

Device

	Mobile	Tablet	Desktop
Navigation bar collapse/expand according to screen sizes	Pass	Pass	Pass
Nav brand image and text resize according to screen sizes	Pass	Pass	Pass
Maximum use of space on small screens	Pass	N/A	N/A
Heading resize on small screens	Pass	N/A	N/A
Image handling sizing keeps aspect ratios	Pass	Pass	Pass
Missing image (invalid link/url) replaced with Image Not Available Image	Pass	Pass	Pass
Footer Columns Adjacent on Large screens	N/A	Pass	Pass
Footer Columns Below on small screens	Pass	N/A	N/A
Image transition on hover for desktop sites (social media, containers, buttons, cards)	N/A	N/A	Pass

Browser

Category	Pass	Fail	Pass
Responsive Design	Pass	Pass	Pass
Navigation Interaction	Pass	Pass	Pass
Form Function	Pass	Pass	Pass

User Type (access/actions based on user type)

User type	Not registered/Logged in	Registered user	User/Admin
Categories (Navbar): Nav item visible	Visible	Visible	Visible
Categories (Navbar): Redirect to specific category of books (if Categories selected)	Allowed	Allowed	Allowed
Categories (Page): Manipulator buttons visible (edit/delete)	Prohibited/Not visible	Prohibited/Not visible	Visible
Categories (Page): Redirect to edit book page (if Edit pushed)	Prohibited/Not visible	Prohibited/Not visible	Allowed
Categories (Page): Redirect to categories page (if Delete pushed)	Prohibited/Not visible	Prohibited/Not visible	Allowed
Add Category (Navbar): Nav item visible	Prohibited/Not visible	Prohibited/Not visible	Visible
Add Category (Navbar): Redirect to add category page (if Add Categories selected)	Prohibited/Not visible	Prohibited/Not visible	Allowed
Add Category (Page): Form loads with button for submission	Prohibited/Not visible	Prohibited/Not visible	Visible
Books (Navbar): Nav item visible	Visible	Visible	Visible
Books (Navbar): Redirect to books (if Books selected)	Allowed	Allowed	Allowed
Books (Page): Display only certain category books (if category selector used)	Visible	Visible	Visible
Books (Page): Redirect to book page (if specific book selected)	Allowed	Allowed	Allowed
Book (Page): Book details visible	Visible	Visible	Visible
Book (Page): Buy book button visible	Visible	Visible	Visible
Book (Page): Redirect to third party site (if Buy Book pushed)	Allowed	Allowed	Allowed
Book (Page): Edit book button visible	Prohibited/Not visible	Only if same user	Allowed
Book (Page): Redirect to edit book page (if Edit pushed)	Prohibited/Not visible	Only if same user	Allowed
Book (Page): Delete button visible	Prohibited/Not visible	Only if same user	Visible
Book (Page): Redirect to books page (if Delete pushed)	Prohibited/Not visible	Only if same user	Allowed
Book (Page): Add review button visible, if no review	Visible	Visible	Visible
Book (Page): Redirect to login page (if Add Review pushed)	Allowed	N/A	N/A
Book (Page): Redirect to add review page (if Add Review pushed)	Prohibited/Not visible	Allowed	Allowed
Book (Page): Edit review button visible	Prohibited/Not visible	Only if same user	Only if same user
Book (Page): Redirect to edit review page (if Edit Review pushed)	Prohibited/Not visible	Only if same user	Only if same user
Book (Page): Delete review button visible	Prohibited/Not visible	Only if same user	Visible
Book (Page): Redirect to books page (if Delete Review pushed)	Prohibited/Not visible	Only if same user	Allowed
