

**Assignment #5**  
System Testing

**Project:**  
Readers Hub

**Group Members:**

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<b>Identifier</b>	TC-1
<b>Related requirements(s)</b>	Talk to AI Chatbot
<b>Short description</b>	Test the AI chatbot's ability to provide information about other books by a specific author upon user inquiry.
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account.</li> </ol>
<b>Input data</b>	What other books has the author Jane Austen written?
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Navigate to the chat interface where the AI chatbot is accessible.</li> <li>2. Type the message, "What other books has the author Jane Austen written?", in the text box.</li> <li>3. Send the message.</li> <li>4. Observe the AI chatbot's response for information about other books by the specified author.</li> </ol>
<b>Expected result(s)</b>	<ul style="list-style-type: none"> <li>• The AI chatbot acknowledges the user's request for information about other books by the specified author.</li> <li>• The AI chatbot provides accurate information about other books written by the specified author, including titles, genres, and possibly brief descriptions.</li> </ul>
<b>Post-condition(s)</b>	User receives information about other books by the specified author from the AI chatbot.
<b>Actual result(s)</b>	<ol style="list-style-type: none"> <li>1. Pride and Prejudice <ul style="list-style-type: none"> <li>• Genre: Romance, Satire</li> <li>• Description: Pride and Prejudice follows the tumultuous relationship between Elizabeth Bennet and Mr. Darcy against the backdrop of 19th-century English society. Filled with witty dialogue and social commentary, it explores themes of love, class, and societal expectations.</li> </ul> </li> <li>2. Sense and Sensibility <ul style="list-style-type: none"> <li>• Genre: Romance, Drama</li> <li>• Description: Sense and Sensibility tells the story of the Dashwood sisters, Elinor and Marianne, as they navigate love, heartbreak, and societal norms. The novel contrasts Elinor's practicality with Marianne's emotional sensibility, offering insights into the complexities of human nature and relationships.</li> </ul> </li> <li>3. Emma <ul style="list-style-type: none"> <li>• Genre: Comedy of Manners, Romance</li> <li>• Description: Emma follows the titular character, a young woman with a penchant for matchmaking, as she meddles in the romantic affairs of those around her. Set in the fictional village of Highbury, the novel humorously explores Emma's misadventures in love and self-discovery.</li> </ul> </li> </ol>
<b>Test Case Result</b>	Pass

<b>Identifier</b>	TC-2
<b>Related requirements(s)</b>	Participate in group chats
<b>Short description</b>	Test the functionality for a user to actively participate in a group chat on The Reader's Hub Site platform.
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account.</li> <li>3. There exists an ongoing group chat within the platform on a certain book.</li> </ol>
<b>Input data</b>	Do you guys think its fair to blame Alicia for her husband's death?
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Navigate to the group chat section of The Reader's Hub Site platform.</li> <li>2. Verify the presence of an ongoing group chat for "The Silent Patient".</li> <li>3. Read the messages exchanged between participants in the group chat to understand the ongoing conversation.</li> <li>4. Type the message, "Do you guys think its fair to blame Alicia for her husband's death?", in the chat box to contribute to the conversation.</li> <li>5. Send the message.</li> <li>6. Observe for any responses or reactions from other participants.</li> </ol>
<b>Expected result(s)</b>	The user successfully sends the message in the group chat. Other participants in the group chat acknowledge the user's message through responses or reactions. The user's message contributes to the ongoing conversation within the group chat.
<b>Post-condition(s)</b>	The user remains connected to the group chat and can continue participating in the conversation. The group chat is saved.
<b>Actual result(s)</b>	<p><b>User:</b> Do you guys think its fair to blame Alicia for her husband's death?</p> <p><b>Participant 1:</b> That's a tough question. On one hand, she was the one present at the scene, but there's so much we don't know about her.</p> <p><b>Participant 2:</b> I'm not sure. It seems too easy to just blame her outright. There could be other factors at play here.</p> <p><b>Participant 3:</b> I think we need to consider all the evidence before jumping to conclusions. Alicia's silence makes it even more mysterious.</p> <p><b>User:</b> It's definitely a complex situation. Can't wait to see how the story unfolds!</p>
<b>Test Case Result</b>	Pass

<b>Identifier</b>	TC-3
<b>Related requirements(s)</b>	Rate and Review Books
<b>Short description</b>	Test the functionality of rating and reviewing a book on the Readers Hub website
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account and is on a book's detail page.</li> </ol>
<b>Input data</b>	Rating: 4 stars Review: "A classic novel with engaging characters and plot."
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Navigate to a book's detail page.</li> <li>2. Locate the rating section.</li> <li>3. Select 4 stars.</li> <li>4. Locate the review text box.</li> <li>5. Enter "A classic novel with engaging characters and plot."</li> <li>6. Click on the 'Submit' button</li> </ol>
<b>Expected result(s)</b>	<ul style="list-style-type: none"> <li>• The user's rating and review should be successfully submitted and displayed on the book's detail page.</li> <li>• The average rating of the book is updated</li> </ul>
<b>Post-condition(s)</b>	User's rating and review are visible on the book's detail page
<b>Actual result(s)</b>	<ol style="list-style-type: none"> <li>1. The user successfully navigated to the page of the book 'Pride and Prejudice'.</li> <li>2. The user located the section for rating and reviewing the book.</li> <li>3. The user entered a rating of 4 out of 5 stars.</li> <li>4. The user typed the review "A classic novel with engaging characters and plot." in the text box.</li> <li>5. The user clicked on the 'Submit' button and the platform acknowledged the submission of the rating and review.</li> <li>6. The user's rating updated the overall rating of the book.</li> <li>7. The user's review appeared under the book's reviews, reflecting their rating and comments.</li> </ol>
<b>Test Case Result</b>	Pass

