

Design Documentation

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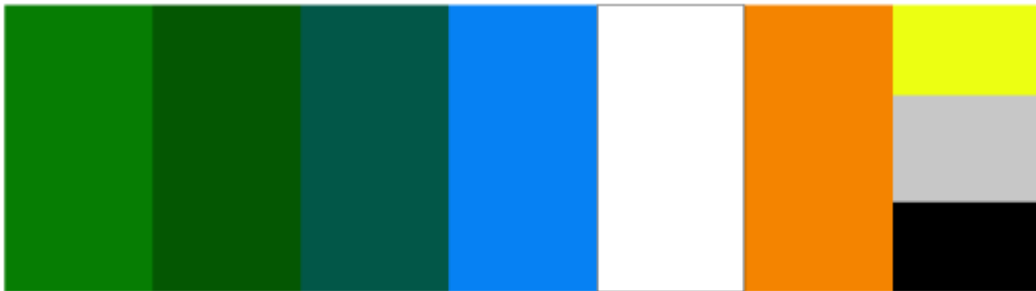
A test strategy.....	20
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Visual/Interface designs

Logo



Colour Scheme



Foreground

Hex Value
#FFFFFF

Color PickerAlpha
1

Lightness

Background

Hex Value
#035748

Color Picker

Lightness

Contrast Ratio
8.53:1
[permalink](#)

Normal Text

WCAG AA: **Pass**
WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Large Text