Book (Page): Add comment button visible	Visible	Visible	Visible
Book (Page): Redirect to login page (if Add Comment pushed)	Allowed	N/A	N/A
Book (Page): Redirect to add comment page (if Add Comment pushed)	Prohibited/Not visible	Allowed	Allowed
Book (Page): Edit comment button visible	Prohibited/Not visible	Only if same user	Only if same user
Book (Page): Redirect to edit comment page (if Edit pushed)	Prohibited/Not visible	Only if same user	Only if same user
Book (Page): Delete comment button visible	Prohibited/Not visible	Only if same user	Visible
Book (Page): Redirect to book page (if Delete pushed)	Prohibited/Not visible	Only if same user	Allowed
Book (Page): Up Vote on Book page (reload page with new info)	Allowed	Allowed	Allowed
Book (Page): Down Vote on Book page (reload page with new info)	Allowed	Allowed	Allowed
Add Book (Navbar): Nav item visible	Visible	Visible	Visible
Add Book (Navbar): Redirect to login (if Add Book selected)	Allowed	N/A	N/A
Add Book (Navbar): Redirect to add book page (if Add Book selected)	Prohibited/Not visible	Allowed	Allowed
Login (Navbar): Nav item visible	Visible	Prohibited/Not visible	Prohibited/Not visible
Login (Navbar): Direct to login (if Login selected)	Allowed	Prohibited/Not visible	Prohibited/Not visible
Login (Page): Register button redirect to register (if Register pushed)	Allowed	Prohibited/Not visible	Prohibited/Not visible
Register (Navbar): Nav item visible	Visible	Prohibited/Not visible	Prohibited/Not visible
Register (Navbar): Direct to register (if Register selected)	Allowed	Prohibited/Not visible	Prohibited/Not visible
Register (Page): Log in button redirect to login (if Login pushed)	Allowed	Prohibited/Not visible	Prohibited/Not visible
Logout (Navbar): Nav item visible	Prohibited/Not visible	Visible	Visible
Logout (Navbar): Redirect to login (if Logout selected)	Prohibited/Not visible	Allowed	Allowed
Profile (Navbar): Nav item visible	Prohibited/Not visible	Prohibited/Not visible	Prohibited/Not visible
Profile (Navbar): Redirect to profile view (if Profile selected)	Prohibited/Not visible	Prohibited/Not visible	Prohibited/Not visible
Profile (Page): Edit and delete button visible for user	Prohibited/Not visible	Prohibited/Not visible	Prohibited/Not visible
Profile (Page): Redirect to edit user page (if Edit pushed)	Prohibited/Not visible	Prohibited/Not visible	Prohibited/Not visible
Profile (Page): Redirect to log in user page (if Delete pushed)	Prohibited/Not visible	Prohibited/Not visible	Prohibited/Not visible
User Management (Navbar): Nav item visible	Prohibited/Not visible	Prohibited/Not visible	Allowed
User Management (Navbar): Redirect to profile views of all users (if User Management selected)	Prohibited/Not visible	Prohibited/Not visible	Allowed
User Management (Page): Edit button visible	Prohibited/Not visible	Prohibited/Not visible	Only if same user
User Management (Page): Redirect to edit user page (if Edit pushed)	Prohibited/Not visible	Prohibited/Not visible	Only if same user
User Management (Page): Delete button visible	Prohibited/Not visible	Prohibited/Not visible	Allowed
User Management (Page): Reload user management page (if Delete pushed)	Prohibited/Not visible	Prohibited/Not visible	Allowed
External (Links): open in new window (social media, buy book, etc)	Allowed	Allowed	Allowed

