

G.R.E.G.G: Testing Results

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1. Test Results

1.1. Application Startup

1.1.1. Launch the application.

1.1.1.1. Results

1.1.1.2. Inputs and Expected Outputs

1.1.1.2.1.

Input Field	Input	Actual Output	Result
Touching device.	Clicking the application.	The application opens to the login screen.	Test passed

1.2. Login Page

1.2.1. Attempt login with incorrect password.

1.2.1.1. Results

1.2.1.2. Inputs and Outputs Expected

Input Field	Input Value	Information Accepted	Expected Output	Result
Username	email@email.com	True	-	-
Password	wrong_password	False	Login Failed	Test passed

1.2.1.3. Requirements Covered: RS 3.2.1.1.1

1.2.2. Attempt login with incorrect email.

1.2.2.1. Results

1.2.2.2. Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output	Result
Username /email	herbie@huskers.unl.edu	False	Login Failed	Test passed
Password	asdfgh	False	Login Failed	Test passed

1.2.3. Attempt login with blank input fields.

1.2.3.1. Results

1.2.3.1.1. Failure observed: The test case failed and a user was able to enter the application by pressing log in with nothing in the login and password field.

1.2.3.2. Inputs and Expected Outputs

Input Fields	Input Value	Information Accepted	Expected Output	Result
Username	-	false	Login Failed	-
Password	-	false	Login Failed	Test failed

1.2.4. Attempt to navigate to registration page.

1.2.4.1. Results

1.2.4.2. Input and Expected Output

Input Fields	Input	Information Accepted	Expected Output	Result
Button	Press registration button	True	Navigated to registration page	Test Passed

1.2.5. Attempt to login with correct login information.

1.2.5.1. Results

1.2.5.2. Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output	Result
Username	email@email.com	True	Map screen loaded	Test Passed
Password	12345	True	Map screen loaded	Test Passed

1.3. Registration Page

1.3.1. Attempt to create a password with username and password.

1.3.1.1. Results

1.3.1.2. Inputs and Expected Outputs

Input Field	Input	Input Accepted	Expected Output	Result
Username/email	test@email.com	True	Account created	Test Passed
Password	123456	True	Account created	Test Passed

1.3.2. Attempt to create a account with an already existing username.

1.3.2.1. Results

1.3.2.1.1. Failure observed: the application will let someone create an account with a username already in use, however, it won't let them later log in with that information. Instead it'll reference the first use of that username for a password.

1.3.2.2. Inputs and Expected Outputs

Input Field	Input	Input Accepted	Expected Output	Result
Email	email@fake.	True	Account	Test Passed

	com		Created	
Password	12345	True	Account Created	Test Passed
Email	email@fake.com	False	Username Already in Use	Test Failed

1.4. View Map

1.4.1. Check that the map loads on the application screen.

1.4.1.1. Results

1.4.1.2. Inputs and Expected Outputs

Input Field	Input	Input Accepted	Expected Output	Result
Username	email@email.com	True	Map loads	Test passed
Password	12345	True	Map loads	Test passed

1.4.2. Check that map is navigable by the user, i.e., they can move the map to look at different areas.

1.4.2.1. Results

1.4.2.2. Inputs and Expected Outputs

Input Field	Input	Input Accepted	Expected Output	Result
Touch	Use finger to move map.	True	Map moves.	Test passed

1.5. Place Food Pin

1.5.1. Attempt to place pins at all 80 buildings, with a description

1.5.1.1. Results

1.5.1.2. Inputs and Expected Values

Input Value	Expected Output	Result
Food pin with a description attached to a building	The pin is added to the database with the description	Test passed
Food pin without a descriptions that's attached to a building	The pin is added to the database with the description field left empty	Test passed

1.6. Place Free Stuff Pin

1.6.1. Attempt to place a free stuff pin at all 80 buildings, with a description

1.6.1.1. Results

1.6.1.2. Inputs and Expected Outputs

Input Value	Expected Output	Result
Free Stuff pin with a description attached	The pin is added to the database with	Test passed

to a building	the description	
Free Stuff pin without a descriptions that's attached to a building	The pin is added to the database with the description field left empty	Test passed

