Project 3: Account Manager

(Individual Work Log for Marisol Mendez)

- **Project Planning & Code Review (≈ 1.5 hours)**
  1. Reviewed project instructions and rubric requirements
  2. Analyzed starter code and teammate's class implementations
  3. Identified required components and clarified expectations
- **Class Design & Refactoring (≈ 4 hours)**
  1. Reviewed and corrected Account, Checking, Savings, Credit, and Customer classes
  2. Fixed constructor typos and property recursion issues
  3. Verified inheritance structure and minimized code duplication
  4. Added detailed class and method docstrings
  5. Commented out debug print statements for cleaner output
- **Helper Functions & Customer Lookup (≈ 1 hour)**
  1. Implemented and refined findCustomers() helper function
  2. Improved variable naming and recursive re-prompting for invalid usernames
- **File I/O (CSV Import & Export) (≈ 2.5 hours)**
  1. Implemented importCustomers() and exportCustomers()
  2. Added header skipping, validation, and error handling
  3. Verified round-trip data integrity
- **Banking Operations (≈ 4 hours)**
  1. Implemented viewCustomers(), deposit(), withdraw(), creditCharge(), creditPayment()
  2. Added input validation and business rule enforcement
  3. Standardized variable naming and added inline comments
- **Interface Integration (≈ 2 hours)**
  1. Integrated menu-driven interface()
  2. Connected menu options to correct operations
  3. Ensured proper program flow
- **Testing & Debugging (≈ 3 hours)**
  1. Tested all transactions with CSV data
  2. Verified balance updates and exported output
  3. Tested edge cases and fixed formatting issues

Total Estimated Time Spent ≈ 18–19 hours