Test log

header.php

Test case	Result	Comments
Link given stylesheets correctly	PASS	
Link given scripts correctly	PASS	
Replace login link with user account and logout link if user is logged in	PASS	
Show add book link if logged in user is an admin	PASS	
Show basket link if user is logged in	PASS	

footer.php

Test case	Result	Comments
Correct year outputted	PASS	

components.php

Test case	Result	Comments
Page header displays correctly	PASS	
Page footer displays correctly	PASS	

connection.php

Test case	Result	Comments
Successfully connect to database and return the connection object	PASS	
Output error message on database connection error	PASS	

book-list.php

Test case	Result	Comments
Books pulled from database	PASS	
Book gallery displays correctly	PASS	
Book links get correct id	PASS	
Display "no books found" message if books table is empty	PASS	

book.php

Test case	Result	Comments
Book pulled from database	PASS	
Book data displays correctly	PASS	
Missing id URL parameter redirects user to book-list.php	PASS	
Non-numeric id given in URL parameter redirects user to book-list.php	PASS	
Non-existent book id displays a "book not found" message	PASS	
Add to basket button adds or increases quantity of book in basket	PASS	
Redirect user to login.php if they attempt to add a book to their basket when they are not logged in	PASS	

login.php

Test case	Result	Comments
User is redirected to book-list.php if they are already logged in	PASS	
Login form submission detected correctly	PASS	
Registration form submission detected correctly	PASS	
Successful login redirects user to book-list.php	PASS	
Successful registration redirects user to registration-success.php	PASS	

Non-password form fields preserved on error	PASS
Error returned on empty form fields	PASS
Error returned if attempting to login to a non-existent account	PASS
Error returned if a submitted password does not match the password for an existent account	PASS
Session variables set correctly on successful validation	PASS
Error returned if username is not between 4 and 32 chars in length	PASS
Error returned if email is invalid	PASS
Error returned if password is less than 12 chars in length	PASS
Error returned if password does not match retyped password	PASS
Error returned if attempting to create an account with a username that already exists	PASS
User account created in database on successful validation	PASS

logout.php

Test case	Result	Comments
User logged out successfully	PASS	

registration-success.php

Test case	Result	Comments
Redirects user to book-list.php if justRegistered session variable is not set	PASS	

add-book.php

Test case	Result	Comments
Error returned on empty form fields	PASS	
Error returned if title is not between 4 and 128 chars in length	PASS	
Error returned if author is not between 4 and 48 chars in length	PASS	
Error returned if price is invalid	PASS	
Error returned if uploaded image is an invalid format or whose filesize is too large	PASS	
Book created in database on successful validation	PASS	
User redirected to book.php using the id of the newly created book	PASS	
Redirect user to book-list.php if they are not logged in or an admin	PASS	

update-book.php

Test case	Result	Comments
Error returned on empty form fields	PASS	
Error returned if title is not between 4 and 128 chars in length	PASS	
Error returned if author is not between 4 and 48 chars in length	PASS	
Error returned if price is invalid	PASS	
Error returned if uploaded image is an invalid format or whose filesize is too large	PASS	
Book data in database updated on successful validation	PASS	
User redirected to book.php using the id of the updated book	PASS	

Redirect user to book-list.php if they are not logged in   PASS
or an admin

delete-book.php

Test case	Result	Comments
Yes button removes book from the database	PASS	
Deletion of book redirects user to book-list.php	PASS	
No button takes user back to book-list.php	PASS	
Redirect user to book-list.php if they are not logged in or an admin	PASS	

basket.php

Test case	Result	Comments
Redirect user to login.php if they are not logged in	PASS	
User's basket displayed in a table with controls for each row	PASS	
Price of each book takes into account the quantity ordered	PASS	A £10 book ordered twice will display £20
Total price of order displayed at the bottom of the page	PASS	
+ button increases quantity of book in basket	PASS	
- button decreases quantity of book in basket	PASS	
- button removes book from basket if quantity reaches 0	PASS	
Remove button removes book from basket	PASS	
Display a basket is empty message if the user's basket is empty	PASS	

checkout.php

Test case	Result	Comments
Redirect user to login.php if they are not logged in	PASS	
	PASS	
Redirect user to book-list.php if their basket is empty		
Error returned on empty form fields	PASS	
Error returned if address line is not between 4 and 64 chars in length	PASS	
Error returned if town is not between 3 and 32 chars in length	PASS	
Error returned if county is not between 3 and 32 chars in length	PASS	
Error returned if postcode is not 7 or 8 chars in length	PASS	
Error returned if card number is invalid or not 16 chars exactly	PASS	
Error returned if month is invalid or is not an integer between 1 and 12	PASS	
Error returned if year is invalid, is not 2 chars exactly, or is less than the current year	PASS	
Error returned if the security number is invalid or is not 3 chars exactly	PASS	
Order successfully created on successful validation	PASS	
New postcode record created if it does not already exist when checking out an order	PASS	
Order ID correctly generated when checking out an order	PASS	
Basket contents wiped once an order is created	PASS	
User redirected to user.php on successful order creation	PASS	

user.php

Test case	Result	Comments
Redirect user to login.php if they are not logged in	PASS	
Displays each order made by the user with total price and order date	PASS	
Display a no orders found message if there are no orders to display	PASS	