1.7. View Map with Pins

1.7.1. Insure that pins show up after pin creation.

1.7.1.1. Results

1.7.1.2. Inputs and Expected Values

Input Field	Input Value	Expected output	Result
Free Food Pin	Pin at a building	The pin shows up at the location on the map	Test passed
Free Stuff Pin	Pin at a building	The pin shows up at the location on the map	Test passed
No Pin	None	No pin will show up	Test passed

1.7.2. Insure pins still show after logout and login.

1.7.2.1. Results

1.7.2.2. Inputs and Expected Values

Input Value	Expected output	Result
Free Food Pin at a building	The pin shows up at the location on the map	Test passed
Free Stuff Pin at a building	The pin shows up at the location on the map	Test passed
None	No pin will show up	Test passed

1.7.3. Insure pins from other users show up.

1.7.3.1. Results

1.7.3.2. Inputs and Expected Values

Input	Expected Output	Result
Free Food Pin at a building	The pin shows up at the location on the map	Test passed
Free Stuff Pin at a building	The pin shows up at the location on the map	Test passed
None	No pin will show up	Test passed

1.8. Database Testing

1.8.1. Users are created accurately and stored correctly.

1.8.1.1. Results

1.8.1.2. Inputs and Expected Outputs

Input Value	Expected Output	Result
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No users are created	This database table is null	Test passed
One user is created	The user table will have one entry	Test passed
Multiple users are created	The user table will have multiple entries	Test passed

1.8.2. Pins are created accurately and stored correctly.

1.8.2.1. Results

1.8.2.2. Inputs and Expected Outputs

Input Value	Expected Results	Result
No pins are dropped in the application	The pins table is empty	Test Passed
One pin is dropped in the application	The pins table contains one entry, covering fields of type, building, user, and description.	Test Passed*
Multiple pins are dropped by one user in the application	The pins table contains multiple entries with user being the same on all of them, along with type, building, and description	Test Passed*
Multiple pins are dropped by multiple users in the application	The pins table contains multiple entries with covering fields user, type, building, and description.	Test Passed*

*- free stuff pins always have "username" in the username field because of a placeholder left in the code; food pins work as expected

1.8.3. Buildings are all present in application

1.8.3.1. Results

1.8.3.2. Inputs and Expected Outputs

1.8.3.2.1. Disclaimer: Since there are several dozen buildings on all of UNL's three campuses, we combined the test cases that worked and those that failed for space efficiency and redundancy.

Input Field	Input	Input Accepted	Expected Output	Result
Building Name	Broyhill Fountain, Union, Greenspace, Selleck, Library commons, Love library Avery Hall, Schorr Center, Memorial Stadium, City Campus Recreation Center, Health Center, Henzlik, Coliseum, Morrill Hall, Teachers Hall, Mabel Lee Fields, Mueller Tower, Bessey Hall, Oldfather Hall, Hamilton Hall, Manter Hall, Richards Hall, Westbrook Music Building, Architecture Hall, Kimball Recital Hall, The Lied Center, Sheldon Art Museum, Temple Building,	True	<building name> is located in database.	Test Passed

	<p> The Ross Center, Knoll, University Suites, Eastside Suites, Neihardt, Courtyards, Abel-Sandoz, Othmer Hall, Jorgensen Hall, The Village, Beadle Center, Scott Engineering Center, Vine Street Fields, Wick Alumni Center, Innovation campus, Devaney Center, Dairy Store, East Campus Union, CY Thompson Library, Animal Science complex, Ag sciences, East campus rec, Hardin Hall, Chase Hall, Entomology Hall, Home Economics Hall, Plant Science Hall, Delta Upsilon, Sigma Chi, Alpha Chi Omega, Chi Omega, Delta Tau Delta, Phi Mu, Kappa Kappa Gamma, Kappa Kappa Theta, Alpha Omicron Pi, Alpha Phi, Gamma Phi, Tri Delta, Alpha Xi Delta, Alpha Delta Pi, Beta Theta Pi, Alpha Tau Omega, Fiji, Pi Kappa Phi, Alpha Gamma Rho, </p>			
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	Alpha Gamma Nu			
Building Name	Harper, Harper Dining, Mabel Lee, Schramm, Smith	True	<building name> is located in database.	Test Failed