Form Function and APP Logic	Result	
Register: Form blank with guiding notes as place holders	Pass	
Register: Validation checks if info left blank and provides feedback	Pass	
Register: Validation checks if username and email have been used already	Pass	
Register: Validation check if valid email address given	Pass	
Register: Validation checks if password and confirm password matches	Pass	
Register: Flash message displayed if successful/unsuccessful	Pass	
Register: Redirect to log in page if successful registration	Pass	
Register: Page reloads if unsuccessful (validation failed)	Pass	
Log in: Form blank with guiding notes as place holders	Pass	
Log in: Validation checks if info left blank and provides feedback	Pass	
Log in: Validation check if valid email address given	Pass	
Log in: Validation checks if password matches db password	Pass	
Log in: Flash message displayed if successful/unsuccessful	Pass	
Log in: Redirect to home if successful login	Pass	
Log in: Page reloads if unsuccessful (validation failed)	Pass	
Edit user: Form pre-populated with database info	Pass	
Edit user: Validation checks if info left blank and provides feedback	Pass	
Edit user: Validation checks if username and email have been used already (by other use	Pass	
Edit user: Validation check if valid email address given	Pass	
Edit user: Flash message displayed if successful/unsuccessful	Pass	
Edit user: Redirect to log in page if successful edit of profile	Pass	
Edit user: Page reloads if unsuccessful (validation failed)	Pass	
Add book: Form blank with guiding notes as place holders	Pass	
Add book: Validation checks if info left blank and provides feedback	Pass	
Add book: Validation checks if minimum criteria not met (length, data required)	Pass	
Add book: Flash message displayed if successful/unsuccessful	Pass	
Add book: Redirect to books page if successful	Pass	
Add book: Redirect to add book page if unsuccessful	Pass	
Add book: Redirect to login if not logged in	Pass	
Edit book: Form pre-populated with database info	Pass	
Edit book: Validation checks if info left blank and provides feedback	Pass	
Edit book: Validation checks if minimum criteria not met (length, data required)	Pass	
Edit book: Flash message displayed if successful/unsuccessful	Pass	
Edit book: Redirect to the book page if successful	Pass	
Edit book: Redirect to edit book page if unsuccessful	Pass	
Edit book: Redirect to book page if not same user	Pass	
Edit book: Redirect to login if not logged in	Pass	
Add category: Form blank with guiding notes as place holders	Pass	
Add category: Validation checks if info left blank and provides feedback	Pass	
Add category: Validation checks if minimum criteria not met (length, data required)	Pass	
Add category: Flash message displayed if successful/unsuccessful	Pass	
Add category: Redirect to categories page if successful	Pass	
Add category: Redirect to add category page if unsuccessful	Pass	
Add category: Redirect to categories if not super user	Pass	
Edit category: Form pre-populated with database info	Pass	
Edit category: Validation checks if info left blank and provides feedback	Pass	
Edit category: Validation checks if minimum criteria not met (length, data required)	Pass	
Edit category: Flash message displayed if successful/unsuccessful	Pass	
Edit category: Redirect to categories page if successful	Pass	
Edit category: Redirect to edit category page if unsuccessful	Pass	
Edit category: Redirect to categories if not super user	Pass	
Add review: Form blank with guiding notes as place holders	Pass	
Add review: Validation checks if info left blank and provides feedback	Pass	
Add review: Validation checks if minimum criteria not met (length, data required)	Pass	
Add review: Flash message displayed if successful/unsuccessful	Pass	
Add review: Redirect to book page if successful	Pass	
Add review: Redirect to add review page if unsuccessful	Pass	
Add review: Redirect to login if not logged in	Pass	
Edit review: Form pre-populated with database info	Fail	Content not editable, user have to retype
Edit review: Validation checks if info left blank and provides feedback	Pass	
Edit review: Validation checks if minimum criteria not met (length, data required)	Pass	
Edit review: Flash message displayed if successful/unsuccessful	Pass	
Edit review: Redirect to book page if successful	Pass	
Edit review: Redirect to edit review page if unsuccessful	Pass	
Edit review: Redirect to book page if not same user	Pass	
Edit review: Redirect to login page if not logged in	Pass	
Add comment: Form blank with guiding notes as place holders	Pass	
Add comment: Validation checks if info left blank and provides feedback	Pass	
Add comment: Validation checks if minimum criteria not met (length, data required)	Pass	
Add comment: Flash message displayed if successful/unsuccessful	Pass	
Add comment: Redirect to book page if successful	Pass	
Add comment: Redirect to add comment page if unsuccessful	Pass	
Add comment: Redirect to login if not logged in	Pass	
Edit comment: Form blank with guiding notes as place holders	Pass	
Edit comment: Validation checks if info left blank and provides feedback	Pass	
Edit comment: Validation checks if minimum criteria not met (length, data required)	Pass	
Edit comment: Flash message displayed if successful/unsuccessful	Pass	
Edit comment: Redirect to book page if successful	Pass	
Edit comment: Redirect to edit comment page if unsuccessful	Pass	
Edit comment: Redirect to book page if not same user	Pass	
Edit comment: Redirect to login if not logged in	Pass	