### Purpose:

The purpose of this SRS (Software Requirement Specification) document is to outline the functionality of this Banking website. It will specify the details of each functionality.

### Functionality:

1. Registration:
   * Users can register by providing their name, username, social security number, email address, phone number, and password.
   * There will be no duplicate email addresses, usernames, social security number, and phone number in the database.
   * Only customer accounts can be created as there is only one admin.
   * Admin accounts will be hard-coded so that no one can simply create an admin account.
   * Passwords will be hashed in the database upon registration.
2. Login:
   * Users can login using their email address and password to an account that exists in the database.
   * Customers can only login in once the account has been approved.
3. Accounts Page:
   * Admins can view the username of all accounts in the database. Clicking on a username will redirect to the account info page.
   * Customers can view their own account information. This includes account number, username, first and last name, social security number, email address, and phone number.
4. Account Info Page:
   * Admins can view an account’s username, first and last name, social security number, email address, and phone number. There will be a button to approve a customer account. The account can only be approved if it has not yet been approved.
   * Once an account has been approved, a random account number is assigned to the account. Each account has a balance of zero dollars to start.
5. Transactions Page:
   * Customers can view transactions, deposit money, or send money to other customers.
6. View Transactions Page:
   * Customers can view the transaction information of each transaction made. This includes the time it was made, the amount, the type of transaction (added, sent, received), description, and the new balance.
7. Deposit Money Page:
   * Customers can input their card info, the amount to deposit, and an optional description if desired.
   * The card info is stored in the session so that customers do not need to input it again once they have deposited money already until after they log out.
8. Send Money Page:
   * Customers can input the account number of another customer, the amount, and an optional description that would show up on both accounts’ transactions page.
   * Customers can only send up to an amount they have in their account.