

# Bookstore Management System

## Usability Heuristic Report

No	Heuristic	Description	Severity	Suggested Improvement
1	Precise & Constructive Error Messages	Checkout has no visible error messages to the user.	4	Add error messages to the application in instances where user fails to make a payment option, has inputted wrong payment information or failed to input any payment information
2	Clearly marked exits	Navigating to the management page is needlessly obscure after log in by an admin.	3	Link to management view should be visible in the navigation bar after admin log in.
3	Prevent Errors	It's possible for the user to enter checkout and place an order with an empty cart.	3	Disable checkout and place order buttons if the user has nothing to buy.
4	Prevent Errors	User has the freedom to input unlimited amount of numbers in the "Card Number" field.	3	Restrict the allowed amount of numbers to what is necessary and provide the user with an example of the correct format.
5	Speak the users' language	Hide / Show sidebar doesn't clearly indicate to the user that the sidebar holds genres.	2	Use more descriptive heading for the sidebar
6	Minimize users' memory load	Shopping cart icon lacks an indicator for when it already contains items	2	Add an icon over the shopping cart to indicate something has been added.
7	Feedback	There is no feedback message when the empty cart button is pressed.	2	Add confirmation message that the shopping cart has been successfully cleared.
8	Clearly marked exits	The application doesn't tell the user how to return to homepage from log in or register views.	2	Add clear return to homepage link or button.
9	Shortcuts	Every interaction in management is done	2	Add keyboard commands for the most

		through clicks.		frequently used actions
10	Help and Documentation	The application makes no mention of the benefits for registered users.	2	Add short explanation on the homepage about the benefits of registering a user.
11	Simple & Natural Dialogue	Texts components in log in, register, searchbar and buttons are hard to see	1	Increase contrast on placeholder texts.
12	Simple & Natural Dialogue	Homepage dropdown menu doesn't clearly indicate its purpose	1	Add language label to the dropdown menu.
13	Consistency	The buttons in different parts of the application vary	1	Button styles should follow a uniform pattern
14	Consistency	The colors in login, register and profile are not consistent with the rest of the application.	0	Use same color palette throughout the application.