
Commerce Bank Final Presentation

Presented by Group 4

Our Team

Project Manager - Ruby Rios

Testing and Integration Lead - Shelby Mohar

UI/UX Designer/Lead - Brian Bui

Database Designer/Lead - Thomas Tran

Web API Lead - Connor Bensyl

*We all lead specific areas, but take on tasks as needed/desired

The Problem

Our goal was to build a web application that allowed for Commerce Bank Customers to login to their Commerce Bank accounts, view their transactions, create notifications for certain transactions, and get notified in application when transactions that trigger those notifications are added. Users can also add transactions, which will trigger notifications if applicable.

The Tools

***Version control will be done through GitHub.**

- **Database**
Microsoft SQL Server (SSMS & SSCM)
Hamachi VPN
- **Back-end/Front-end**
Blazor Server (C#)
Blazor Pages with Razor
SqlTableDependency
Bootstrap
Blazorise
Dapper
- **Testing**
Focused primarily on manual testing

The Documents

- [Project Charter](#)
 - [Requirements Document](#)
 - [Project Management Plan](#)
 - [Architecture Design Document](#)
 - [Test Plan](#)
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- Retrospective and Tasks for each iteration
 - [Wireframes](#)
 - [ER Diagrams](#)
 - [Schema Diagrams](#)

Project Walkthrough

Takeaways

Did you learn anything new?

- This was a really cool semester long project that gave us a lot of insight as to project coordination

Did you experience any setbacks? What did you do to overcome them?

- Testing
- Replaced DB system
- Connecting to the DB
- Other school work

Suggestions for future projects

- Security feature implementation
- Accessibility features
- Further existing functionality (ie. more notification rules)

Thank You!
Any Questions?





Log in

Welcome!

Email:

Password:

[Forgot your password?](#)

[Register as a new user](#)

Log in



Welcome, Shelby!

Notifications

[Export transactions to spreadsheet](#)

Select Start Range

Select End Range

mm / dd / yyyy

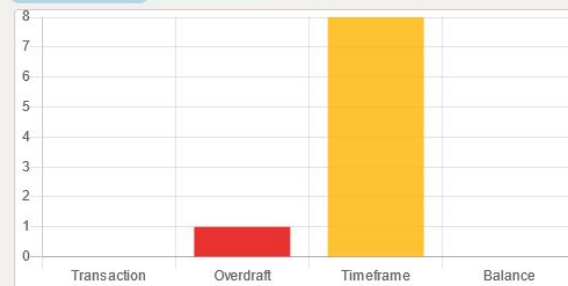
mm / dd / yyyy

Date	Time	Notification Type	Message
4/30/2021	6:01 PM	Overdraft Alert	A transaction has overdrafted your account
4/30/2021	6:11 PM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:14 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:16 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:18 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:21 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:23 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:24 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	10:34 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	11:08 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	11:13 AM	Overdraft Alert	A transaction has overdrafted your account
5/1/2021	11:15 AM	Overdraft Alert	A transaction has overdrafted your account

Notification Summary

[Current Month](#)

[Current Year](#)



Account Balance

[Current Month](#)

[Current Year](#)



Transactions

[+ Add Transaction](#)

Date	Time	Description	Amount	Balance
5/6/2021	5:59 PM	asd	\$-3213.00	\$-24300.00
5/6/2021	5:59 PM	asdas	\$1.00	\$-21086.00
5/3/2021	9:09 PM	populating	\$-10000.00	\$-21087.00
5/3/2021	9:09 PM	populating	\$-10000.00	\$-21087.00
5/3/2021	9:03 PM	populating	\$-10000.00	\$-11087.00
5/3/2021	9:03 PM	populating	\$10000.00	\$8913.00
5/3/2021	9:03 PM	populating	\$-10000.00	\$-11087.00
5/3/2021	9:03 PM	populating	\$-10000.00	\$-1087.00
5/3/2021	9:03 PM	populating	\$-10000.00	\$-1087.00
5/3/2021	9:02 PM	populating	\$10000.00	\$8913.00
5/3/2021	9:02 PM	populating	\$10000.00	\$8913.00
5/3/2021	9:02 PM	Test	\$-10000.00	\$-1087.00

Transactions

[+ Add Transaction](#)

Date	Time		Amount	Balance
5/5/2021	4:52 PM		\$-1100.00	\$21888.00
5/5/2021	4:48 PM		\$1000.00	\$22988.00
5/5/2021	4:48 PM		\$1000.00	\$22988.00
5/5/2021	4:33 PM		\$-600.00	\$21988.00
5/5/2021	4:30 PM		\$1000.00	\$22588.00
5/5/2021	4:16 PM		\$-600.00	\$21588.00
5/5/2021	4:09 PM		\$100.00	\$22188.00
5/5/2021	4:08 PM	Paycheck	\$100.00	\$22188.00
5/5/2021	2:00 PM	New Deposit	\$10000.00	\$22088.00
5/4/2021	7:17 AM	Birthday	\$10000.00	\$12088.00
5/4/2021	7:15 AM	Birthday	\$10000.00	\$2088.00

Add New Transaction



Amount:

Description:

Location:

[+ Add Transaction](#)

 Profile Security Notifications

PROFILE INFORMATION

First Name

Last Name

Phone Number

City

State

[Update Personal Information](#)

 Profile Security Notifications

NOTIFICATION SETTINGS

☐ ACCOUNT BALANCE

Notify me when a my account balance is below:

☒ TIME NOTIFICATION

Notify me when a transaction is made between:



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☒ TRANSACTION AMOUNT

Notify me when a transaction exceeds:

☒ Email me each time a notification is triggered