

<b>Project Title:</b> Banking Web Application	
<b>Start Date:</b> 09/14/2020	<b>End Date:</b> 12/09/2020
<b>Project Manager:</b> Josiah Conely	
<b>Project Sponsor:</b> Commerce Bank	
<b>Customer:</b> customers of Commerce Bank	
<b>Users:</b> Commerce Bank Clients	
<b>Stakeholders and Expectations:</b>  Developing Team: We hope, if we needed to ask a question regarding the software requirements and/or garner feedback on how the product is coming along, that the team at Commerce Bank sponsoring the project would be available for us to do so.  Commerce Bank: Gain the ability to communicate and enhance their clients' experience with the bank by providing them with a web application.	
<b>Purpose (Problem or opportunity addressed by the project):</b>  Clients at Commerce Bank will be able to quickly check the details of their transactions that have been made inside of their accounts. They will also be able to set notification rules for said transactions so that they can be alerted whenever the notification rule has been triggered. As Commerce Bank clients adapt to using this web application, this will also provide valuable autonomy for the company.	

**Goals and Objectives:**

Make the web app fully responsive (looking and responding well on both desktop and mobile)

Allow users to set and customize their notification preferences

Allow users to view a summary of transactions

Allow users to add transactions

Allow user to create a customized report of their transactions and export that report into a spreadsheet (likely csv)

Have web app running on AWS (\*stretch goal)

**Schedule Information (Major milestones and deliverables):**

Due Date:

10/9/2020 - Database built with the model for testing functionality.

10/16/2020 - Database connects to the website, able to make simple queries.

10 /21/2020 - Login/Register page - Add users to Database. Users can login with appropriate business logic set up.

11/05/2020 - Retrieve a summary of transactions made.

11/11/2020 - Basic home-page/alt page with the above requirement functionality.

11/21/2020 - Website CSS/HTML is complete

12/05/2020 - Unit testing / Unit tests are built for appropriate business logic concerns. Testing complete.

- After thoughts:
  - Deployed on a web-server.

**Financial Information (Cost estimate and budget information):**

There should be no financial cost to this project - perhaps if it is hosted on a domain at a later date that would be the only cost.

**Project Priorities and degrees of freedom:**

Building the relational DB for the model.

Connecting DB to web-page to present simple data.

**Approach:** Agile development using weekly scrum meetings.

**Constraints:**

Must be a Web Application

Website frameworks - React or Angular

Commerce fonts/icons for CSS

**Assumptions:**

An account can only belong to one customer.

A transaction can only belong to one account.

Accounts can have multiple transactions.

Customers can have multiple accounts.

Transactions are atomic.

**Success Criteria:**

Users are able to accomplish all actions outlined in requirements:

User are able to make transactions

Able to check balances and generate transaction reports

Users should be able create notification rules

Website should be responsive on both desktop and mobile

**Scope:**

A website that allows users to manage bank accounts.

**Risks and obstacles to success:**

**Signatures**

Jimmy Blundell\_\_\_\_Josiah Conely\_\_\_\_Jacob Gleinser\_\_\_\_Blake Brown\_\_\_\_

**Project Manager**

\_\_\_\_Josiah Conely\_\_\_\_\_

**Project Sponsor**

\_\_\_\_Commerce Bank\_\_\_\_\_

**Customer**

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**Technical Lead**