

Task2 Test Log

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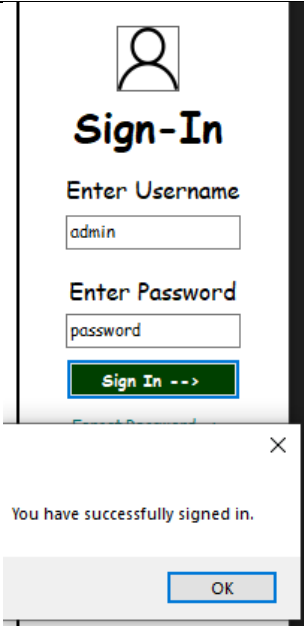
Test Approach/Type of Testing..... 2

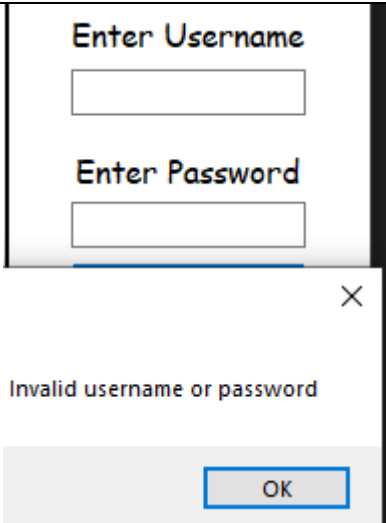
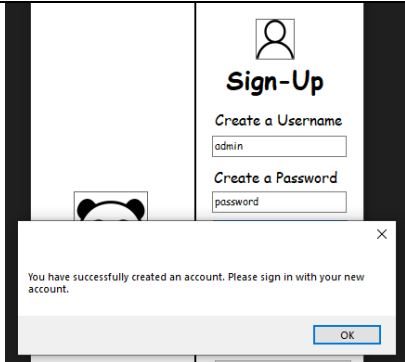
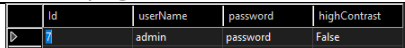
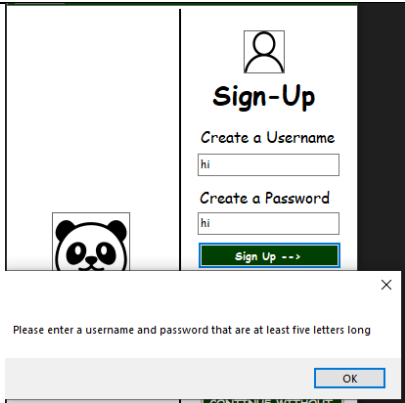
Test Table 2

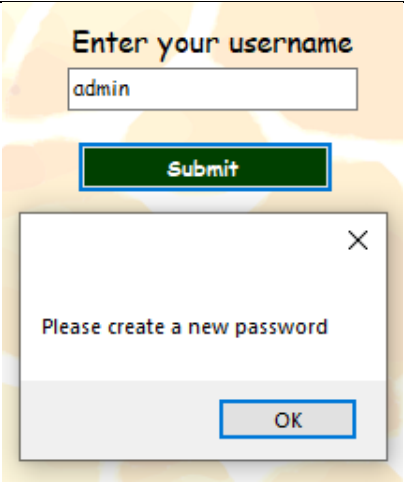
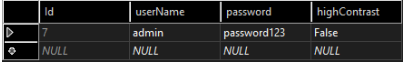
Test Approach/Type of Testing

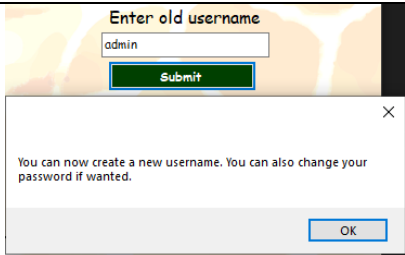
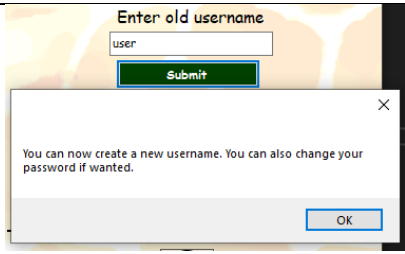
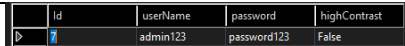
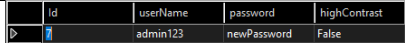
As an approach to testing my application, I will use a mixture of white box and black box testing. I will use white box testing to test the internal structure of the application and I will use black box testing to test the input/outputs.

