

## Use Case analysis for Order a book

<b>Use Case Name:</b>	Order a book	
<b>Actor(s):</b>	Member	
<b>Description:</b>	This use case describes the process of a member to order a book.	
<b>Typical Course of Events:</b>	<p><b>Actor Action</b></p> <p><b>Step1:</b> Member enter to library management system.</p> <p><b>Step 3:</b> The Member enters login credentials (library card number, pin).</p> <p><b>Step 5:</b> Member selects "Order Book" option from menu, then enters search criteria (title, author, etc.).</p> <p><b>Step 7:</b> Member log out of the system.</p>	<p><b>System Response</b></p> <p><b>Step 2:</b> System displays login screen.</p> <p><b>Step 4:</b> System validates credentials, if it Succeed, System displays main menu with options. Else System displays error message, prompts member to reenter credentials.</p> <p><b>Step 6:</b> If the search process is successful, the order will be confirmed, the delivery date will be determined, and the data will be saved in the data store, else the member must choose, exit the system or reserve the book.</p>
<b>Alternate Courses:</b>	<p><b>Step1:</b> If the book Unavailable Call use case (Reserve a Book).</p> <p><b>Step2:</b> The renter can choose to cancel their order at any point before the book becomes available. The system would update the book's availability status accordingly.</p>	
<b>Precondition:</b>	Orders can only be submitted by member system.	
<b>Post condition:</b>	Member order has been recorded.	