WCAG AA: **Pass**
WCAG AAA: **Pass**

The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: **Pass**



Text Input

Navigation bar



About ▾

Shop ▾

Map ▾

More ▾



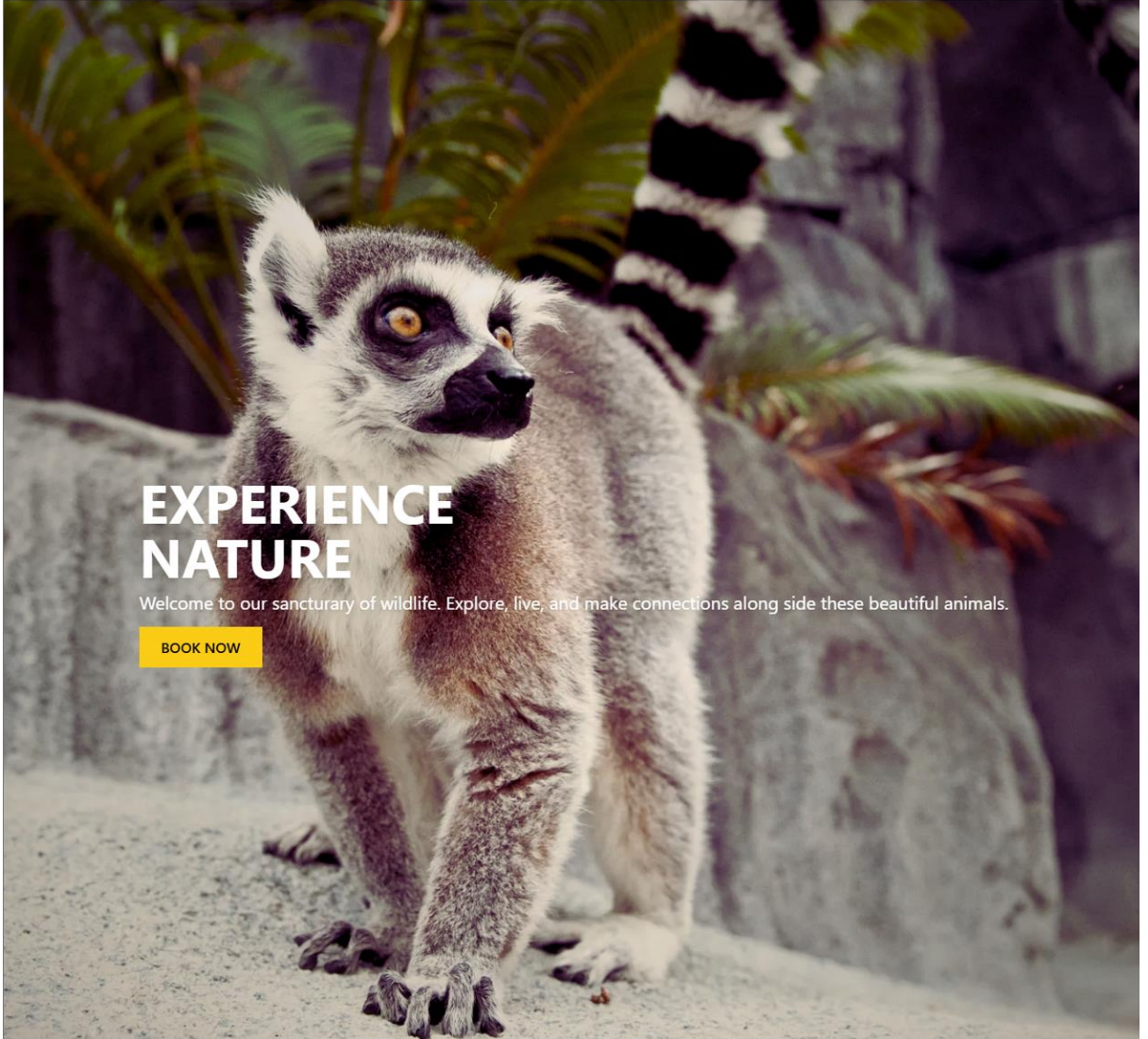
Home Page

[About ▾](#)[Shop ▾](#)[Map ▾](#)[More ▾](#)

EXPERIENCE NATURE

Welcome to our sanctuary of wildlife. Explore, live, and make connections along side these beautiful animals.

[BOOK NOW](#)



[About ▼](#)[Shop ▼](#)[Map ▼](#)[More ▼](#)

Our Mission

At Rigget's Zoo, our mission is to inspire a love for wildlife while fostering conservation, education, and unforgettable experiences. We are dedicated to providing a world-class environment where guests can connect with nature, learn about incredible species, and enjoy a one-of-a-kind adventure.

With our carefully designed exhibits, immersive attractions, and commitment to animal welfare, we strive to create a place where families, nature lovers, and curious minds can explore the wonders of the natural world. Our built-in restaurant and hotel ensure that every visitor can fully enjoy their journey, whether they're here for a day or a weekend getaway.

Beyond entertainment, Rigget's Zoo is passionate about wildlife conservation and sustainability. We support global efforts to protect endangered species, reduce our environmental footprint, and educate future generations about the importance of preserving our planet's biodiversity.

Join us on this incredible mission and be part of a zoo that cares—for animals, for people, and for the future of our world.

Educational Visits Page

[About ▾](#)[Shop ▾](#)[Map ▾](#)[More ▾](#)

Our History


Our history is as vibrant and diverse as the wildlife we care for. Since our founding, we have been dedicated to protecting animals and inspiring a love for natural world. From the start, our mission has been simple yet vital: to create safe and comfortable habitats for every animal in our care while working to save as many species as possible.

Over the years, our zoo has grown, welcoming animals from all corners of the globe and expanding our efforts in conservation and education. We've also created conditions that allow animals to feel as if they are in their natural habitat, helping to provide visitors with unforgettable experiences - bringing people closer to the wonders of wildlife.



To make your visit even more special, we've added a hotel where you can relax and enjoy stunning views of the animals in their naturalistic habitats. Whether you're here for a day or an extended stay, our goal is to create a space where you can connect with nature and make lasting memories.

This journey has been long and rewarding, and we've built this incredible space so you can visit, explore, and share in the joy of our nature.

Booking System



[About ▾](#)[Shop ▾](#)[Map ▾](#)[More ▾](#)




Type	Price	Quantity	Subtotal
Adult Ticket	£12.99	<input type="text" value="0"/>	£0.00
Child Ticket	£7.99	<input type="text" value="0"/>	£0.00
Temp Ticket	£1.00	<input type="text" value="0"/>	£0.00
Total			£0.00



ADD TO CART

Log In/ Register

Login



[About](#) [Shop](#) [Map](#) [More](#)



Welcome

Sign in to access your Rigget Zoo account.


