**Bank Account Management’s User Guide**

**Team member:**

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**Application Features:**

1. Welcome Page

In the upper left corner of the welcome screen, there is a small bank icon. We have special icons for all the forms in our project (bank/piggy). After one second, it will automatically switch to the next interface.

Graphical user interface

Description automatically generated with medium confidence

1. Random Captcha. Every time the form is reloaded, it will change.



1. Account Options. User can either log in as an admin or a client. Different identities correspond to different user interfaces.

Graphical user interface, application

Description automatically generated

1. Contact Us. To Send a Gmail through the form. More detail information included in the following step-by-step tutorial.

Graphical user interface, application

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1. Write, read, and update client data from a text file
2. Change Language (English, French, Spanish)

**Step by step using guide:**

1. Welcome page

Graphical user interface

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1. Login page (2 Identity options).
   1. **Admin** -> Password: Password
   2. **Client** -> Password: Password2

**Notice: Captcha is case sensitive.** Only if both the password and the captcha are right will enable you go to the next interface:

* If password is incorrect, it will display a message box showing that “password is incorrect, try it again!”
* If captcha is incorrect, it will display a message box showing that “captcha is incorrect, try it again!”
* If password and captcha are both incorrect, it will display a message box showing that “password and captcha are both incorrect, try it again”

Graphical user interface, application, website

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**Admin’s Main Page (Log in as Admin):**

You can view all the existing user information

Text

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* 1. Use open file button to select the file that stores all the account information.
  2. When one of the buttons is pressed, users with different balancing condition will appear.
  + Credit Balances - Accounts that has positive balance (more than 0).
  + Debit Balances – Accounts that has negative balance (less than 0).
  + Zero Balances – Accounts that has zero balance (equal to 0).

**Client’s Main page (Log in as Client):**

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**Withdrawal Page**

Show Balance Button - Display the account balance before withdrawing

Withdraw Button – Display the account balance after withdraw Graphical user interface, application

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**Deposit Page**

Graphical user interface, application

Description automatically generated

**Current Account Details Page:** showing current user information

Graphical user interface

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**About Us page:** A brief description of the project and the credit to which it belongs.

Text, email

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**Contact Us page: Send a Gmail**

Graphical user interface, application

Description automatically generatedGraphical user interface

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**Prerequisite:** My own email address is used as the sender. User can alter the code if user want to use this feature**. It doesn’t work under the school Wi-Fi. Try to run it at home or using data.**

* 1. My email account information, including gmail address and password, is already in the code for this project. It's the account that I just made. So go ahead and use it. (If it is not working: - Open a browser and login my gmail account before you run the application.)
  2. Modify the code that points to your gmail account as the sender. By change the text in red colour to your email address (Don’t change the smpt.Host one). For the line starts with Syste.Net. NetCredential. change the second parameter to your Gmail password. Note that, a setting in your gmail address must be enabled. The link below will allow you to use your gmail account to log into a less secure app: <https://www.google.com/settings/security/lesssecureapps>

Graphical user interface, text, application, email

Description automatically generated

Email **-** Receiver’s email

Subject - Subject of the email

Message – Message body of the email

Send Email Button – After a few seconds, it will display a message box whether your email has been sent successfully or not.

**Create New Account Page**:

Graphical user interface

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Enter the information of the new user. The account number must have a complete set of digits!!

Back Button – close the current page, return to the main user interface.

Confirm Button – create a new user, save all the information to a text file. User will be able to make operation once they create an account.

Clear Button – empty all the entered/selected values in the form.