Southeast Community Development Corporation

Specialized Data Handling in Salesforce

FALL 2024 | DATABASE ADMINISTRATION | 3 STUDENTS

Three senior Information Systems students worked as a faculty-supervised database administration team with the Southeast Community Development Corporation (SCDC). The team examined specialized data-handling needs in Salesforce and translated the project objective into documented business rules, database designs, an implementation approach, and reporting and administration guidance for partner review.



SCDC Salesforce data-handling team presentation

PROJECT OBJECTIVE

Develop a structured Salesforce database approach for specialized data handling, supported by clear business rules, database models, implementation planning, and reporting guidance.

STUDENT CONTRIBUTION

The team clarified policies and data requirements, modeled entities and relationships, developed a logical schema, considered physical implementation, and organized recommendations for operating and monitoring the database.

ARTIFACTS PRODUCED

- Business rules, assumptions, and constraints
- Conceptual design and entity-relationship diagram
- Logical schema and physical design plan
- Database implementation and reporting approach
- Administration guidance, final report, and presentation

COMMUNITY VALUE

SCDC received a structured, reviewable database concept that could support consistent data handling, stronger data integrity, and future decisions about its Salesforce environment.

LEARNING VALUE

Students applied business-rule analysis, conceptual and logical modeling, implementation planning, reporting, and client communication in a real organizational setting.