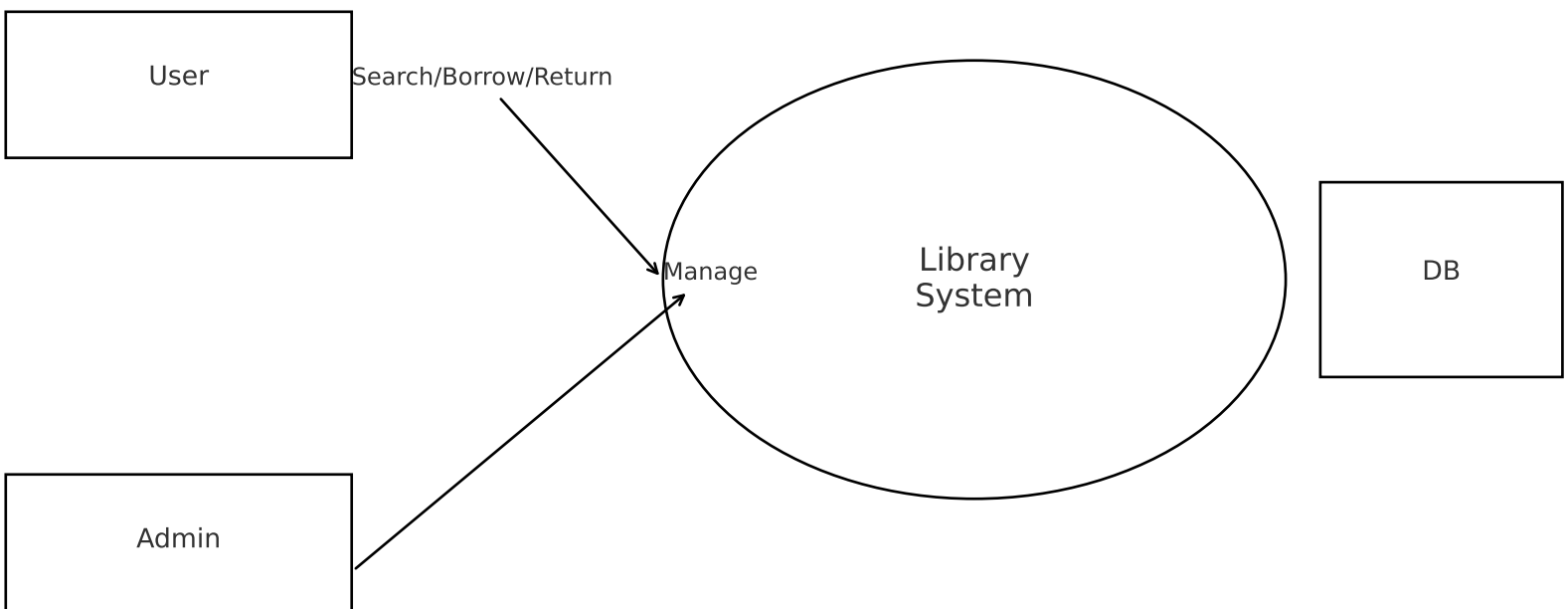
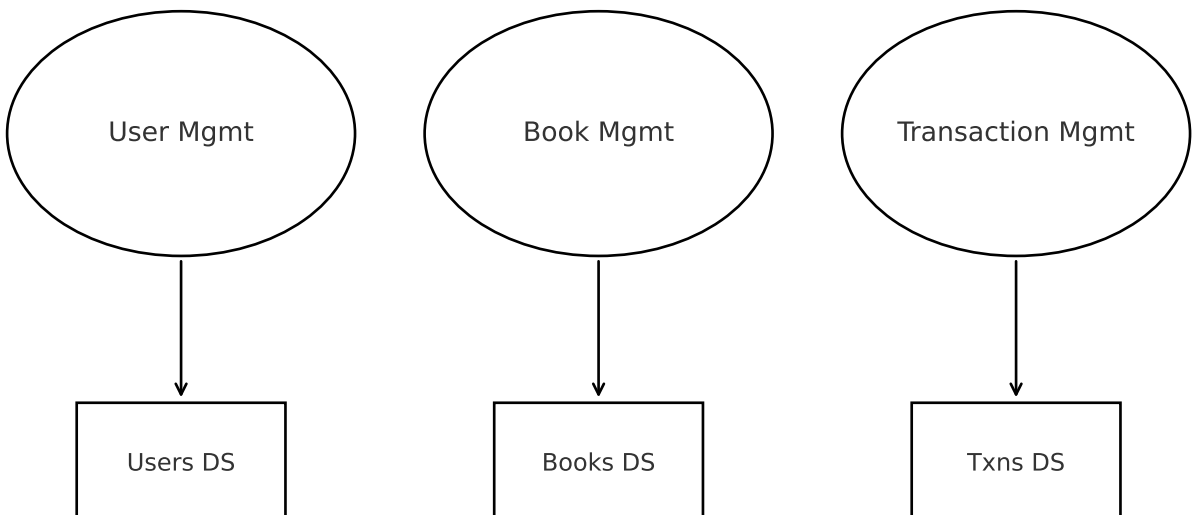
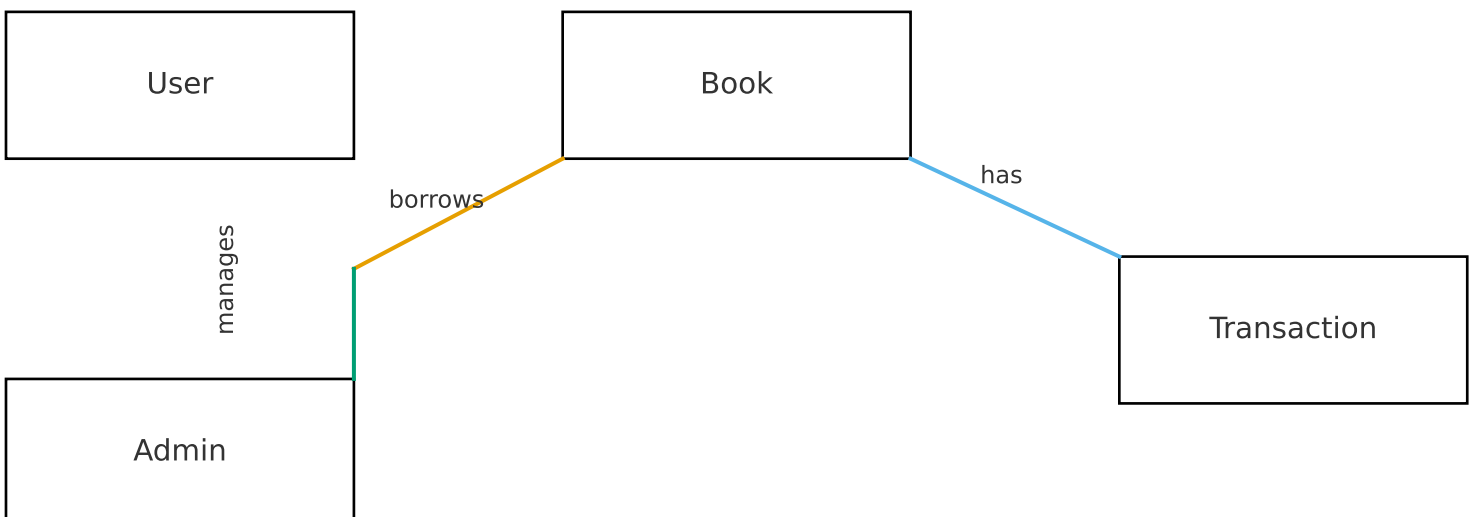
