Task2 Test Log

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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	Test	Description	Test	Test Data	Expected	Actual Outcome	Comments/Fixes
Number	Location	of test	Type		Outcome		
V1.0	Sign In Page	Check to see if the sign in page is navigable	Valid		The sign in page should navigate the user to the pages that the navbar links/icons link to.	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
					The sign in page should also allow the user to navigate to a forgot password, sign up and home page without sign in.		
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	ʻAdmin' ʻPassword'	The sign in page should work as intended.	Sign-In Enter Username admin Enter Password password sign In> You have successfully signed in. OK The page works as intended.	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. 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.	Enter Username Enter Password X Invalid username or password OK The page works as intended.	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.	Sign-Up Create a Username admin Create a Password password X You have successfully created an account. Please sign in with your new account. The page works as intended.	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.	Id userName password highContrast	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	ʻhi' ʻhi'	The sign in page should work as intended.	Sign-Up Create a Username hi Create a Password hi Sign Up> Please enter a username and password that are at least five letters long The page works as intended.	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.	Enter your username admin Submit X Please create a new password OK The page works as intended.	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.	The validation line is running but also is the lines of code that allows the user to reset their password. 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	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.	Id userName password highContrast 7 admin password123 False NULL NULL NULL NULL The page works as intended.	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.	You can now create a new username. You can also change your password if wanted. The page works as intended.	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	ʻuser'	The change account details page should work as intended.	Submit You can now create a new username. You can also change your password if wanted. The code does not work as intended.	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.	Id userName password highContrast	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.	Id userName password highContrast admin123 newPassword False The code works as intended.	N/A

		database with					
		an updated					
V1.0	ZooBooki	password. Check to see if	Valid	Valid date of visit,	The zoo	ld visitDate numOfChildTi numOfAdultTi	N/A
V1.0	ngPage	the zoo	Vallu	number of child	booking page	1 Monday, 22 Ap 1 1	N/A
	ligrage	booking page		tickets and number	should work	The code works as intended.	
		writes to the		of adult tickets.	as intended.		
		ZooBookingDe		or addit tickets.	as interioca.		
		tails database					
		when valid					
		booking					
		details are					
		entered.					
V1.0	ZooBooki	Check to see if	Invalid	Null inputs.	The zoo	Exception Unhandled Ψ $ imes$	The code should
	ngPage	the zoo		·	booking page	System.FormatException: 'Input string was not in a correct format.'	throw a message box
		booking page			should work	Show Call Stack View Details Copy Details Start Live Share session > Exception Settings	error message.
		rejects			as intended.	The code breaks. It does not work as	
		invalid/null				intended.	V1.01: Fixed the issue
		inputs from					by adding try catch to
		being written					the block of code with
		to the					the exception being
		ZooBookingDe					that not all booking
		tails database.					details have been
		It should also					provided.
		stop the user					
		from					
		completing a booking.					
V1.0	HotelBoo	Check to see if	Valid	Valid check-in date,	The hotel	4 Wednesday, 24 1 Luxury Room Thursday, 25 A	N/A
V 1.0	kingPage	the hotel	Valla	check-out date,	booking page	The code works as intended.	IV/A
	Kirigi age	booking page		number of	should work	The code works as intended.	
		writes to the		residents,room	as intended.		
		HotelBookingD		type.			
		etails database		,,			
		when valid					
		booking					
		details are					
		entered.					
V1.0	HotelBoo	Check to see if	Invalid	Null inputs.	The hotel	Exception Unhandled System.FormatException: 'Input string was not in a correct format.'	N/A
	kingPage	the hotel			booking page	Show Call Stack View Details Copy Details Start Live Share session	
		booking page			should work	> Exception Settingsii	V1.01 - Fixed the issue
		rejects			as intended.	The code breaks. It does not work as	by adding try catch to
		invalid/null inouts from				intended.	the block of code with
		being written					the exception being that not all booking
		to the					details have been
		ZooBookingDe					provided.
		tails database.					provided.
		It should also					
1	1		I	I	1	<u> </u>	

