Module 9.1 Milestone #1 – Willson Financial Case Study

SPRING 2025 CSD310 DATABASE DEVELOPMENT AND USE

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Willson Financial Case Study

Business Rules

1. Each client may have multiple assets managed by Willson Financial.
2. Clients can conduct multiple financial transactions each month.
3. Each client is uniquely identified and includes contact and registration details.
4. Each asset is owned by a client, with a tracked value and type.
5. Transactions are associated with both clients and specific assets, including type and amount.
6. The company bills each client monthly, using either a flat fee or a percentage-based model.
7. Company staff includes two advisors, an office manager, and a compliance manager (employee tracking is outside the core ERD).
8. Compliance is maintained with SEC regulations.
9. Business reporting must include:
   - Number of new clients per month (past 6 months)
   - Average assets per client
   - Clients with >10 transactions in a month

Assumptions

- The client registration date is tracked.
- Asset values are current as of their last update date.
- Transactions log deposits, withdrawals, and trades.
- Billing is processed per client, per month, with an explicit billing type.
- Only active clients are included in the routine reporting.

Entity Relationship Diagram (ERD)