# DFD - Level 0



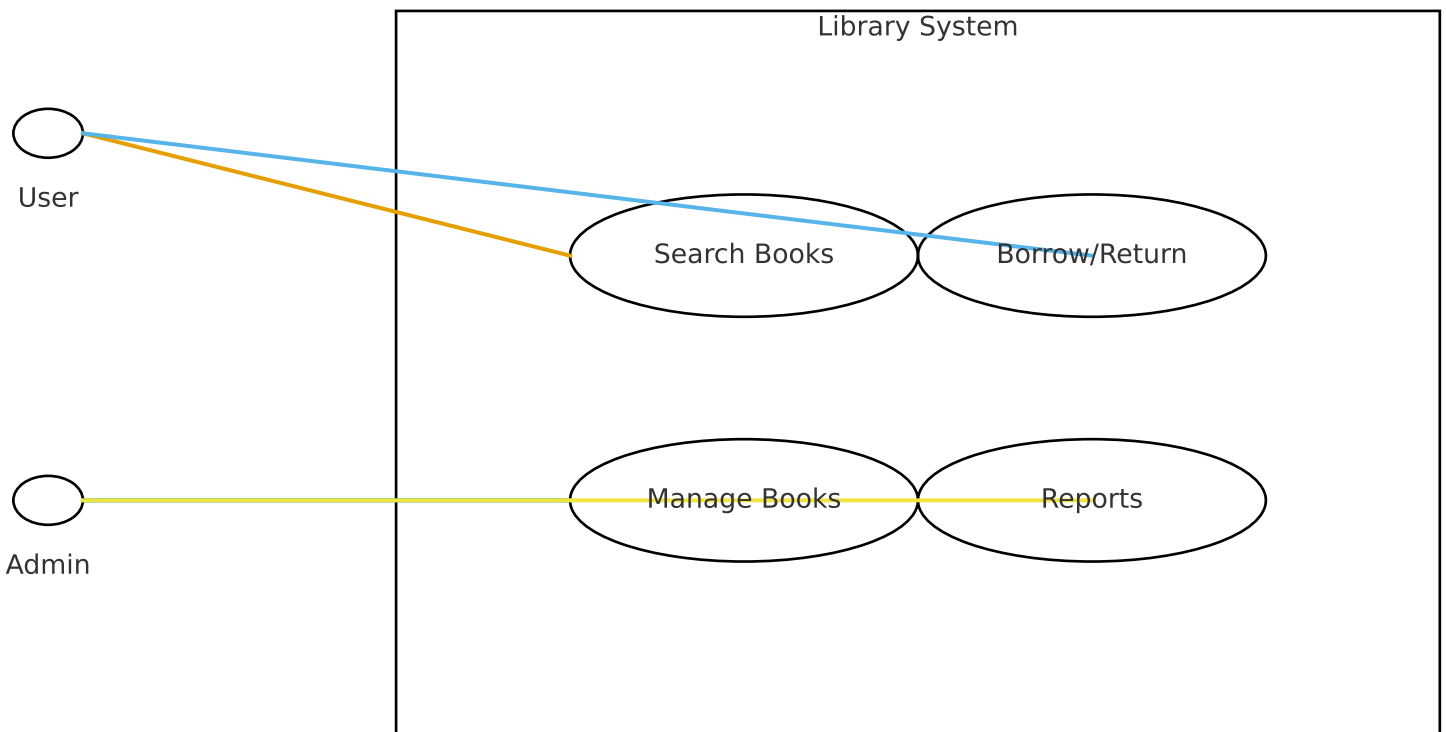
# DFD - Level 1


User Mgmt
Book Mgmt
Transaction Mgmt