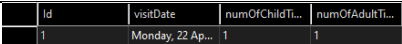
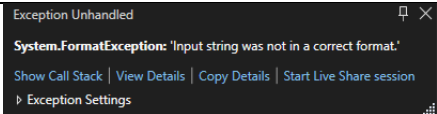
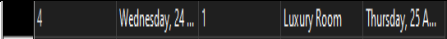
Test Table

Version Number	Test Location	Description of test	Test Type	Test Data	Expected Outcome	Actual Outcome	Comments/Fixes
V1.0	Sign In Page	Check to see if the sign in page is navigable	Valid		<p>The sign in page should navigate the user to the pages that the navbar links/icons link to.</p> <p>The sign in page should also allow the user to navigate to a forgot password, sign up and home page without sign in.</p>	The sign in page is navigable. It redirects the user to the specific page that the specific navbar link/icon/link links to.	N/A
V1.0	Sign In Page	Check to see if the sign in page redirects the user to the home page if they enter a valid username and password.	Valid	'Admin' 'Password'	The sign in page should work as intended.	 <p>The screenshot shows the 'Sign-In' page with fields for 'Enter Username' (containing 'admin') and 'Enter Password' (containing 'password'), and a 'Sign In -->' button. Below it is a modal message box that says 'You have successfully signed in.' with an 'OK' button.</p>	Hashing needs to be implemented in a later version of the application to ensure that the stored userDetails are encrypted to make accounts more secure.
						The page works as intended.	V1.01 – Hashing implemented.



V1.0	Sign In Page	Check to see if the sign in page rejects an invalid/null username and password	Invalid	Null inputs	The sign in page should work as intended.	 <p>The page works as intended.</p>	N/A
V1.0	Sign Up Page	Check to see if the sign-up page redirects the user to the sign in page if they enter a valid username and password for account registration.	Valid	'Admin' 'Password'	The sign-up page should work as intended.	 <p>The page works as intended.</p>	N/A
V1.0	Sign Up Page	Check to see if the sign-up page records the registered username and password and saves it to the user Details database.	Valid	'Admin' 'Password'	The sign-up page should work as intended.	 <p>The page works as intended.</p>	N/A
V1.0	Sign Up Page	Check to see if the sign-up page rejects a username and/or password that is too short or long for registration.	Invalid	'hi' 'hi'	The sign in page should work as intended.	 <p>The page works as intended.</p>	After displaying the first message box, it displays a message box saying that the user has successfully created an account and it redirects the user to the home page of the application. V1.01: Fixed by putting the code into a loop and breaking when the user details

