

# CSCE 310 Project 1 Part 1

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# 1 Project Description

Our team will create an inter-library catalog management system that tracks multiple libraries with a large collection of customers and items. The libraries described by the system will be members of a closed system of libraries with shared customers. Customers may loan items from any library in the system. Items will belong to a single library and may be loaned through inter-library loans as well as checked-out to or reserved by individual customers. Of particular interest are the is-a hierarchy of items (books, movies, audio discs, etc.) and the weak-entity relationship between an item and its owning library (each library may have colliding identification systems, so long as the item id is unique to the library).

# 2 E/R Diagram

