

Team 3: Indecisive Coders

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Use your sequence diagrams, functional requirements to **generate 8 test cases for your application**. Remember Chapter 8 is full of examples of different types of testing. Test cases are written and they demonstrate some feature and must pass or fail. They are simple atomic operations directly related to features. Page 234 gives an example of what goes inside an automated test, and page 83 gives you a written out example of a test case as well.

Example from the textbook:

Test 4: Dose checking

Input:

1. A number in mg representing a single dose of the drug.
2. A number representing the number of single doses per day.

Tests:

1. Test for inputs where the single dose is correct but the frequency is too high.
2. Test for inputs where the single dose is too high and too low.
3. Test for inputs where the single dose * frequency is too high and too low.
4. Test for inputs where single dose * frequency is in the permitted range.

Output:

OK or error message indicating that the dose is outside the safe range.

Test 1: Posting a Review

Input:

1. An input for the subject.
2. An input for the paragraph text box.
3. A selection for the stars.

Tests:

1. Tests for whether the user is logged in or not.
2. Test for inputs where the subject has an input.
3. Tests for whether the user has indicated how many stars they want for the review.

Output:

Submitted or error message indicating blank fields.

Test 2: Login

Input:

1. An input for the username
2. An input for the password

Tests:

1. Test for login with incomplete credentials
2. Test for login with incorrect credentials
3. Test for registered users who log in with valid credentials

Output:

Login successful or invalid password and/or username

Test 3: Create Account

Input:

1. An input for the username
2. An input for the password

Tests:

1. Test for registration with incomplete credentials
2. Test for registration with incorrect credentials
3. Test for registration with credentials already registered
4. Test for registration with valid credentials

Output:

Successful account registration and logged in, or invalid credentials

Test 4: Searching for a Business / Product / Restaurant

Input:

1. User searches using Business name
2. User searches using Product name
3. User searches using Restaurant name

Tests:

1. Tests for Businesses, Products, and Restaurants that have not been added to the API calls
2. Tests for Businesses, Products, and Restaurants that are sold or offered in several locations
3. Test for Businesses, Products, and Restaurants to be displayed by the most updated posts

Output:

Relevant results are displayed in the user's dashboard

Test 5: Leaving Comment

Input:

1. Input a comment on a review
2. Input comment button to submit comment

Tests:

1. Test for posting an empty comment.
2. Test for posting a comment without a subject.
3. Test for posting a comment without a rating.

Output:

Comment is successfully posted and visited by the public

Test 6: Edit business profile information

Input:

1. Input for the user has clicked on the button to modify.
2. Input for the change.
3. Input for confirmation of the change.

Tests:

1. Test for whether the field has changed.
2. Test for the user whether they pushed the button to modify.
3. Test for the user whether they confirm the changes or not.

Output:

Changes saved successfully or error.

Test 7: Edit user profile information

Input:

1. Input whether the user has clicked to edit profile information
2. Input whether the user has not clicked the edit profile information

Tests:

1. Input validation meets the standard criteria
2. Input confirms confirmation of change

Output:

The system gives confirmation indicating a successful change of profile information

Test 8: User receives notification from response/reply

Input:

1. A response has been created from a user post/comment.
2. A response has not been created for any user post/comment.

Tests:

1. Test for reply notifications for users who are eligible to receive.
2. Test for new review notifications for business owners.

Output:

Notification will pop up or nothing will happen