Test Case Document for Ebook Management System

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Note: Click based events are all GUI and therefore most of click based events can have 2-3 test cases only.

Test Case ID	Module Name	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU01	LoginRegister	Test the register functionality	Open app	Enter name, email, username, and password	Name = John Doe Username = johndoe1928 Password = password Email=jondoe@email.com	~~Registration successful.~~	~~Register and login to user/admin page~~	Pass
TU02					Name = Jane Doe Username = janedoe Password = password Email=jondoe@email.com	~~User already exists.~~	~~Show Error that user exists~~	Pass
TU03				Enter name, email,and username	Name = Jane Doe Username = janedoe Email=jondoe@email.com	~~Password Empty~~	~~Shows error for empty password field~~	Pass
TU04				Enter name, email, username, and password	Name = John Doe Username = johndoe1920 Password = password	~~Password doesn't meet guidelines.~~	~~Shows error message that password is invalid~~	Pass
TU05				Enter name, username, and password	Name = John Doe Username = johndoe1920 Password = password	~~Email Empty~~	~~Shows error message that Email can't be empty~~	Pass
TU06				Enter email, username, and password	Email=jondoe@email.com Username = johndoe1920 Password = password	~~Name Empty~~	~~Shows error message that Name is Empty~~	Pass

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Test Case ID	Module Name	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU07				Enter name, and email	Name = John Doe Email=jondoe@email.com	~~Empty Fields~~	~~Shows error messages pertaining to empty fields~~	Pass
TU08	LoginRegister	Test login functionality	Open App	Enter name, email, username, and password	Name = John Doe Username = johndoe1920 Password = p	~~Password doesn't meet guidelines.~~	~~Shows error message that password is invalid~~	Pass
TU09				Enter username, and password.	Username = janedoe Password = password	~~Login successful!~~	~~Redirects to user/admin's page~~	Pass
TU10				Enter wrong password	Username = janedoe Password = fakepassword	~~Invalid Username or Password~~	~~Shows error message as invalid username or password~~	Pass
TU11				Enter wrong username	Username = johndoes Password = password			
TU12				Enter non-existent username	Username = johndoe7878 Password = password			
TU13				Enter only username	Username = janedoe Password =	~~Fields Cannot be empty~~	~~Shows message to enter login credentials~~	Pass
TU14				Enter only password	Username = Password = password			Pass
TU15				Both Blank	Username= Password =			Pass

Test Case ID	Module Name	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU016	Admin	Test add book functionality	Open app. Logged in as valid administrator	Go to Add Books Enter book ID, title, author name, and category	Bookid = 1029282 Title= Software Engineering Explained Author = John Doe Category = Education	~~Book added successfully~~	~~Book reflects in the database, shows message~~	Pass

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TU17	Admin	Test add book function.	Open app. Logged in as valid administrator.	Go to Add Books. Enter book ID, title, author, category	Bookid = 1029282 Title= Software Engineering Explained Author = John Doe Category = Education	~~Book already exists.~~	~~No updates to database, shows message book exists~~	Pass
TU18				Go to Add Books. Enter book ID	Bookid =			Pass
TU19				Go to Add Books. Enter category	Category = Education			Pass
TU20				Go to Add Books. Enter book ID and title	Bookid = 1029282 Title= Software Engineering Explained			Pass
TU21				Go to Add Books. Enter book ID author, and category	Bookid = 1029282 Author = John Doe Category = Education	~~Missing Data~~	~~Shows error for missing data~~	Pass
TU22				Go to Add Books. Enter book ID, title, author	Bookid = 1029282 Title= Software Engineering Explained Author = John Doe			Pass
TU23				Go to Add Books. Blank				Pass
TU24				Go to Add Books. Enter book ID(different), and rest same	Bookid = 1029284 Title= Software Engineering Explained Author = John Doe Category = Education	~~Book added successfully~~	~~Book reflects in the database, show message~~	Pass

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TU25	Admin	Test find book function	Open app. Logged in as valid administrator.	Go to Search. Enter bookID / availability	BookID=10238202	~~Book found.~~	~~Displays Book details~~	Pass
TU26				Go to Search. Enter bookID / availability	BookID=102382022	~~Book Doesn't Exists~~	~~Shows message book doesn't exist~~	Pass
TU27				Go to Search. Enter title / availability	Title=Cooking With Me	~~Display list of all relevant titles~~	~~Displays list of books with matching titles~~	Pass
TU28				Go to Search. Enter category / availability	Category = fiction	~~Display list of books with matching fiction~~	~~Displays list of books with matching fiction~~	Pass
TU29				Go to Search. Enter Language / availability	Language = Greek	~~Display list of books with matching language~~	~~Displays list of books with matching language~~	Pass
TU30				Go to Search. Enter Availability	Availability = available	~~Display list of all available books~~	~~Displays list of all available books~~	Pass
TU31				Go to Search. Enter Publication / Availability	Publication = McGraw Hill	~~Display list of all books of that publication~~	~~Displays list of books of that publication~~	Pass
TU32		Test remove book functionality		Go to Remove Books Enter book id to remove.	Book id=1929329	~~Book removed.~~	~~Removes book from database~~	Pass

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Test Case ID	Module Name	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU33	Admin	Test remove book functionality	Open app. Logged in as valid administrator.	Go to Remove Books Enter book id to remove.	Book id=19dfc34	~~Book not found.~~	~~Displays error message~~	Pass
TU34				Go to Remove Books Enter book name, book id to remove.	Bookid = 1029284 Title= Software Engineering Explained	~~Book removed~~	~~Displays message book removed~~	Pass
TU35				Go to Remove Books Enter book name to remove.	Title= Software Engineering Explained	~~Enter Book ID~~	~~Displays message to enter book id~~	Pass

Test Case ID	Module Name	Test Case Description	Pre-condition s	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU36	User	Test add book functionality	Open app. Logged in as a valid user.	Go to Browse books. Search for relevant book	Bookid = 1029282 Title= Software Engineering Explained Author = John Doe Category = Education	~~Book to be added to user's shelf~~	~~Book is added to the user's shelf~~	Pass
TU37					Bookid = 1029282 Title= Software Engineering Explained Author = John Doe Category = Education	~~Book Present in user's shelf~~	~~Shows that book is already present~~	Pass
TU38		Test search book functionality	Open app. Logged in as a valid user.	Go to Search. Enter bookID / availability.	BookID=10238202	~~Book found.~~	~~Display book/s to user~~	Pass

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TU39	User	Test search book functionality	Open app. Logged in as a valid user.	Go to Search. Enter bookID / availability	BookID=102382020	~~Show it is invalid book.~~	~~Displays message for invalid book~~	Pass
TU40				Go to Search. Enter Title / availability	Title = Cooking With Me	~~Display list of all relevant titles~~	~~Displays the list of books of the same title~~	Pass
TU41				Go to Search. Enter Category / availability	Category = fiction	~~Display list of books of relevant Category~~	~~Displays list of books of the same category~~	Pass
TU42				Go to Search. Enter Language / availability	Language = Greek	~~Display list of books of relevant language~~	~~Displays books of that language~~	Pass
TU43				Go to Search. Enter availability	Availability = available	~~Display list of all available books~~	~~Displays all books available~~	Pass
TU44				Go to Search. Enter Publication / availability	Publication = McGraw Hill	~~Display list of books of relevant publication~~	~~Displays all the books from that publisher~~	Pass
TU45				Go to Search. Enter Author / availability	Author = Jondoe	~~Display list of books of relevant author~~	~~Displays all the books from that author~~	Pass
TU46		Test remove book functionality		Go to Bookshelf Click on book Click on remove book	Book id=1929329	~~Book to be remove from user's shelf~~	~~Book removed from user's shelf~~	Pass
TU47				Go to Bookshelf Click on book	Book id=19dfc34	~~Book not present in user's shelf~~	~~Book not in user's shelf not shown~~	Pass

				Click on remove book				

Test Case ID	Module Name	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result (Pass/Fail)
TU48	User	Test the add reviews and ratings.	Open app; logged in as valid user.	Click on Book, Add Review Enter review and rating	Bookid=19832029 Review="excellent read!" Rating=5	~~Display other reviews and add the new review and rating.~~	~~Displays all the old review, and adds the new review and rating~~	Pass
TU49					Bookid=19832026 Review="excellent read!" Rating=5	~~Unavailable book should not be shown~~	~~Unavailable book not displayed, no review section~~	Pass
TU50				Click on Book, Add Review Enter rating	Bookid=19832029 Rating=5	~~Display other reviews and add the new rating.~~	~~Displays all the old review, and adds the new review and rating~~	Pass
TU51				Click on Book, Add Review Enter review	Bookid=19832029 Review="excellent read!"	~~Display other reviews and add the new review and rating.~~	~~Displays all the old review, and adds the new review and rating~~	Pass
TU52				Click on Book, Add Review Blank Entry		~~Show Error, no blanks allowed~~	~~Displays error message that blank reviews cannot be submitted~~	Pass

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TU53	User	Test the read book functionality	Open app; logged in as valid user.	Click book on bookshelf	Bookid=198320	~~Book should open to read~~	~~Book displayed to be read~~	Pass
TU54				Click book on bookshelf	Bookid=1980102929	~~Book not in user's shelf should not be shown~~	~~Book isn't shown~~	Pass
TU55		Test the edit bookmarking functionality		Click book on bookshelf Click on Edit Bookmarking	Bookid=19802392 Page=5	~~Bookmarking edited successfully.~~	~~Bookmark modified~~	Pass
TU56				Enter bookID Click on Edit Bookmarking	Bookid=198293829 Page=6	~~Book not in user's shelf should not be displayed~~	~~Book unavailable in user's shelf~~	Pass
TU57		Test the show reviews and ratings, and display book details functionality		Go to Search Book/Bookshelf (Enter Book id) Click on Book	Bookid=19832029	~~Display all previous ratings and reviews, and also displays book details.~~	~~Displays book info and all reviews and ratings~~	Pass
TU58					Bookid=19119822	~~Book not found (On entering ID)~~	~~Displays book not found message (On entering ID)~~	Pass
TU59		Test add book functionality		Go to Search Book Enter Search details Click on Book Click on add book	Bookid=19803902	~~Book successfully added to shelf~~	~~Adds book to user's shelf~~	Pass

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TU60		Test add book functionality	Open app; logged in as valid user.	Go to Search Book Enter Search details Click on Book Click on add book	Bookid=1980390123	~~Book not found~~	~~Displays message book not found~~	Pass