Users DS
Books DS
Txns DS

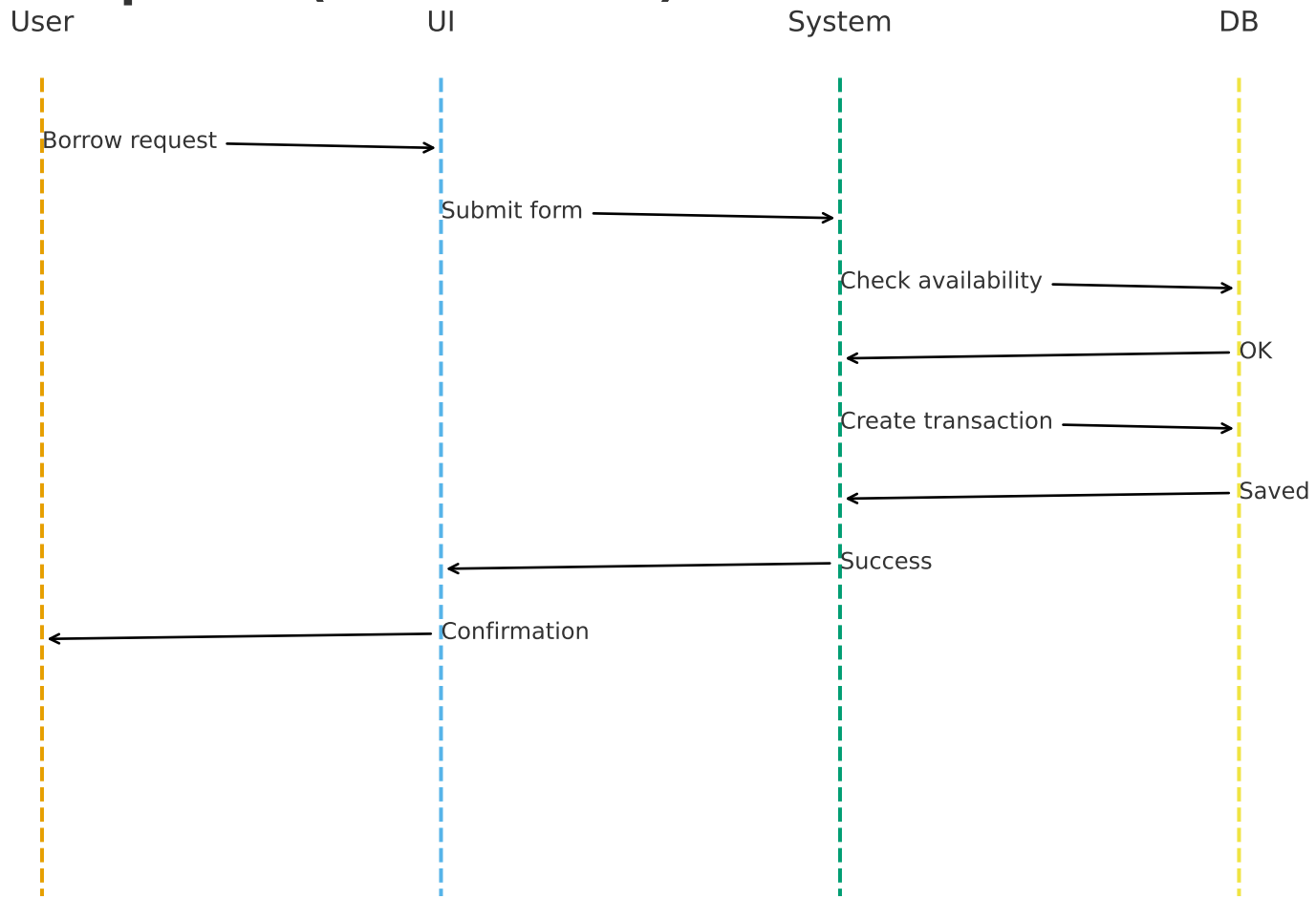
# ER Diagram



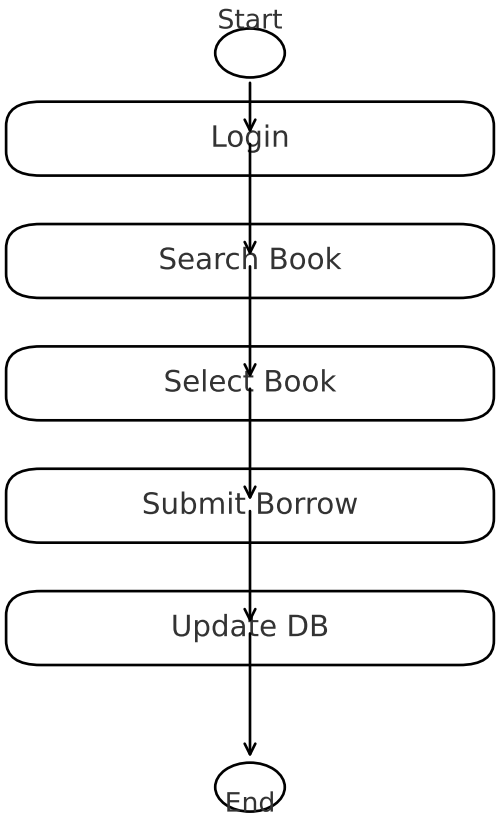
