

Commerce Bank Final Presentation

Group 6

Cory Free, Lauren Magee, Mohamud Abdi, Saurav Pawar, Txomin Chivite Amigo

Presentation Overview

- Group introduction
- Tools used
- Application functionality and flow overview
- Stretch goals selected
- Design overview and goals for each window
- Setbacks
- Code walkthrough
- Takeaways
- Questions

Group Introduction

Mohamud Abdi - Tester

Txomin Chivite Amigo - Backend/ SQL
Developer

Cory Free - Frontend Developer

Saurav Pawar - Frontend Developer

Lauren Magee - Project Manager

Tools Used

Frontend

- HTML, CSS, Javascript

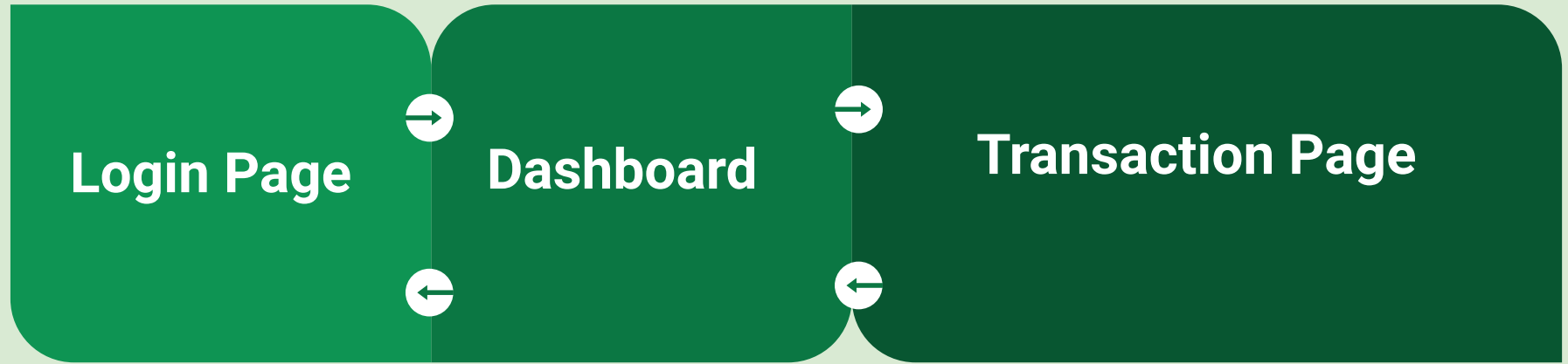
Backend

- SQL, C#, .NET Framework

Testing

- xUnit Module

Application Overview and Flow - 3 Windows



- Allows pre registered users to login
- Fulfills password requirements
- **Stretch Goal #1:** provides option if users forget password

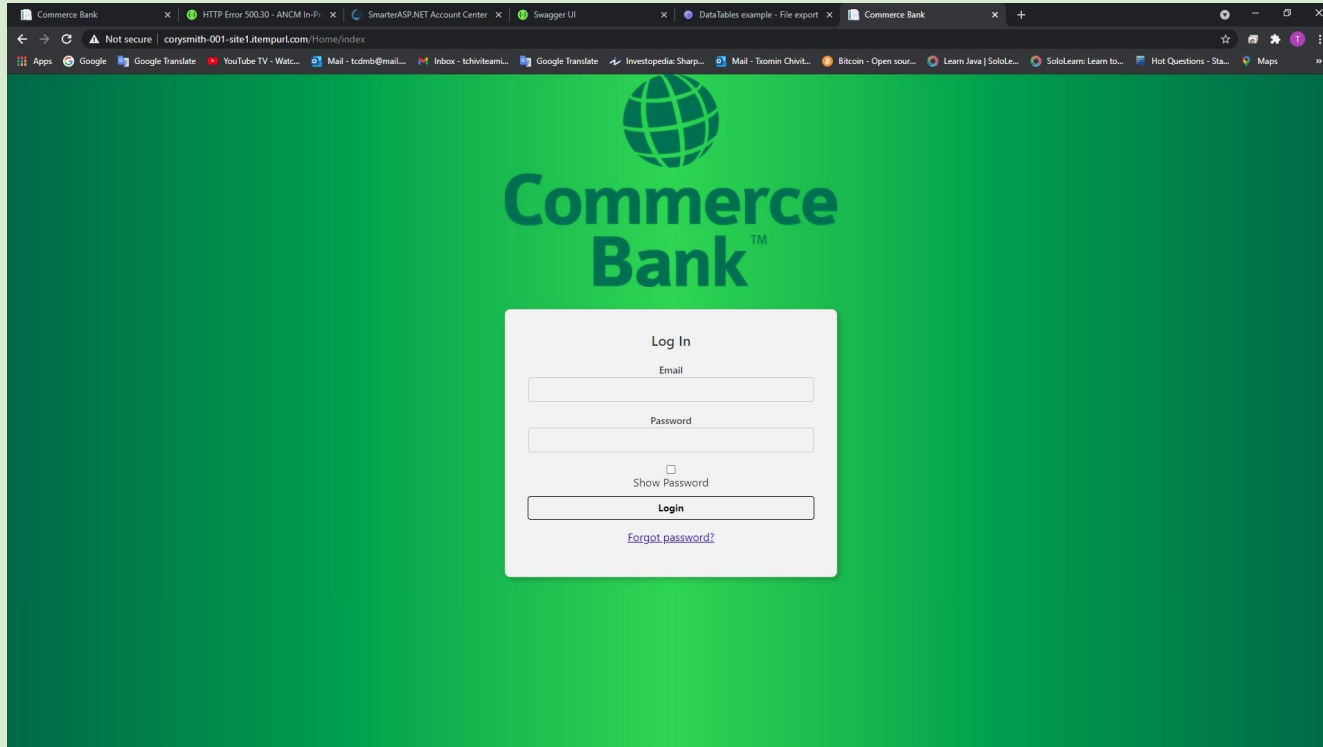
- Allows middleman navigation to both windows
- Routes user directly to their registered email

- Option to add new transaction data
- New data triggers notification email
- **Stretch Goal #2:** Email sent with every rule triggered
- Data sorted by date in traditional ledger style

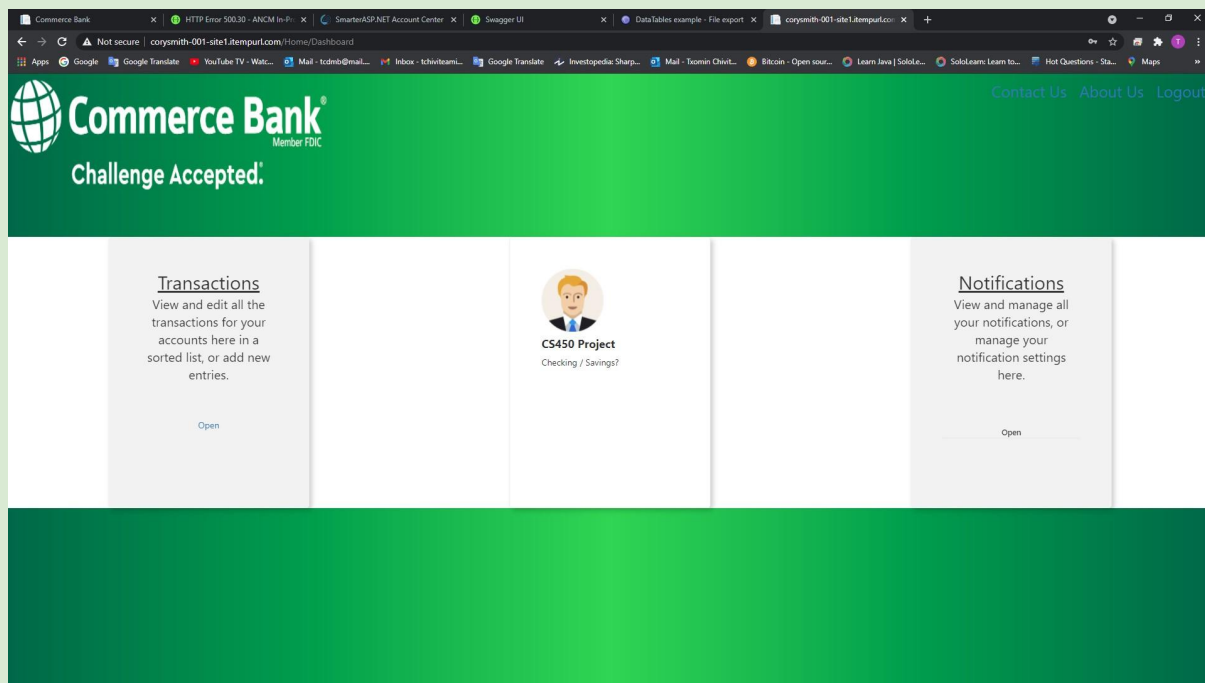
Stretch Goals Chosen

1. Option for user if they've forgotten their password
2. Transaction data added sends notification to user via email

Login Page Preview



Dashboard Page Preview



Transaction Page Preview

Commerce Bank

Member FDIC

Challenge Accepted.

[Contact Us](#) [Log Out](#)

Accounts

Checking

\$

Savings

\$

Add Transaction

SN	Transaction-Type	Description	Date	Amount
1	CR	Opening account deposit	6/1/2020	5000.00
2	DR	Starbucks	6/3/2020	2.00
3	CR	Payroll	6/3/2020	800.00
4	DR	Chipotle	6/3/2020	8.00
5	DR	ATM	6/4/2020	10.00
6	DR	Hoolihans	6/5/2020	32.00
7	DR	KCPL	6/5/2020	100.00
8	DR	Google Fiber	6/9/2020	190.00
9	DR	Netflix	6/11/2020	9.99
10	DR	Rent	1/11/2020	350.00
11	DR	Starbucks	6/15/2020	2.00
12	CR	Payroll	6/22/2020	750.00
13	DR	Commerce Bank Credit Card payment	6/25/2020	620.00
14	DR	McFaddens	6/28/2020	150.00
15	DR	Price Chopper	6/28/2020	100.00
16	CR	Check from friend	6/29/2020	50.00
17	CR	Payroll	7/1/2020	800.00
18	DR	Hyvee	7/1/2020	9.00
19	DR	McFaddens	7/1/2020	14.00

Setbacks

We experienced...

- Not having experience with .NET framework, spending too much time on research and not on execution
- Understanding what segments of the application needed a SQL backend and how to organize the database
- Separating tasks by individual to work towards project completion

We overcame them by...

- Organizing a timeline after the first two iterations with project plan and team meetings
- Mapping out what requirements are connected and combining those implementations
- Assessing everyone's strengths and experience then assigning responsibilities

Application & Code Walk Through

Takeaways

We learned...

- How to productively work together as a team in a software development environment
- The process of integration for SQL into a web application
- The different types of technical documents needed to support a software product

Our suggestions for Future Projects...

- Clarification on how often to update project documents after their original turn-in
- .NET introduction in class for individuals with no experience

Questions?