**Java Mini Project Report**

Topic: Electric Billing System

Members:

1. Vyshali S - 185001202
2. Varsha R - 185001189
3. Vikraman S - 185001195

JFarmes:

* Start.java - Loading splash screen
* Page0.java - admin and user login page
* Page1.java - admin login page
* Page2.java - Choice for admin page
* Page1\_1.java - User Login page
* New\_user2.java - New user registration page
* Display.java - User details display page
* ReadUser1.java - User to delete page
* ReadUser2.java - User to modify page
* ModifyUser.java - Modify user details page
* Option.java - User options page
* Calculation.java - Bill Calculation page
* ChangePassword.java - User password changing page

Class:

* UserDetails - Contains class for User
* AdminLogin - Contains class for Admin
* Temp , Functions (classes used for file handling)

Files:

* Admin.tmp
* Number.tmp
* OneUser.tmp
* OneUser1.tmp
* User.tmp

OOPS Concepts Used:

* Inheritance
* Polymorphism
* Exception Handling
* Packages
* Files in java
* ArrayList (Collection Framework)
* Interface
* GUI using NetBeans

Main Class:

The start of GUI is Start.java. All the remaining frames are linked using buttons and the code behind each buttons. The class for User and Admin is present in UserDetials.java and Admin.java.

**How to Run:**

1. Download and extract the folder ElectricBillSystem
2. Open that project in Netbeans
3. Run the AdminLogin.java file separately for the first time to create Admin.tmp file which has admin login details.
4. Then click on the Run button in NetBeans . “The user name and password for admin is **admin**”.
5. You can add user in admin login and calculate electric bill, view history and perform other actions.

Screenshots:

