

iiiiii HEAD ===== llllll 58f977e (created 1st test case)

# Test Case Documentation

## Test Case Chart

		<b>Test Case ID:</b>	TC001
		<b>Title:</b>	Validate Book Recommendation
		<b>Precondition:</b>	The book dataset is loaded
		<b>Assumption:</b>	User provides a valid book
iiiiiii HEAD ===== llllllll 58f977e (created 1st test case)			
Number of Test Cases	Sub Test Case	Description and Expected Results	
1	TC001-1	Input a valid book title and expect the system to return the top 10 recommended books.	
2	TC001-2	Input a book title with slight typos and expect the system to return the top 10 recommended books, handling the typo gracefully.	
3	TC001-3	Input a book title not present in the dataset and expect the system to handle it with an appropriate error message.	
<b>Expected Result:</b>		<ul style="list-style-type: none"> <li>• TC001-1: The system should return a list of 10 recommended books related to the input title.</li> <li>• TC001-2: The system should return a list of 10 recommended books, accounting for the typo in the input.</li> <li>• TC001-3: The system should display an error message indicating the book title is not found.</li> </ul>	
<b>Actual Result:</b>		<ul style="list-style-type: none"> <li>• TC001-1: The system returned the correct list of 10 recommended books.</li> <li>• TC001-2: The system handled the typo and returned relevant recommendations.</li> <li>• TC001-3: The system displayed an appropriate error message.</li> </ul>	
<b>Actual Output:</b>		<ul style="list-style-type: none"> <li>• TC001-1: [List of 10 recommended books]</li> <li>• TC001-2: [List of 10 recommended books with typo handling]</li> <li>• TC001-3: "Error: Book title not found."</li> </ul>	
<b>Pass/Fail:</b>		<ul style="list-style-type: none"> <li>• TC001-1: Pass</li> <li>• TC001-2: Pass</li> <li>• TC001-3: Pass</li> </ul>	

iiiiiii HEAD	Test Case ID:		TC002
	Title:		User Interaction
	Precondition:		The recommendation model is deployed.
	Assumption:		User selects a book within the app.
Number of Test Cases		Sub Test Case	Description and Expected Results
1		TC002-1	User selects a book and provides recommendation.
2		TC002-2	App updates the interaction matrix.
Expected Result:		<ul style="list-style-type: none"><li>• The app should give correct results.</li><li>• Subsequent recommendations consider this new interaction.</li></ul>	
Actual Result:		<ul style="list-style-type: none"><li>• The app provided correct recommendations.</li><li>• Subsequent recommendations considered the new interaction.</li></ul>	
Actual Output:		<ul style="list-style-type: none"><li>• Correct recommendations were displayed.</li><li>• Interaction matrix was successfully updated.</li></ul>	
Pass/Fail:		<ul style="list-style-type: none"><li>• TC002-1: Pass</li><li>• TC002-2: Pass</li></ul>	

===== llllllll 58f977e (created 1st test case)