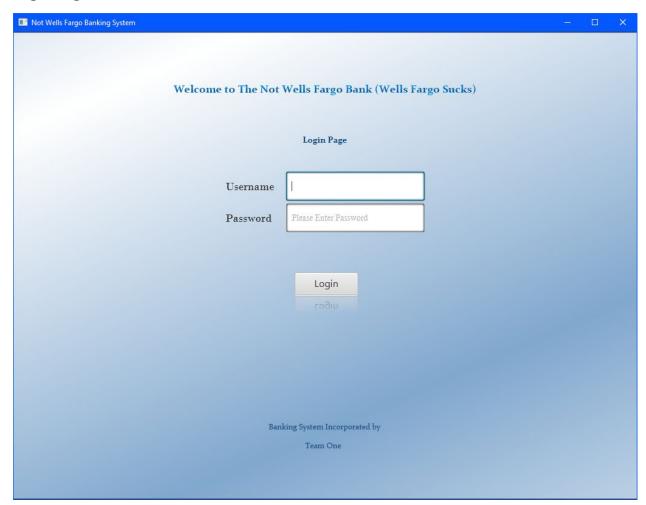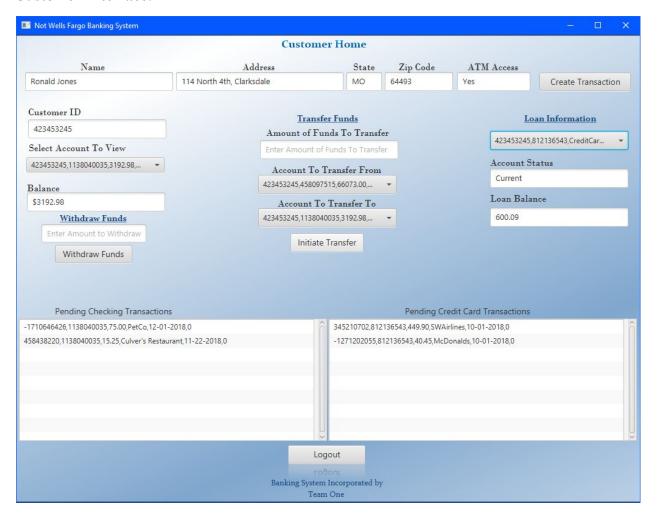Team One

CSC-406

Pickett

User's Manual

Login Page:

The login page takes a username and a password. The system that we are using takes input for a customer identification number and the passwords are all defaulted to 0 (zero). The manager and teller login by typing teller or manager and then the password is 0 (zero). Both

input fields (username and password) take a string value to login with. The login button redirects the user to a menu based on the username that is inputted.
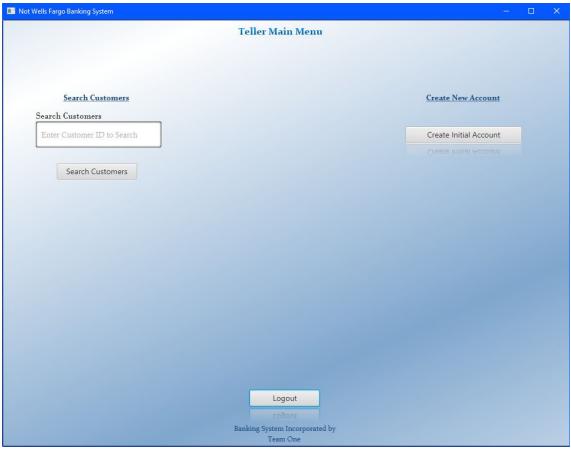
Customer Interface:

The customer interface houses the inputs and information for the customer's account. The customer interface is designed to hold the customer's name, address, state, zip code, and shows if the customer has atm accessibility. The customer interface also tells the customer their customer id, which in this case, the system displays the customer's social security number (SSN). The customer can view their account balance by selecting which saving(s) account they want to view, or adversely, which checking(s) account they want to view. The customer interface is also able to transfer funds from one account to another by selecting information from drop down menus. The customer can initiate the transaction with a button press once the customer has selected the accounts they want to transfer from. The customer can also withdraw funds from the customer interface up to the amount they have in the account. The customer can also pay on loans and
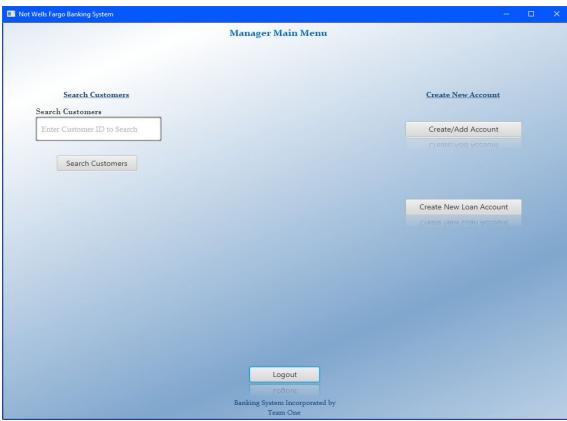
view their account status (current or behind), if they have a loan or credit card. The customer in our banking system pays on loans by transferring funds from their bank account to the loan account. The customer can also click a button that takes them to a sub customer interface to create transactions for checks and credit card transactions. The customer can also view their checking and credit card transactions as well.

