

Use Case analysis for **Generate reports**

Use Case Name:	Generate reports	
Actor(s):	Librarian	
Description:	The system collects information related to books, customers, and reservations from the data stores and sends these reports to the manager.	
Typical Course of Events:	<p>Actor Action</p> <p>Step 1: Librarian enter to library management system.</p> <p>Step 3: The Librarian enters login credentials (library card number, pin).</p> <p>Step 5: Librarian selects "Generate Reports" option from menu, then Chooses the desired report type and define format.</p> <p>Step 7: Librarian log out of the system.</p>	<p>System Response</p> <p>Step 2: System displays login screen.</p> <p>Step 4: System validates credentials, if it Succeed, System displays main menu with options. Else System displays error message, prompts member to reenter credentials.</p> <p>Step 6: System collects reports from data store to generate the report based on selection and insert reports in data store.</p>
Alternate Courses:	<p>Step 1: The librarian can choose to cancel the report generation process at any point.</p> <p>Step 2: The librarian can log out of the system at any point.</p>	
Precondition:	<ul style="list-style-type: none"> • The system has access to the data stores containing books, customer, and reservations information • The manager has requested a report on the library's current state 	
Post condition:	The manager has received reports containing information about books, customers, and reservations.	