**Project Group 3**

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**Business rules and assumptions for Wilson Financial**

**Business Rules:**

1. **Client Management:**

* **Each client must have a unique client ID.**
* **Clients must have the following attributes: full name, personal details such as address, phone number, and email address, and assets which would be the total value of assets to be managed by Wilson Financial.**
* **Clients can be individuals or companies.**
* **Clients should have an associated record of transactions and billings.**
* **Clients can have multiple assets and transactions.**

1. **Asset Management:**

* **Each asset must have a unique asset ID.**
* **Assets should be associated with clients.**
* **Assets have attributes such as the type, value, and acquisition date.**

1. **Transaction Management:**

* **Each transaction must have a unique transaction ID.**
* **Transactions have attributes such as client ID, date of transaction, transaction amount, and type of transaction.**
* **Transactions are linked to clients and should be recorded accurately for tracking financial activities.**
* **The system must support various transaction types and categorize them accordingly.**

1. **Employee Management:**

* **Every employee must have an employee ID.**
* **Every employee must have a full name, role, and contact information.**
* **The company employs multiple roles, and each employee has a specific role and title.**
* **The company should keep a record of every employee's detail such as contact information, date of hire, job position.**

1. **Billing Management:**
   * **Each billing record must have a unique billing ID.**
   * **Billing records must have a client ID, date, amount, and type of billing.**
   * **Billing structure may be changed based on client transactions and assets.**
   * **Billing records must be maintained for each client.**
2. **Compliance:**

* **The company must follow SEC regulations.**
* **The compliance manager should monitor and maintain the compliance records.**
* **Regular audits should be conducted.**

**Assumptions:**

1. **Clients can be both individuals and corporate entities.**
2. **Each client can have multiple assets and transactions.**
3. **Employees have specific roles and responsibilities.**
4. **Transactions are recorded promptly and accurately.**
5. **Clients are billed based on the services they received, and any issues are resolved right away.**
6. **Compliance manager ensures all activities meet the SEC requirements.**

