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| **Project Title:** Commerce Bank Web Application Project | |
| **Start Date:** 02/14/2020 | **End Date:** 05/04/2020 |
| **Project Manager:** Toni Tan | |
| **Project Sponsor:** Commerce Bank | |
| **Customer:** Commerce Bank | |
| **Users:** Commerce Bank’s users | |
| **Stakeholders and Expectations:**  Project sponsor (Commerce Bank): A working, functional web application that pulls in transaction details and at the same time allows users to set triggers for notification rules and receive notifications around them. Also, the system will need to be able to save data in a database and export reports.  Team: Work together to build a functional application in a professional fashion; Divide the projects into individual tasks; Setting up weekly stand-up meetings; Taking feedback from sponsors and instructors to improve the product  Professors: Practice working on a professional application development process | |
| **Purpose (Problem or opportunity addressed by the project)**:  Users who use commerce bank web applications will have a quick and easy way to track their transactions by login in a bank account. They can view websites, set up notifications through any browsers either on a computer or any mobile device. They will also have a system that can save data to a database so recurring reports can be created. | |
| **Goals and Objectives**: The overall goal is to develop a working web application that shows transactions and is connected to a database. The app is expected to:   * Have a user-friendly interface design * Allow users to turn on/off notifications * Export data to a spreadsheet * Ability to save data to a database | |
| **Constraints**:   * Has to be a web application * Has to connect with a database to save data * Password field mask on login page must exist * Password needs to be 8 characters with one upper case letter, 1 symbol, 1 number * At least one CSS framework must be utilized * SQL server 2010 or above should be utilized * Must have a login page, home page and dashboard * Has to be able to export to a spreadsheet * Has to have a login button | |
| **Assumptions**:   * All users should already have an account * One user only has one account * Has a working local server that stores needed data | |
| **Success Criteria**: The project will be considered a success if (1) the team delivers a functional web application with all required features (2) 80% or more of the team members are willing to work together on another software project in the future. | |
| **Scope**: At the minimum, the software will (1) allow users to check their bank account’s balance and transactions, and (2) set up notifications. Time permitting, the scope could be extended to include features such as getting notifications via email or text, remembering users if they close their browser and log in again. | |
| **Risks and obstacles to success**: A risk the team faces are a lack of experience in developing a web application. This lack of experience generates a lot of unknowns. Might have misunderstanding user requirements. The limitation of task time could also cause lack of communication. We have only a best guess for the level of work required for the features we have committed to. We do not yet have a clear picture of how the code will be implemented. The scheduling conflicts between team members might potentially affect the progress of the project. | |
| **Signatures**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Manager**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Sponsor**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Customer**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Technical Lead** | |