Library Management System - Complete Activity Diagram

Member	System	Librarian	Admin

Member
- Choose Operation
- Select Book to Borrow
- Bring Book to Library
- Search for Book
- Book Found? (yes / no)
- Select Book
- Display Not Found
- Show Book Details
- Receive Book

System
- Check Book Availability
- Check Member Status
- Member Eligible? (yes / no)
- Submit Borrow Request
- Verify Request
- Request Approved? (yes / no)
- Display Member Not Eligible
- Reject Request
- Create Loan Record
- Pay Fine
- Update Book Status
- Retrieve Loan Record
- Check Book Condition
- Book Condition OK? (no)
- Add Damage Fee
- Return Late? (yes)
- Calculate Fine
- Update Book to Available
- Return Book to Shelf
- Add New Book
- Enter Book Data
- Save to Database
- Generate Barcode
- Save to Database
- Save New Librarian
- Generate Report

Librarian
- Choose Function
- Update Book
- Search for Book
- Select Book
- Edit Information

Admin
- Select Function
- Manage Librarians
- Add New Librarian
- View Librarians List
- Check Member
- Verify Member ID
- Member Valid? (yes / no)
- Accept Member Interaction
- Block Member
- Generate Reports
- Choose Report Type