

Project Title: Commerce Banking App	Project Manager: Curtis Lemke
Start Date: 9/12/25	Project Sponsor: UMKC
End Date: 12/10/25	Customer/Client: Commerce Bank
Purpose (Problem or Opportunity): Design a full-stack web application that can demonstrate the core functions of a banking app. We will implement many banking features that will help us learn application skills.	
Goals: <ul style="list-style-type: none"> - Deliver a working application with financial components - Work as a team to develop and work through the project - Finish the project within the given timeframe, with the final version being complete and accurate 	Objectives: <ul style="list-style-type: none"> - Implement a secure user authentication system for login - Incorporate financial features (budgeting, money transfer, etc.) - Have a usable and accessible application for all end users - Demonstrate the application with at least two of the extra goals (not including LLM implementation). - Present the final project to Commerce Bank
Features: <ul style="list-style-type: none"> - User registration/login - Homepage - User profile page - Settings page - Password hashing - User authentication - Database implementation - Automated unit testing - Simple UI design 	
Schedule Information (Major milestones and deliverables): <ol style="list-style-type: none"> 1. Project selection 2. Initial requirements and design 3. Prototype app creation 4. Ensure base features are implemented 5. Check in with Commerce Bank 6. Implementation of extra goals 7. App testing 8. Final touches 9. Presentation 	

Financial Information (Cost estimate and budget information): <ul style="list-style-type: none"> - Tools/Development \$0 - Cloud hosting \$0 - \$0 	
Constraints: <ul style="list-style-type: none"> - No content management system - At least one CSS framework - 2 stretch goals implemented - Unit testing (mainly automated) - Finished by the end of the semester 	Assumptions: <ul style="list-style-type: none"> - We will work together using GitHub/Jira/Discord/etc. - Development will use technology that all persons are comfortable with - Dummy data used for transactions
Project scope: <ul style="list-style-type: none"> - Full-stack web application development - Database integration - User authentication - Usability/reliability - Unit testing - Presentation 	
Project Priorities: <ol style="list-style-type: none"> 1. Prototype meets core requirements (pre mid check in) 2. Secure authentication and hashing for security 3. Completion of at least 2 stretch goals 4. The application is professional and presentable 	Success Criteria: <ul style="list-style-type: none"> - We have a working demo of the app with the required features - The project is delivered by the deadline - Positive feedback from all group members/Commerce Bank
Risks and obstacles to success: <ul style="list-style-type: none"> - Limited Time - Conflicting schedules of team members - Inexperience with certain technologies - Deployment environment issues - Security vulnerabilities are not dealt with - Unfair workload 	
Notes:	
Signatures (Project Manager, Project Sponsor, Key contributors to the project):	