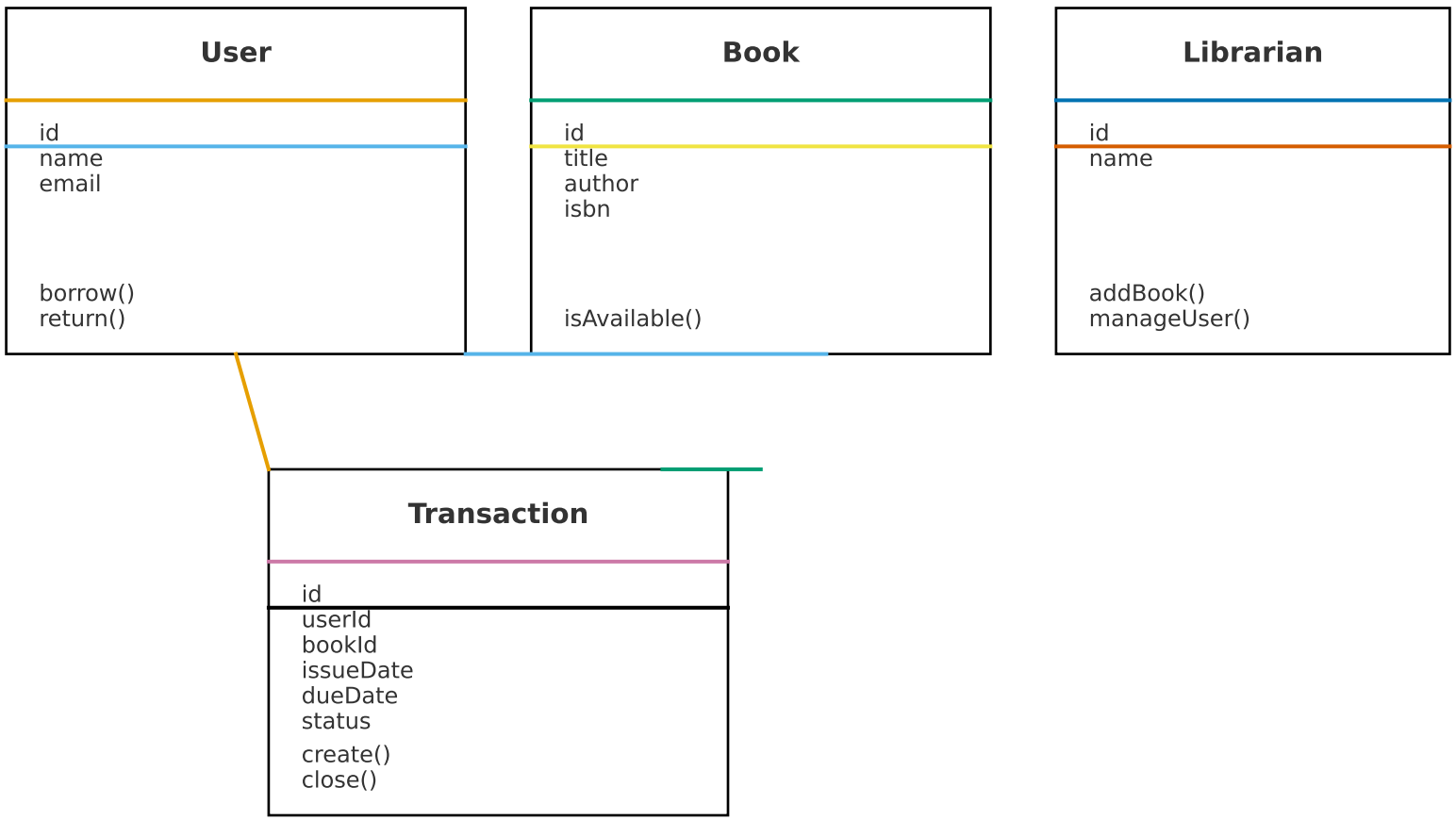
# UML - Use Case


Library System
User
Search Books
Borrow/Return
Admin
Manage Books
Reports

# UML - Sequence (Borrow Book)



# UML - Activity (Borrow Flow)



# UML - Class Diagram