- ❖ Transfer Funds:
  - ■ The amount of funds to transfer takes in a numerical value (...00.00).
- ❖ Withdraw Funds:
  - ■ The amount to withdraw takes a numerical value (...00.00).

Main Menu for Teller/Manager:

Not Wells Fargo Banking System — □ ✕

Teller Main Menu

Search Customers

Search Customers

Enter Customer ID to Search

Search Customers

Create New Account

Create Initial Account

Logout

Banking System Incorporated by
Team One

Not Wells Fargo Banking System — □ ✕

Manager Main Menu

Search Customers

Search Customers

Enter Customer ID to Search

Search Customers

Create New Account

Create/Add Account

Create New Loan Account

Logout

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The main menu for teller and manager is the same, except the manager can create new loan accounts (the manager has a button that takes them to the loan creation page). This page is used for searching customers and creating/adding customer accounts. This page can also allow the teller or manager to log off. The search customers text field takes in the social security number of the customer to allow for searching.
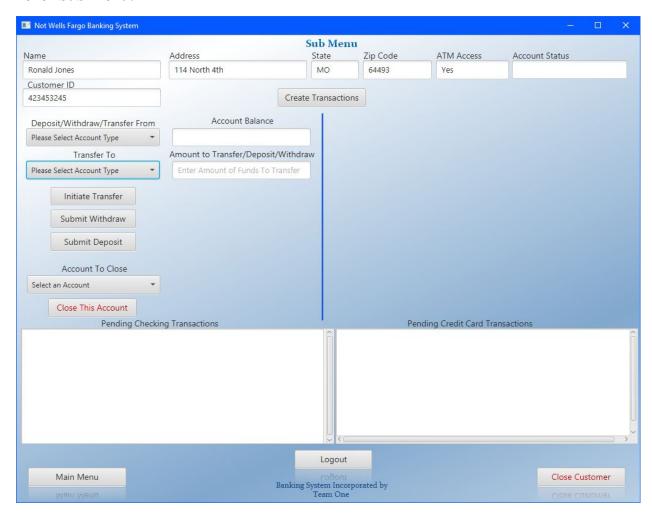
- ❖ Search Customers:
  - ■ Search Customers: Takes in a string value for the customer's ssn number.
- ❖ Create New Accounts:
  - ■ Create Account Button: Navigates user to the account area gui.
  - ■ Create New Loan Account (Manager Only): Navigates the user to the create loan accounts page.
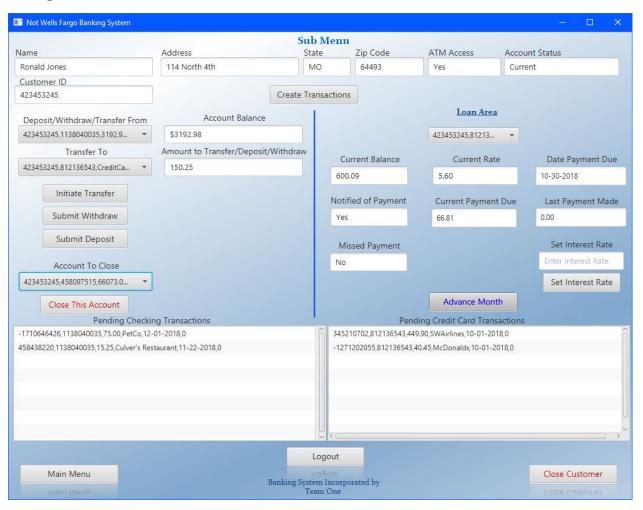
Teller Sub Menu:

The teller sub menu is where the teller is taken the the teller searches for a customer and clicks the search customers button. The teller can deposit, withdraw, and transfer funds for the customer, and all of the customer's information. The box that says amount to transfer/deposit/withdraw takes in a monetary value for that input field (...000.00). The teller sub menu also shows the customer's loan account status, if they have a loan/credit card. The teller can close an account by selecting a customer's account from a dropdown menu. The teller can also close out the entire customer, by clicking the close customer button at the bottom right hand side of the interface (as seen as a red text button that says close customer in the picture below). There is a box that shows pending checking transactions, that show the transactions and their dates. The transactions can be canceled if the date hasn't passed yet. There is also a pending

credit card transactions, so the teller can see what the customer has purchased with their credit card. The teller can navigate back to the main menu through the use of the main menu button at the bottom left hand side of the graphical user interface. In addition, the teller can click the logout button and completely logout of the banking system.

❖ Teller Sub Menu
- Amount to transfer/deposit/withdraw takes in a numerical value (...00.00).
- Double clicking pending checking transactions will stop payment on checks, if the date hasn't passed yet.
- Deposit/withdraw/transfer from: The user selects dropdown values for different types of accounts and then inputs a numerical value (...00.00).

Manager Submenu:

The manager submenu houses all of the customer information, banking information, and loan information. The manager submenu allows the manager to deposit, withdraw, transfer funds, and view the customer's various account balances. This interface also allows the manager to set the interest on loan accounts and credit cards. The manager sub menu can view the balance, current interest rate, date due, notification of payments, current payment due, last payment made, and missed payments on credit cards and loans for the customer. The manager can also click a button called advanced month to progress that loan to the next month. The manager sub menu also allows the viewing of credit card transactions that the customer has made. The manager submenu also allows for the closing of the checking and saving accounts,

and can also close the entire customer account. The manager submenu also allows logout by button press, or the user can navigate to the manager main menu.
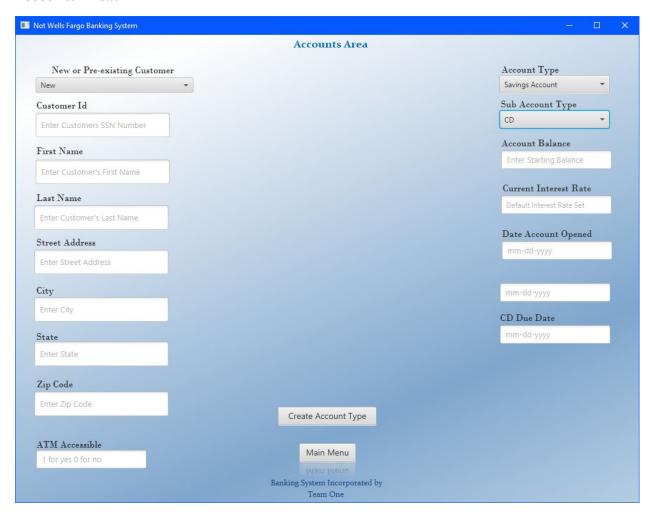
❖ **Teller Functionality:**

  ■ See Teller Sub Menu.

❖ **Loan Area:**

  ■ Drop down box that allows the user to select the loan account the user wants to see.

  ■ Set Interest Rate: Takes a numerical value (00).

  ■ Advance Month Button: Advances the loan to the next month.

Accounts Area:

The accounts area is shared by the manager/teller, except the manager can create loans/credit cards while **teller can not view the create loans account type (**the manager gets a button that takes them to a specific page for creating loan accounts from the Manager Main Menu). The buttons are dynamic based on the drop down menus. The user can create new accounts with an account type attached to that customer. The account type can be selected (savings or checkings), and if it's a savings account the user can add a cd or non cd savings account, or create a checkings account with gold/regular account. The user can also make the checkings account a backup account, which allows the customer to have a backup account attached to savings.

❖ **New Customer Inputs:**

- Customer ID : Takes a string value of the customer's social security number without dashes.

- First Name: Takes a string value of the customer's typed first name.

- Last Name: Takes a string value of the customer's typed last name.

- Street Address: Takes a string value of the address for the customer.

- City: Takes a string value for the customer's city.

- State: Takes a string value for the customer's state.

- Zip Code: Takes a string value for the customer's zip code.

- ATM Accessible: Takes an integer value of 1 or 0.