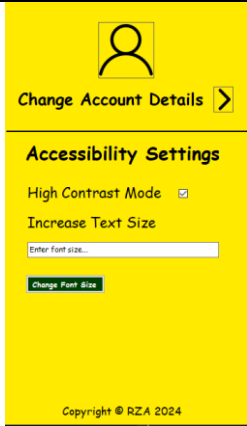
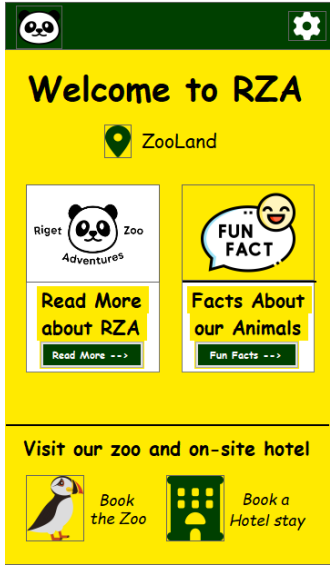
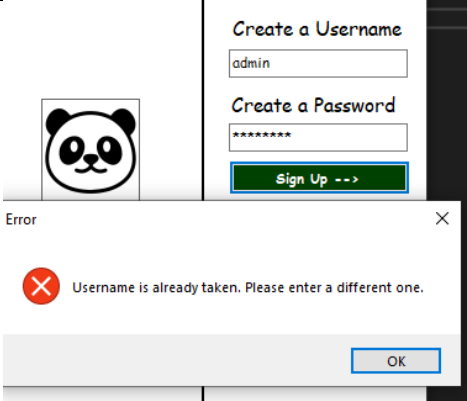
							are invalid for registration.
V1.0	Forgot Password Page	Check to see if the forgot password page allows you to reset your password if a valid username is entered.	Valid	'admin'	The reset password page should work as intended.	 <p>The page works as intended.</p>	N/A
V1.0	Forgot Password Page	Check to see if the forgot password page restricts the user from resetting their password if they enter an invalid username.	Invalid	'spongebob'	The reset password page should work as intended.	The page does not work as intended.	<p>The validation line is running but also is the lines of code that allows the user to reset their password.</p> <p>V1.02 – Fixed the issue by making a temporary search Boolean and while looping through the sequence of code and breaking the loop where an error message is found. I placed an if statement outside the while loop that checks to see if the temporary Boolean's value is false to throw an error message box.</p>
V1.0	Forgot Password Page	Check to see if the forgot password page updates the record of the user with the updated password.	Valid	'admin' 'password123'	The reset password page should work as intended.	 <p>The page works as intended.</p>	N/A

V1.0	Change Account Details Page	Check to see if the change account details page accepts a valid existing username and allows the user to change their username and password when one is entered.	Valid	'admin'	The change account details page should work as intended.	 <p>The page works as intended.</p>	N/A
V1.0	Change Account details page	Check to see if the change account details page restricts the user from changing their username or password if they enter an invalid existing username.	Invalid	'user'	The change account details page should work as intended.	 <p>The code does not work as intended.</p>	V1.02 – Fixed the issue by making a temporary search Boolean and while looping through the sequence of code and breaking the loop where an error message is found. I placed an if statement outside the while loop that checks to see if the temporary Boolean's value is false to throw an error message box.
V1.0	Change Account details page	Check to see if the change account details page updates the user's record in the userDetails database with their new username.	Valid	'admin' – old username 'admin1'3' – new username	The change account details page should work as intended.	 <p>The code works as intended.</p>	N/A
V1.0	Change Account details page	Check to see if the change account details page updates the user's record in the userDetails	Valid	'admin' 'newPassword'	The change account details page should work as intended.	 <p>The code works as intended.</p>	N/A

		database with an updated password.					
V1.0	ZooBooki ngPage	Check to see if the zoo booking page writes to the ZooBookingDe tails database when valid booking details are entered.	Valid	Valid date of visit, number of child tickets and number of adult tickets.	The zoo booking page should work as intended.	 The code works as intended.	N/A
V1.0	ZooBooki ngPage	Check to see if the zoo booking page rejects invalid/null inputs from being written to the ZooBookingDe tails database. It should also stop the user from completing a booking.	Invalid	Null inputs.	The zoo booking page should work as intended.	 The code breaks. It does not work as intended.	The code should throw a message box error message. V1.01: Fixed the issue by adding try catch to the block of code with the exception being that not all booking details have been provided.
V1.0	HotelBoo kingPage	Check to see if the hotel booking page writes to the HotelBookingD etails database when valid booking details are entered.	Valid	Valid check-in date, check-out date, number of residents,room type.	The hotel booking page should work as intended.	 The code works as intended.	N/A
V1.0	HotelBoo kingPage	Check to see if the hotel booking page rejects invalid/null inouts from being written to the ZooBookingDe tails database. It should also stop the user	Invalid	Null inputs.	The hotel booking page should work as intended.	 The code breaks. It does not work as intended.	N/A V1.01 - Fixed the issue by adding try catch to the block of code with the exception being that not all booking details have been provided.

