Documentation

Lungile Shongwe Billion Bank's online banking system. A ASP.NET website using C# was created. The website will allow users to sign up, log in, view account details, transfer money between accounts, apply for additional accounts, and update personal information. Additionally, we'll implement a database to store customer, account, and transaction information, and a web service to interact with the database.

1. **Website (ASP.NET):**
   * The website will consist of various web pages for user interaction.
   * Users can sign up by providing personal information such as email, password, full name, gender, address, and contact details in which the user enters his details through the Registration Page. They'll also set up a security question, the security questions consist of questions such as (which Primary did you go to? What is your pets name?) and answer for password recovery.
   * After Registering the user can login in using the login.aspx page.
   * A login facility will authenticate users. If a user forgets their password, they can reset it by answering the security question by being referred to the forgot.aspx
   * Upon successful login, users can view their accounts, displaying creation date, current balance, and recent transactions by being referred to the performTransaction.aspx . They can also transfer money between accounts, apply for additional accounts, and update personal information.
   * Unauthorized access to restricted pages will result in redirection to the login page.
   * A logoff feature will allow users to end their session.
2. **Database (SQL Server or Access):**

The database will store customer information (email, password, name, gender, security question, answer number, etc.), account information (SenderAccount, ReceiverAccountId, MoibleNo

, Amount, TransactionType, Remarks) and transaction information (source account, destination account, transfer amount, etc.).

1. **Web Service (ASP.NET Web Service):**
   * The web service will provide functionality to interact with the database from the website.
   * It will handle customer information additions/changes, account information additions/changes, transaction information additions, and any other functionality required by the website.
   * Each time a transfer is performed, relevant information will be logged to a log file.