<b>Identifier</b>	TC-4
<b>Related requirements(s)</b>	Search Books
<b>Short description</b>	Test the functionality of searching for a book on the Readers Hub website.
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account and is on the home page.</li> </ol>
<b>Input data</b>	Search term: "Pride and Prejudice"
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Locate the search bar on the home page.</li> <li>2. Enter "Pride and Prejudice" in the search bar.</li> <li>3. Click on the 'Search' button.</li> </ol>
<b>Expected result(s)</b>	The search results should display all books with "Pride and Prejudice" in the title or description
<b>Post-condition(s)</b>	User is on the search results page
<b>Actual result(s)</b>	<ol style="list-style-type: none"> <li>1. The user successfully navigated to the search interface on the Reader's Hub Site platform.</li> <li>2. The user entered the book title "Pride and Prejudice" in the search bar.</li> <li>3. The user clicked on the 'Search' button and the platform processed the search request.</li> <li>4. The platform displayed a list of search results related to the book title "Pride and Prejudice".</li> <li>5. The book "Pride and Prejudice" by Jane Austen appeared at the top of the search results.</li> <li>6. The search results included relevant information such as the book's author, genre, rating, and a brief description.</li> </ol>
<b>Test Case Result</b>	Pass

<b>Identifier</b>	TC-5
<b>Related requirements(s)</b>	Recommend Books
<b>Short description</b>	Test the functionality of recommending books to users based on their reading history.
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account.</li> </ol>
<b>Input data</b>	User's reading history: Fantasy genre
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Navigate to the recommendation section on the Reader's Hub Site platform.</li> <li>2. Check the user's reading history to confirm they have previously read books in the fantasy genre.</li> <li>3. Based on the user's reading history, recommend books from the fantasy genre that they may enjoy.</li> </ol>
<b>Expected result(s)</b>	<ol style="list-style-type: none"> <li>1. The recommended books are relevant to the user's reading history and preferences.</li> <li>2. The recommended books are displayed in a clear and organized manner for the user to explore.</li> </ol>
<b>Post-condition(s)</b>	User receives personalized book recommendations based on their reading history.
<b>Actual result(s)</b>	<ol style="list-style-type: none"> <li>1. "Harry Potter and the Sorcerer's Stone" by J.K. Rowling <ul style="list-style-type: none"> <li>• Genre: Fantasy</li> <li>• Description: The first book in the beloved Harry Potter series introduces readers to the magical world of Hogwarts and follows Harry's journey as he discovers his identity and battles against the dark wizard, Voldemort</li> </ul> </li> <li>2. "The Hobbit" by J.R.R. Tolkien <ul style="list-style-type: none"> <li>• Genre: Fantasy, Adventure</li> <li>• Description: Bilbo Baggins, a hobbit, embarks on an epic adventure with a group of dwarves to reclaim their homeland from the dragon Smaug. Along the way, they encounter trolls, elves, and goblins, leading to a thrilling and unforgettable quest.</li> </ul> </li> <li>3. "A Game of Thrones" by George R.R. Martin <ul style="list-style-type: none"> <li>• Genre: Fantasy, Epic</li> <li>• Description: The first book in the epic fantasy series "A Song of Ice and Fire" introduces readers to the fictional continents of Westeros and Essos, where noble families vie for power and control of the Iron Throne. Filled with political intrigue, warfare, and complex characters, it is a gripping tale of power struggle and survival.</li> </ul> </li> </ol>
<b>Test Case Result</b>	Pass

<b>Identifier</b>	TC-6
<b>Related requirements(s)</b>	Connect with Nearby Bookstores
<b>Short description</b>	Test the functionality of connecting with nearby bookstores on the Readers Hub website.
<b>Pre-condition(s)</b>	<ol style="list-style-type: none"> <li>1. The Reader's Hub Site platform is accessible and operational.</li> <li>2. User is logged into their account.</li> </ol>
<b>Input data</b>	User's location: City or zip code
<b>Detailed steps</b>	<ol style="list-style-type: none"> <li>1. Navigate to the "Nearby Bookstores" section on the Reader's Hub Site platform.</li> <li>2. Enter the user's location (e.g., city or zip code) into the search bar.</li> <li>3. Click on the 'Search' button.</li> <li>4. Verify that nearby bookstores are displayed on the map or in a list format.</li> </ol>
<b>Expected result(s)</b>	<ol style="list-style-type: none"> <li>1. Nearby bookstores relevant to the user's location are displayed accurately.</li> <li>2. Each bookstore listing includes essential information such as address, contact details, and website link (if available).</li> </ol>
<b>Post-condition(s)</b>	User can easily find and connect with nearby bookstores to support local businesses and enhance their book buying experience.
<b>Actual result(s)</b>	<ol style="list-style-type: none"> <li>1. Liberty Books" <ul style="list-style-type: none"> <li>• Address: Main Boulevard, Gulberg III, Lahore, Pakistan</li> <li>• Phone: +92 42 3578 3821</li> <li>• Website: <a href="http://www.libertybooks.com">www.libertybooks.com</a></li> </ul> </li> <li>2. "Kitabain" <ul style="list-style-type: none"> <li>• Address: 45-D Commercial Area, Cavalry Ground, Lahore, Pakistan</li> <li>• Phone: +92 321 1234567</li> <li>• Website: <a href="http://www.kitabain.com.pk">www.kitabain.com.pk</a></li> </ul> </li> </ol>
<b>Test Case Result</b>	Pass