

ReSource
Requirements Traceability Matrix

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History Revision:

Revision Date	Person Responsible	Version Number	Modification
11/15/2019	Jaira Mathena B. Angeles	1.0	She filled out the Use Case, Scenarios, and UC2.0 UAT templates. She also wrote the entries under RTM ID, Scenario Description, and Expected Results of UC1.0 UAT.
11/15/2019	Danilo M. Mendoza II	2.0	He wrote the entries under Book Record exists in database.
11/15/2019	Beatrice Pauline R. Mercado	3.0	She wrote the entries under Book Record.

Use Case No.	Description
UC 1.0	Manage Book Listing: The seller is able to maintain their own inventory of book listings on their account profile.
UC 1.1	Edit Book Listing: The information included within a book listing can be updated as needed.
UC 1.2	Create Book Listing: A book listing can be posted by sellers on their profiles and it will be added to the ReSource database.
UC 1.3	Delete Book Listing: A book listing can be removed by the sellers from their profiles and it will be deleted from the ReSource database.
UC 2.0	Shop Book Listing: The buyer can respond to a book listing posted by a seller while logged-in to their account.
UC 2.1	View Book Listing: The buyers can search for a specific book listing within the ReSource database.
UC 2.2	Contact Seller: The buyers can contact sellers in order to place or cancel orders, as well as to negotiate the terms of a transaction.

Use Case No.	Scenario No.	RTM ID	Scenario Description	Priority Status
UC 1.2	S1	UC1.2-S1	Successful: Book Listing Added	Must Have
UC 1.2	S2	UC1.2-S2	Unsuccessful: Incomplete Data	Must Have
UC 1.2	S3	UC1.2-S3	Unsuccessful: Invalid Data	Must Have
UC 1.1	S4	UC1.1-S4	Successful: Book Listing Updated	Must Have
UC 1.1	S5	UC1.1-S5	Unsuccessful: Incomplete Data	Must Have
UC 1.1	S6	UC1.1-S6	Unsuccessful: Invalid Data	Must Have
UC 1.3	S7	UC1.3-S7	Successful: Book Listing Removed	Must Have
UC 2.1	S8	UC2.1-S8	Successful: Book Listing Found	Must Have
UC 2.1	S9	UC2.1-S9	Unsuccessful: Book Listing Does Not Exist	Must Have
UC 2.2	S10	UC2.2-S10	Successful: Order Purchased	Must Have
UC 2.2	S11	UC2.2-S11	Successful: Order Cancelled	Must Have

UC1.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	Book Record	Book Record exists in database
UC 1.2	S1	UC1.2-S1	Successful: Book Listing Added	Title: "Percy Jackson & the Olympians: The Lightning Thief" Price: Php 1000	No
UC 1.2	S2	UC1.2-S2	Unsuccessful: Incomplete Data	Missing Title / Missing Price	No
UC 1.2	S3	UC1.2-S3	Unsuccessful: Invalid Data	Invalid Data Type	No
UC 1.1	S4	UC1.1-S4	Successful: Book Listing Updated	Title: "Percy Jackson & the Olympians: The Lightning Thief" Price: Php 800	Yes
UC 1.1	S5	UC1.1-S5	Unsuccessful: Incomplete Data	Missing Title / Missing Price	Yes
UC 1.1	S6	UC1.1-S6	Unsuccessful: Invalid Data	Invalid Data Type	Yes
UC 1.3	S7	UC1.3-S7	Successful: Book Listing Removed	Title: "Percy Jackson & the Olympians: The Lightning Thief" Price: Php 800	Yes

Expected Results

Confirmation Message: Book Listing Successfully Added

Error Message: Empty Fields (Title/Price Cannot be Null)

Error Message: Invalid Input Type

Confirmation Message: Book Listing Successfully Updated

Error Message: Empty Fields (Title/Price Cannot be Null)

Error Message: Invalid Input Type

Confirmation Message: Book Listing Successfully Deleted

UC2.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	Book Record	Book Record exists in database	Expected Results
UC 2.1	S8	UC2.1-S8	Successful: Book Listing Found	Title: "Percy Jackson & the Olympians: The Lightning Thief" Price: Php 800	Yes	The book listings that match the search criteria will be displayed.
UC 2.1	S9	UC2.1-S9	Unsuccessful: Book Listing Does Not Exist	Title: "A Song of Ice and Fire: The Winds of Winter"	No	Error Message: No Results Found
UC 2.2	S10	UC2.2-S10	Successful: Order Purchased	Title: "Harry Potter and the Philosopher's Stone" Price: Php 500	Yes	The buyer and the seller are able to contact one another through a private instant messaging platform in order to discuss the terms of the transaction.
UC 2.2	S11	UC2.2-S11	Successful: Order Cancelled	Title: "Harry Potter and the Philosopher's Stone" Price: Php 600	Yes	The buyers sends the seller a message informing them of their order cancelation.