Commerce Bank

A COMPREHENSIVE ONLINE BANKING PLATFORM

Aidan Leeson
Hunter Tysdal
Brayden Singleton
Joseph Nguyen

DEVELOPMENT TOOLS

Front-End
Streamlit

Front/Back
Python

Database
MySQL

LOGIC

Streamlit
- Graphical User Interface

Python
- Functions
  - Write GUI elements
  - Retrieve user info
  - Write user info

SQL
- Store user info
- Store transaction info

INITIAL LOGIN PAGE

Commerce Bank

Challenge Accepted.

Select a Login Option (Login, New User, Forgot Password?)

Login

Login:

Email:

Password:

Submit

INITIAL LOGIN PAGE

Select a Login Option (Login, New User, Forgot Password?)

Login ⌄

Login:

Email:

Password:

👁

Submit

REGISTER

Select a Login Option (Login, New User, Forgot Password?)

New User ⌄

New User

Personal Information:

First Name:

Last Name:

Email:

Create Password:

👁

Re-enter Password

FORGOT PASSWORD & LOGIN

Challenge Accepted.

Select a Login Option (Login, New User, Forgot Password?)

Forgot Password?

Forgot Password

Email:

JM@gmail.com

Security Question 1:

What is your favorite animal?

Cheetah

Security Question 2:

What is your favorite dessert?

Candy

Security Question 3:

What is your favorite sport

USER SETTINGS

Select an option:

Home ⌄

Log Out

Home

Select an option in the sidebar

USER SETTINGS
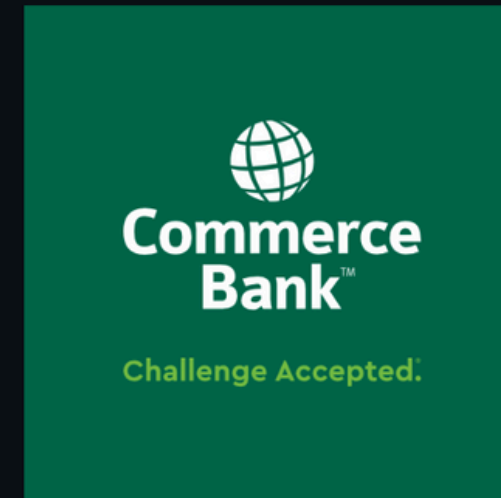
Select an option:

User Profile and Settings ⌄

Home

User Profile and Settings

Add Transactions

View Transactions

Loan Calculator

Log Out

Commerce Bank™

Challenge Accepted.

User Profile

First Name: test2f

Last Name: test2l

Password

Change Password

RECORDING TRANSACTIONS

Select an option:

| Add Transactions | ⌄ |

Log Out

Add Transactions

What is the category of transaction

| -- | ⌄ |

Amount:

| |

Submit

VIEWING TRANSACTIONS

LOAN CALCULATOR

STRETCH GOALS

Stretch Goal
Forgot Username/Password

Stretch Goal
Use an open-source reporting tool/business intelligence suite for all the reporting and its data visualization

LEARNING POINTS

Full Stack Development

- Real world application
- Multi-faceted

Software Engineering Practices

- Project management
- Stretch goals

Adaptation

- Adapting to new technologies
- Pivoting to different directions
- Flexibility