There are 5 classes in this design of banking system rely on JoptionPane for displaying message. Account class handle everything related to accounts such as balance, login information. Inheritance from this class is checkingAccount and SavingAccount classes which use to store its respective client. Customer details are handled by customer class which handles information related to customer such as user detail, date of birth, age, address and more. And bank class handles each bank’s details. This program will generate a unique account number for each person within 6 digits range from 100,000 to 999,999 by default but can be requested for a personalized number at a price.

The application start by welcoming user then displaying menu which include the following create account (choice by saving or checking), deposit, withdraw, transfer funds, check balance and request user detail. The program will save user detail after each interaction to a csv file. If the file doesn’t exist, it will create a new one. Otherwise, it will write to the existing csv file (The file can be open with either coding program or excel).