❖ **Existing Customer Inputs:**

- Drop down menu that allows the user to select the customer to add an account to.
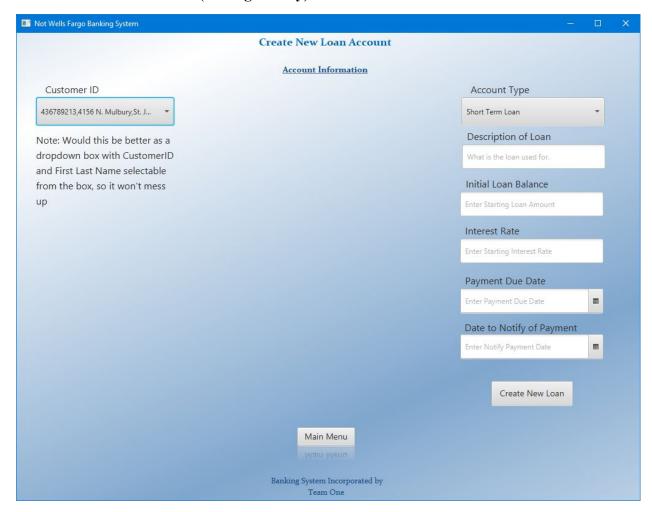
❖ **Account Type (Checkings):**

- ==Sub Account Type: Auto select gold/regular based on account input.==

- Account Balance: Takes a numerical value for the input (...0.00).

- Date Account Opened: Takes a date in the format of mm-dd-yyyy (month, day, year).

❖ **Account Type (Savings):**

- Sub Account Type: Drop down box that has CD or NON CD for the selections.

- Account Balance: Has a numerical value (...00.00).

- Current Interest Rate: Takes an integer value (00).

- Date Account Opened: Takes a date value (mm-dd-yyyy).

- CD Due Date: Takes a date value (mm-dd-yyyy).
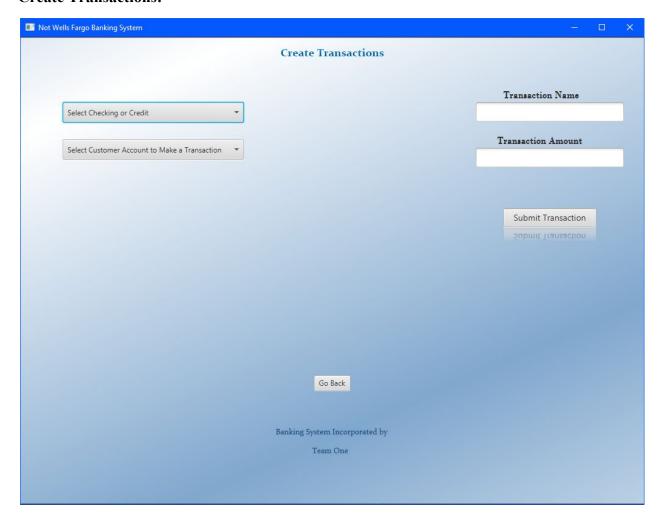
Create New Loan Account (Manager Only)

   The Create New Loan Account interface is used for creating loans or credit cards added on to existing customers. The user selects a customer from the drop down menu to add the loan account to it. The user then can select the account type which can be short term loan, long term loan, and credit card. The user will then add a description of the loan and the starting balance for the customer, and the interest rate. Along with the payment due date and the date to notify of payment. Then the user can click the button to create the new loan based on a button press.

 ❖ **Account Information**
- ■ Customer ID: A drop down menu that allows the user to select an existing customer to attach the loan to.
- ■ Account Type: A drop down menu that allows the use to select short term loan, long term loan, and credit cards.

- Description of Loan: A string value input of what the loan will be used for, if credit card just input credit card.
- Initial Loan Balance: Takes a numerical value(...00.00).
- Interest Rate: Takes a numerical value (00).
- Payment Due Date: Takes a date value (mm-dd-yyyy).
- Date to Notify of Payment: Takes a date value(mm-dd-yyyy).

Create Transactions:

       The Create Transactions user interface is used for simulating how the customer purchase process happens in the system. The way this works is by allowing the user to select if they want a checking account purchase or a credit card purchase. There are only two inputs called the Transaction Name, and the Transaction Amount input fields. The Transaction name takes a string value for the input, and the Transaction Amount takes a numerical value (...00.00). The system processes the transactions for that customer account. The user then selects submit transaction to finalize the transaction.

❖ **Create Transactions:**

      ■ Transaction Name: Takes a string input value of the description of the transaction.

- ■ Transaction Amount: Takes a numerical value for the amount that was spent (...00.00).