Online Bookstore System Problem description:

The Online Bookstore System allows users to order books online. The Customer has to get registered to use this system. The system validates the entered information against the tables stored in the database. The customer enters the keyword for a book and clicks the search button on the Personal Home Page. The system displays the matching books on the web Page. The customer chooses the desired book. The system shows sell used books webpage. The customer enters all the details of the books to sell- name, publication, type etc. The system displays a confirmation page listing the information that the customer has entered. The system displays the Book Detail web pages that have been updated. Once the purchase has been done, then customer checks out the website and collects the receipt.

Functional Requirements

FR1: Register

The Customer must not be already registered. The Customer clicks the Register button on the Home Page. The system displays the register page. The Customer registers all the required information. The Customer clicks the send button. The system checks that all of the required information was entered. If yes, then the system updates the customer's record in the account tables in the database. System displays OK message. The tables are updated by the system.

FR2: Log-in

The Customer clicks the log-in button on the Home Page. The system displays the log-in page. The customer enters his login Id with password. The customer clicks on the confirm button. The system checks that all of the required information was entered. If the entered information is wrong then system asks customer to reenter the details. The system validates the entered information against the tables stored in the database.

FR3: Order Books

The customer should be logged in. If the customer is not logged in then Log-in Usecase is carried out. The customer enters the keyword for a book and clicks the search button on the Personal Home Page. The system displays the matching books on the web Page. The customer chooses the desired book. He clicks the ADD TO SHOPPING CART button on the web page. The system adds the book into the CUSTOMER's Order table in the database. The customer can directly go on the checkout page, CheckOut use case is carried out.

FR4: Sell Used Books

The customer must be logged-in. If the customer is not logged in then Log-in Usecase is carried out. The customer selects sell used books on the homepage. The system shows sell used books webpage. The customer enters all the details of the books to sell- name, publication, type etc. The system displays a confirmation page listing the information that the customer has entered. The customer checks the displayed information is correct. If the information is not accurate then the customer corrects the information. The customer clicks on the OK button to confirm.

FR5: Review Books

The customer must be logged-in. If the customer is not logged in then Login Usecase is carried out. The customer checks for the desired book , clicks on the chosen book icon. The system displays the book's detail in the Book Detail web page. The CUSTOMER clicks the REVIEW button on the web page. The system displays the Review Book web page. The CUSTOMER clicks on the desired star button. Then clicks the OK button on the web page. The system calculates the overall rating of the book, updates the Book table in the database. The system displays the Book Detail web pages that have been updated.

FR6: Check out

The system displays the selected books to the customer. The customer checks the order list of any inconsistency. If nothing is found, then the customer clicks on the proceed button. The system shows the invoice page. The customer enters the address for delivery of the selected books. He click on the proceed button. The customer enters the credit/debit card information. If the information entered by the customer is incorrect then transaction is aborted. The system confirms the receipt. The customer downloads the receipt.