Software Engineering Acceptance Criteria

Group 21

Book Exchange among campus students

May 8, 2021

Contents

1　Introduction

The following document states the first version of user stories.

2　Actors and Stakeholders

2.1　Actors

Definitions:

Buyer: The one who wants to buy a book or textbook or any material related to any course.

Seller/Donor: The one who wants to sell a book (donate in case he(she) doesn't keep any price for the book/material).

- Buyers
- Sellers/Donors

2.2　Stakeholders

- System Developers
- Maintainers
- Buyers
- Sellers/Donors

3　User Stories

- As a new user I want to be able to sign up on the portal so that I can start exchanging academic material.
  AC: Verify if an unregistered user can create an account and be directed to the home page. Verify that the user is valid by sending a verification mail. Check for the length of the password required as well.

- As a user I want to be able to login so that I can use the portal.
  AC: Verify if a registered user can login successfully provided he(she) enters the correct credentials.

- As a user I want to be able to view my profile so that I can view how it looks.
  AC: Verify that a user can check his(her) profile after logging in.

- As a user I want to be able to update my profile so that I can update it if there are any changes in my details.
  AC: Verify that once logged in, the user can update contact number in the profile and those changes are reflected in the transactions.

- As a buyer, I want to be able to search for a book(material) so that it could save my time of scrolling.
  AC: Verify that the buyer can search for a book he(she) wants based on the name of the book. Display the available book(s) accordingly.

- As a buyer, I want to be able to Wish list a book(material) so that I can reach to it easily if I want to buy it later.
  AC: Verify that the buyer can add a particular book to the wishlist section. The same should then be seen on the wishlist screen.

- As a buyer, I want to be able to buy a book(material) so that the seller knows I want to buy his(her) material.
  AC: Verify that the buyer can send a buy request on a particular book/material. The same should be recorded in his(her) history.

- As a buyer, I want to be able to Buy a book(material) after wishlisting so that I can buy a book I had previously wishlisted.
  AC: Verify that from wishlist, the buyer can send a "buy" request to the seller. Verify that the buyer can also remove a book from wishlist if need be.

- As a buyer, I want to be able to request an unavailable book(material) so that I can buy it when anyone wants to sell it.
  AC: Verify that if a searched book is not on sale currently, the user is allowed to enter the details of the book and send a request for it.

- As a buyer,I want to be notified when a previously unavailable requested book is available so that I can know it is available.
  AC: Verify that when a previously requested unavailable book is on sale, the user who had requested it is notified on their dashboard.

- As a buyer, I want to be able to view buy history so that I can have it for my reference.
  AC: Verify that the buyer can view his(her) past actions in the history section.

- As a seller(donor), I want to be able to put a book(material) on sale so that others can see that it is available for sale.
  AC: Verify that a user can put a book on sale after entering required details like book and author name. The book should then be included in available books.

- As a seller(donor), I want to be able to see my books(material) that I have put for sale so that I can have it for my reference.
  AC: Verify that after putting a book on sale, the seller can check which books he has kept on sale.

- As a seller(donor), I want to be able to view all requests on a particular book(material) out on sale so that I know who wants to buy it.
  AC: Verify that along with the books he(she) has kept on sale, the seller can view all requests on a particular book along with the relevant contact details of the potential buyers.

- As a seller(donor), I want to be able to see the profile of a person who has requested so that I can contact him(her).
  AC: Verify that along with the books he(she) has kept on sale, the seller can view all requests on a particular book along with the relevant contact details of the potential buyers.

- As a seller(donor), I want to be able to deem a particular book sold after I've sold it so that it no longer is seen as out on sale.
  AC: Verify that the seller can deem a particular book sold after he(she) sells it. That book should no longer be a part of the available books. The other potential buyers who had requested for it should be displayed with an appropriate message on the history page where they can view the book they've requested.

- As a seller(donor), I want to be able to view my sale history so that I can have it for my reference.
  AC: Verify that the seller can view his previous actions in the history section.

- As a seller(donor), I want to be able to remove a previously posted book(material) out on sale so that it is removed in case I change my mind.
  AC: Verify that the seller can delete a book he had previously kept on sale. It should be removed from available books.The other potential buyers who had requested for it should be displayed with an appropriate message on the history page where they can view the book they've requested.

- As a seller(donor), I want to be able to delete a particular request on my book/material so that I can delete someone's request directly if I wish not to sell to them.
  AC: Verify that the seller can delete a particular request on his(her) book/material. The other potential buyer who had requested for it should be displayed with an appropriate message on the history page where they can view the book they've requested.

- As a user I want to be able to logout of the portal so that I can logout once my work is done.
  AC: Verify that the user can successfully logout of the system.

  Non-Functional User stories:

- As a user, I want the portal to be functional via all browsers so that all of us can use it irrespective of the OS.
  AC: Verify if the website works fine on almost all common browsers like Chrome, Firefox, Safari.

- As a user, I want that the user interface is lucid enough that a 1 day demonstration be enough to learn using it so that it doesn't take much time to learn how to use it.
  AC: Verify if the system takes less time to adapt and get used to.

- As a user, I want that the response time is not more than 15 msec, so that it isn't very slow to use.
  AC: Verify if the response time of the system is maximum 15msec.

- As a user, I want that it is available at all times in a day except the 1-2 hours of down-time so that I can use it at almost all points in the day. **AC:** Verify if the system is functional almost all day except for a downtime of 1-2 hours.

- As a user, I want that y contact number isn't shared unless I keep a book for sale or request a a book so that my privacy is not compromised. **AC:** Verify that except for a seller viewing the contact details of a potential buyer, user details are not displayed elsewhere.