

SamePage End-2-End Testing

The following end-2-end tests include 9 user stories and 1 bug fix from the QA team (Test 3, #2)

(1) Landing Page:

- Run App
- Should see the Landing Page
- Scroll through the book list on “Latest Releases”
- Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png**

(2) Search for Book:

Test #1: As Guest (by default):

- Run App
- Should see the Landing Page
- Click search bar
- Type a book name: [ex. **Harry Potter** or **harry potter**] and click enter
 - Should get 1 book
- Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/BookSearchResult.png
- Type a generic word like “and” or “an” and click enter
 - Should get a list of books with generic words included
 - Scroll through the list of results
- Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/GenericSearchResult.png

Test #2: Logged In:

- Repeat steps as Guest role
- Should expect the same outcome

(3) Register/Login:

Test #1: Easy Registration:

- Open App
- Should see the landing page Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png
- Click the Login button from Navbar
 - Enter unregistered username and password info
 - Click the “Login” button
 - Should see error output Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/InvalidLogin.png
- Click the Register button from Navbar
 - Enter unregistered information following all correct rules
 - Click the “Register” button

- Should see the success message output Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/RegisterUser.png
- Click the “Login” button from Navbar
- Enter now registered information
- Should see a success message Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/ValidLogin.png
- Should be redirected to Landing Page Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png

Test #2: Input Validation (QA Team Bug)

- Open App
- Should see the Landing Page Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png
- Click the “Register” button from Navbar
 - Enter unregistered information
 - Enter incorrect email address (do not include “@” or “.”)
 - Go to the next field
 - Should not be able to enter any information (expected behaviour)
 - Click the “Register” button
 - Should get an error pop-up, refer to
→**SamePage/src/test/java/com/eecs3311/End2EndTesting/images/Register_Incorrect_Email.png**
 - Fix the email address field input to the proper email address
 - Go to the next field
 - Should be able to enter information now
 - Enter incorrect username (< 3 or > 16 characters with random symbols: %#\$*)
 - Click the “Register” button
 - Should get an error popup, refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/Register_Incorrect_Username.png
 - Fix username field input to the proper email address
 - Fill out all remaining fields correctly
 - Click the “Register” button below
 - Should see a success message, refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/Register_Successful.png

(4) User Reviews:

- **Test #1: Not-Logged In**
 - As a guest, open the app
 - Click on a book or search for a specific book [ex. **Harry Potter**]
 - Should see reviews if available from other users or be the first to review the book
 - Type text into the text box
 - Increment rating slider

- Click the "Submit" button
- Should see an error message on the Book display pop-up Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/GuestReview.png**
- **Test #2: Logged In**
 - Open the app
 - Log in
 - Click on [ex. **Harry Potter**]
 - Should see 2 reviews
 - Type text into the box
 - Increment rating slider
 - Click the "Submit" button
 - Should see the review on the screen and the rating average increase Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/SubmitReview.png**
 - Click out of the review pop-up window

(5) Book Information:

- Open the app
- Click on a book from the landing or can search for a specific book [ex. **Harry Potter**]
- Should see the title, image, author, genre, isbn#, description, rating slider, review text box, and review screen Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/BookInfo.png**

(6) Favourites:

Test #1: Not Logged In

- Open the app
- Click the "Favourite" button on books in landing or from search view [ex. **Harry Potter**] Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png**
- Should see a pop-up message telling you to sign up Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/LandingPage.png**

Test #2: Logged In

- Open the app
- Log in Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/ValidLogin.png**
- Click the "Favourite" button on the landing page or from the search view [ex. **Harry Potter**]
- The "Favourite" button should turn into the "Remove" button Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/FavBook.png**
- Click the "Profile" button on the navbar
 - **[Book Name You favourited]** should be displayed in the "Favourite Books" panel with a "Remove" button Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/FavBookProfile.png**
 - Click the "Remove" button on **[Book Name ?]**
 - **[Book Name You favourited]** should be removed from the "Favourite Books" panel Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/Profile.png**

- Click the “Home” button on the navbar
- The “Favourite” button should be back on **[Book Name You favoured]** Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/RemoveFavBook.png**

(7) Add New Book:

Test #1: Not Logged In

- Open the app
- and search for a specific book **[ex. Hunger Games]**
- There should be no results matched, and you should see a message and button to add a book that is not in the catalogue to a wish list Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/GuestNoResults.png**
- Click on the “Add book!” button and there should be a pop-up form for the user to enter the information about the book they would like to see on the app.
- The user can enter the details like book title and click Add book in the pop-up form and will see a message that requires the user to log in. Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/GuestAddWishlist.png**
- You can close the popup window and continue using the app or log in as done in Test2

Test #2: Logged In

- Open the app
- Login with valid credentials
- Go back to the home screen and search for a specific book **[ex. Hunger Games]**
- There should be no results matched, and you should see a message and button to add a book that is not in the catalogue to a wish list Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/GuestNoResults.png**
- Click on the “Add book!” button and there should be a pop-up form for the user to enter the information about the book they would like to see on the app.
- The user can enter the details like book title and click “Add book” in the pop-up form and will see the message that the book is added! Refer to → **SamePage/src/test/java/com/eecs3311/EndtoEndTests/AddWishList.png**
- Close the pop-up and continue using the app

(8) Find Friends & Viewing Friends Details:

- Open app
- Log in
- Click the “Social” button on the navbar
- Should be redirected to a new page, refer to → **SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_On_Load.png**
- Social Page:
 - Click on Jane_Smith's profile picture
 - A pop-up of user info should be shown
 - Should see the username, number of followers and how many following, and a list of the user's favourite books, refer to → **SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_On_Profile_Click.png**
 - Exit out of the Pop-up view
 - Click the “Follow” button on Jane_Smith

- The “Follow” button should turn grey with the text “Unfollow”
 - On-screen, Jane_Smith’s follower count should increase by 1, refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Followed_Account.png
- Click on Jane_Smith’s user profile
 - The follower count should increase, refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Increased_Follower_Count.png
 - Exit out of the Pop-up view
- Click the “Unfollow” button on Jane_Smith
 - Follow count should decrease, refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Increased_Follower_Count.png
- Search
 - Test 1) In the search bar, enter “o” and click the “Enter” button
 - Should see 2 accounts refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Search_Input_O.png
 - Test 2) Remove the search and click “Enter” to reset the results
 - Should see all registered users refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_On_Load.png
 - Test 3) On the drop-down menu, select “My Followers” and click the “Enter” button
 - Should see 3 accounts refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Filter_MyFollowers.png
 - Test 4) On the drop-down menu, select “My Following” and click the “Enter” button
 - Should see 3 accounts refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Filter_MyFollowing.png
 - Test 5) While the filter is on “My Following”, in the search bar enter “a”
 - Should see 1 account “David_Kim” refer to →
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/SocialPage_Filter_MyFollowing.png
- Profile
 - Click on the “Profile” button to go to the profile screen
 - Should see your own follower count
 - Should be 3 – matches the number of people from **Search/Test1** refer to
SamePage/src/test/java/com/eecs3311/End2EndTesting/images/ProfilePage_Default_OnLoad.png

(9) User Goals:

- Open the app
- Log in Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/ValidLogin.png
- Click on the Profile button on NavBar Refer to →
SamePage/src/test/java/com/eecs3311/EndtoEndTests/Profile.png
- Modify and add the number of books read by clicking ' + ' on the profile page Refer to
→ **SamePage/src/test/java/com/eecs3311/EndtoEndTests/AddGoals.png**