		from completing a booking.					
V1.0	OrderSummaryPage	Check to see if the order summary page displays an order summary for the hotel booking.	Valid	Make valid hotel booking. Click on 'Get Order Summary' button.	The order summary page should work as intended.	<div><h3>Hotel</h3><div>Check-In Date Monday, 22 April, 2024</div><div>Check-Out Date Wednesday, 24 April, 2024</div><div>Number of residents 1</div><div>Room Type Luxury Room</div><div>Get Order Summary</div></div> <p>The code works as intended.</p>	N/A
V1.0	OrderSummaryPage	Check to see if the order summary page displays an order summary for the zoo booking.	Valid	Make valid zoo booking. Click on 'Get Order Summary' button.	The order summary page should work as intended.	<div><h3>Zoo</h3><div>Visit Date Monday, 22 April, 2024</div><div>Number of child tickets 1</div><div>Number of adult tickets 1</div><div>Get Order Summary</div></div> <p>The code works as intended.</p>	N/A
V1.0	AnimalFactsPage, BearFactsPage, GiraffeFactsPage, LionFactsPage, MonkeyFactsPage.	Check to see if all these pages are navigable.	Valid	Button clicks on navbar links, buttons/icons on the form.	The pages should work as intended.	All these pages are navigable. They redirect the user to the necessary page that the specific navbar links/icons/form links link to.	N/A
V1.0	BookingTypePage	Check to see if the page is navigable	Valid	Button clicks on navbar links and buttons on form.	The hotel booking page should work as intended.	The page works as intended.	N/A
V1.0	ZooInfoPage	Check to see if the page is navigable.	Valid	Button clicks on navbar links and buttons on form.	The zoo info page should work as intended.	The zoo info page works as intended.	N/A
V1.01	Sign Up Page	Check to see if the sign-up page stores the registered passwords as hashes in the userDetails database.	Valid	'hashTest'	The sign-up page should work as intended.	<div>hashTest\$2a\$10\$WZzLwBBj.p...</div> <p>The code works as intended.</p>	N/A

V1.01	Sign In Page	Check to see if the sign in page converts the user-inputted password for sign in into a hash so that it can be compared to the hashed password stored in the userDetails database.	Valid	'hashTest'	The sign-in page should work as intended.	 The code works as intended.	N/A
V1.02	All pages	Check to see if the AccessibilityHelper runs as intended.	Valid	Valid font size input on settings page.	The accessibility helper class should work as intended and set a font size for the common controls across all the forms in the application.	The code did not work as intended. AccessibilityHelper was null. The forms of the application were not displaying correctly.	Check program.cs error. Investigate why the value of the accessibilityHelper instance is null. (Fixed in version 1.03)
V1.03	All pages	Check to see if the AccessibilityHelper runs as intended.	Valid	Valid font size input on settings page.	The accessibility helper class should work as intended and set a font size for the common controls across all the forms in the application.	 The code works as intended.	N/A

V1.04	All pages where the user is signed into the application.	Check to see if the high contrast mode works as intended.	Valid	Check the high contrast mode checkbox on the settings page.	The high contrast mode should work by applying high contrast to all the pages where the user is signed into the application.	<div>  The code works as intended.</div>	N/A
V1.04	Sign-Up Page	Check to see if input validation prevents the user from registering an account with an identical username that is stored in the userDetails database.	Invalid	'Admin' 'password123'	The sign-up page should work as intended.	<div> The code works as intended.</div>	N/A

V1.04	Change Account Details Page	Check to see if input validation prevents the user from changing their username if an identical username that is stored in the userDetails database.	Invalid	'admin12345'	The change account details page should work as intended.	<div><div><div>Enter old username</div><div>admin12345</div><div>Submit</div><div>Create your new username</div><div>admin12345</div></div><div>Error<div><div>✖</div><div>Username is already taken. Please enter a different one.</div><div>OK</div></div></div><div>The code works as intended.</div></div>	N/A
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