

## 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
- Next time the user logs in, the app manages the wishlist and populates the list on their profile page

## (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**