		from completing a					
V1.0	OrderSum maryPage	booking. 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.	Hotel Check-In Date Monday, 22 April, 2024 Check-Out Date Wednesday, 24 April, 2024 Number of residents 1 Room Type Luxury Room Get Order Summary The code works as intended.	N/A
V1.0	OrderSum maryPage	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.	Zoo Visit Date Monday, 22 April, 2024 Number of child tickets 1 Number of adult tickets 1 Get Order Summary The code works as intended.	N/A
V1.0	AnimalFa ctsPage, BearFacts Page, GiraffeFac tsPage, LionFacts Page, MonkeyF actsPage.	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	BookingT ypePage	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	ZooInfoPa ge	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.	hashTest \$2a\$10\$WZzLwBBj.p The code works as intended.	N/A

1/4 04	6: 1	Charle 15	17.11	(11	Th		B1/A
V1.01	Sign In	Check to see if	Valid	'hashTest'	The sign-in	Q 	N/A
	Page	the sign in			page should		
		page converts			work as	Sign-In	
		the user-			intended.	Enter Username	
		inputted				hashTest	
		password for				nasn rest	
		sign in into a				Enter Password	
		hash so that it				******	
		can be				×	
		compared to					
		the hashed				You have successfully signed in.	
		password					
		stored in the				ОК	
		userDetails				The code works as intended.	
		database.					
V1.02	All pages	Check to see if	Valid	Valid font size	The	The code did not work as intended.	Check program.cs
		the		input on settings	accessibility		error.
		AccessibilityHe		page.	helper class	AccessibilityHelper was null.	
		lper runs as			should work		Investigate why the
		intended.			as intended	The forms of the application were not	value of the
					and set a	displaying correctly.	accessibilityHelper
					font size for	, , ,	instance is null.
					the common		
					controls		(Fixed in version 1.03)
					across all the		(
					forms in the		
					application.		
V1.03	All pages	Check to see if	Valid	Valid font size	The		N/A
12.00	7 pages	the		input on settings	accessibility	\bowtie	,,.
		AccessibilityHe		page.	helper class	Change Account Details	
		lper runs as		1 0-	should work		
		intended.			as intended	Accessibility Settings	
					and set a	High Contrast Mode □	
					font size for	Increase Text Size	
					the common	16	
					controls	Change	
					across all the		
					forms in the		
					application.		
					аррисаціон.	Copyright © RZA 2024	
						The code works as intended.	

V1.	where the	Check to see if the high	Valid	Check the high contrast mode	The high contrast	Q	N/A
	user is	contrast mode		checkbox on the	mode should	Change Account Details >	
	singed	works as		settings page.	work by	Accessibility Settings	
	into the	intended.			applying high	High Contrast Mode □	
	applicatio n.				contrast to all the pages	Increase Text Size	
	11.				where the	Enter font size	
					user is	Charge Font Size	
					signed into		
					the		
					application.	Copyright ® RZA 2024	
						②	
						Welcome to RZA	
						ZooLand	
						Read More Riget 200 Zoo FUN FACT FACT Facts About	
						about RZA Read More> Pun Facts>	
						Visit our zoo and on-site hotel	
						Book a Hotel stay	
						The code works as intended.	
V1.	04 Sign-Up Page	Check to see if input	Invalid	'Admin' 'password123'	The sign-up page should	Create a Username	N/A
		validation			work as	Create a Password	
		prevents the			intended.	6.9	
		user from				Sign Up>	
		registering an account with				Error ×	
		an identical					
		username that				Username is already taken. Please enter a different one.	
		is stored in the				CV.	
		userDetails				OK	
		database.				The code works as intended.	

V1.04	Change	Check to see if	Invalid	'admin12345'	The change	Enter old username	N/A
	Account	input			account	admin12345	
	Details	validation			details page	Submit	
	Page	prevents the			should work	Create your new username	
		user from			as intended.	admin12345	
		changing their				Error X	
		username if an					
		identical				Username is already taken. Please enter a different one.	
		username that					
		is stored in the				ОК	
		userDetails				The code works as intended.	1
		database.				The code works as interface.	