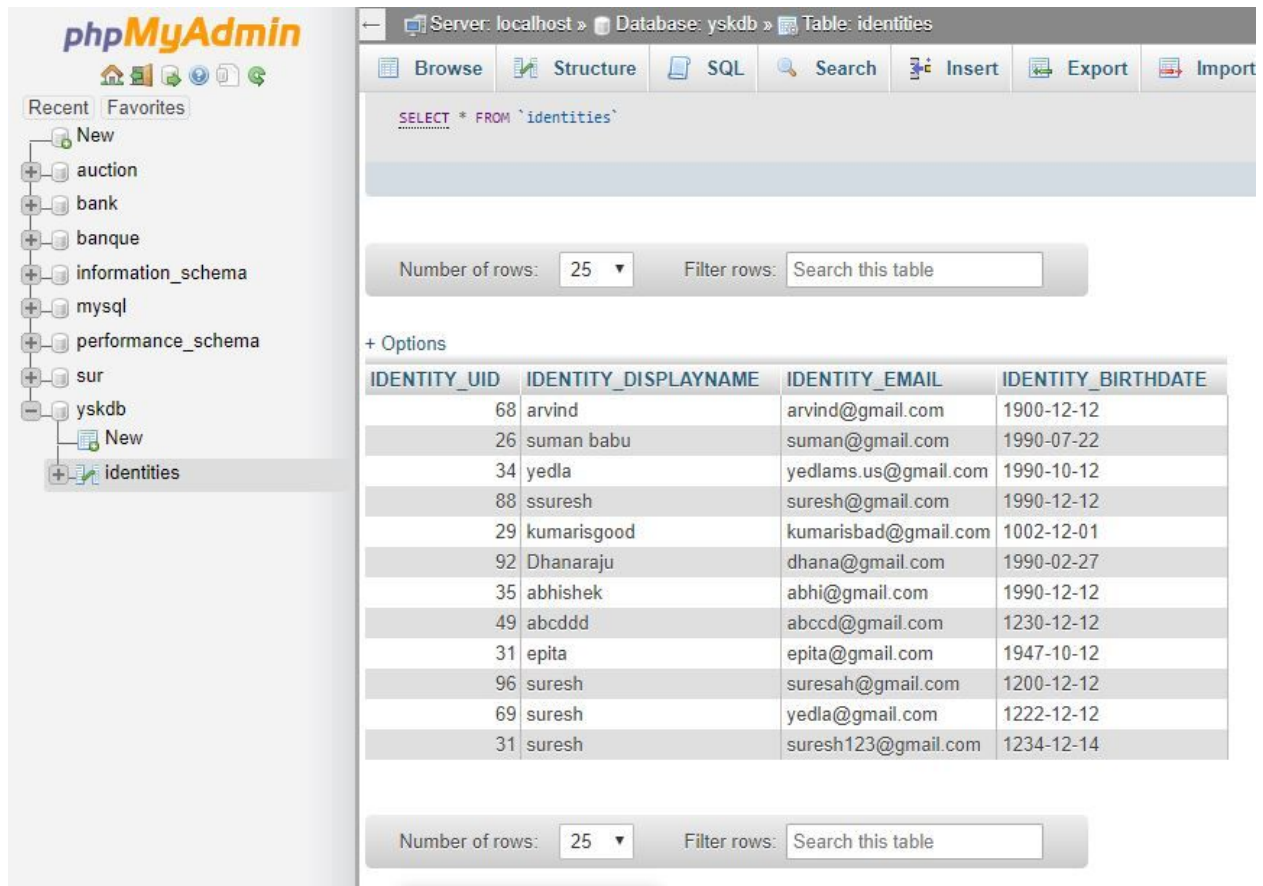
Environment

Operating System: Windows 10

Language: Java

Framework: Eclipse

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



The screenshot shows the phpMyAdmin interface. On the left is the sidebar with a tree view of databases and tables. The 'yskdb' database is selected, and the 'identities' table is highlighted. The main panel shows the 'Table: identities' view. At the top, there's a navigation bar with tabs: Browse, Structure, SQL, Search, Insert, Export, and Import. Below this is a SQL query editor with the text: `SELECT * FROM `identities``. Under the editor, there are controls for 'Number of rows' (set to 25) and a 'Filter rows' search box. Below these is a '+ Options' section. The main area displays a table with 15 rows of data. The table has four columns: IDENTITY_UID, IDENTITY_DISPLAYNAME, IDENTITY_EMAIL, and IDENTITY_BIRTHDATE. At the bottom, there are again controls for 'Number of rows' (25) and a 'Filter rows' search box.

IDENTITY_UID	IDENTITY_DISPLAYNAME	IDENTITY_EMAIL	IDENTITY_BIRTHDATE
68	arvind	arvind@gmail.com	1900-12-12
26	suman babu	suman@gmail.com	1990-07-22
34	yedla	yedlams.us@gmail.com	1990-10-12
88	ssuresh	suresh@gmail.com	1990-12-12
29	kumarisgood	kumarisbad@gmail.com	1002-12-01
92	Dhanaraju	dhana@gmail.com	1990-02-27
35	abhishek	abhi@gmail.com	1990-12-12
49	abccdd	abccd@gmail.com	1230-12-12
31	epita	epita@gmail.com	1947-10-12
96	suresh	suresah@gmail.com	1200-12-12
69	suresh	yedla@gmail.com	1222-12-12
31	suresh	suresh123@gmail.com	1234-12-14

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=18&target=&token=419ea4c944f1f532fa9b37f60013b6f9&sessio



Welcome to phpMyAdmin

No activity within 1440 seconds; please log in again.

Language

English

Log in

Username: root

Password: ****

Go

2. Java Project console application

UserName: root

password : root

■ ■ ■