## Manage Accounts

# Code:

package manageaccounts;

import javax.swing.\*;

import java.io.\*;

public class ManageAccounts {

String fileName = "accounts.txt";

public void addAccount(String username, String role) {

try {

FileWriter fw = new FileWriter(fileName, true);

fw.write(username + "," + role + "\n");

fw.close();

JOptionPane.showMessageDialog(null, "Account added!");

} catch (Exception e) {}

}

public void viewAccounts() {

try {

BufferedReader br = new BufferedReader(new FileReader(fileName));

String line;

String data = "Accounts:\n";

while ((line = br.readLine()) != null) {

data += line + "\n";

}

br.close();

JOptionPane.showMessageDialog(null, data);

} catch (Exception e) {}

}

public void deleteAccount(String username) {

try {

BufferedReader br = new BufferedReader(new FileReader(fileName));

FileWriter fw = new FileWriter("temp.txt");

String line;

while ((line = br.readLine()) != null) {

if (!line.startsWith(username + ",")) {

fw.write(line + "\n");

}

}

br.close();

fw.close();

File oldFile = new File(fileName);

File newFile = new File("temp.txt");

oldFile.delete();

newFile.renameTo(oldFile);

JOptionPane.showMessageDialog(null, "Account deleted!");

} catch (Exception e) {}

}

}

## Manage Authentication

# Code:

package manageauthentication;

import javax.swing.\*;

import java.io.\*;

public class ManageAuthentication {

String fileName = "users.txt";

public void register(String username, String password) {

try {

FileWriter fw = new FileWriter(fileName, true);

fw.write(username + "," + password + "\n");

fw.close();

JOptionPane.showMessageDialog(null, "User registered!");

} catch (Exception e) {}

}

public boolean login(String username, String password) {

try {

BufferedReader br = new BufferedReader(new FileReader(fileName));

String line;

while ((line = br.readLine()) != null) {

String[] parts = line.split(",");

if (parts[0].equals(username) && parts[1].equals(password)) {

br.close();

return true;

}

}

br.close();

} catch (Exception e) {}

return false;

}

}