Email

Password



SIGN IN

New to Rigget Zoo? [Create an account](#)

Register



[About](#) [Shop](#) [Map](#) [More](#)



Create an account

To continue, create a Rigget Zoo account.

First Name

Last Name

Email

Date Of Birth

dd/mm/yyyy


Password

Confirm Password

CREATE ACCOUNT

Already have an account? [Sign In](#)

Account details



AboutShopMapMore

Account Details

Account Name

name name

Account E-Mail

name@name.name

Account Settings

Reset Password

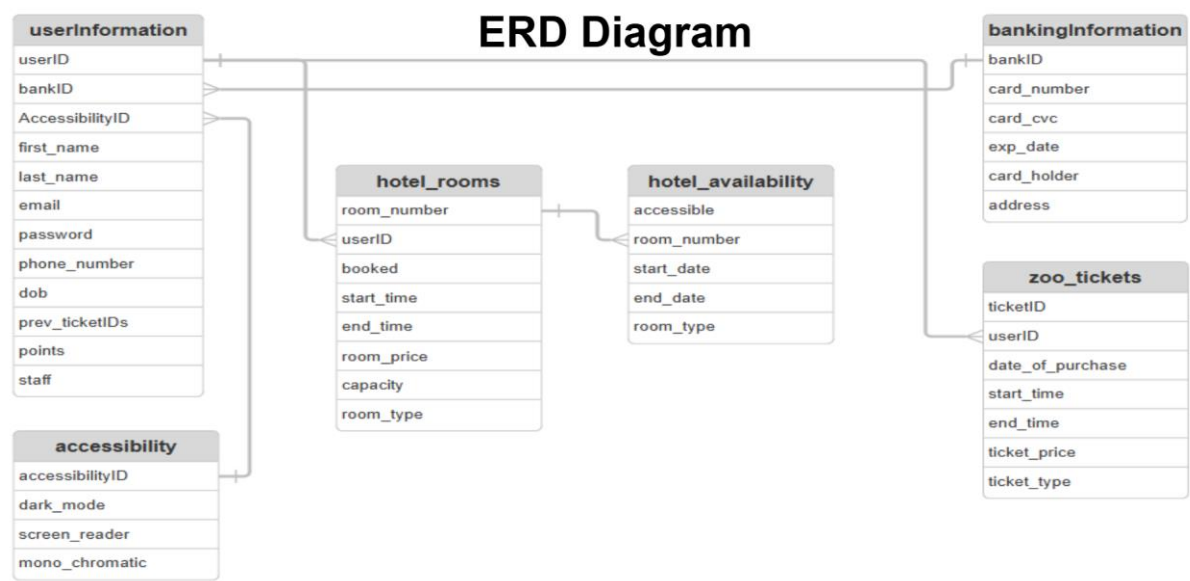
Reset Password

Delete Account







Delete Account



Data requirements

ERD







Data types

userInformation		bankingInformation		zoo_tickets		zoo_availability	
Field	Data Type	Field	Data Type	Field	Data Type	Field	Data Type
userID 	int(11)	bankID 	int(11)	ticketID 	int(11)	date	date
bankID 	int(11)	card_number	varchar	userID 	int(11)	start_time	time
accessibilityID 	int(11)	card_cvc	varchar	date_of_purchase	datetime	end_time	time
first_name	varchar	exp_date	varchar	start_time	datetime	spaces	smallint(3)
last_name	varchar	card_holder	varchar	end_time	datetime	ticket_type	varchar
email	varchar	address	varchar	ticket_price	float(2, 2)		
password	varchar			ticket_type	varchar		
phone_number	varchar						
dob	date						
prev_ticketIDs	varchar						
points	int(11)						
staff	varchar						

 = primary key
 = foreign key

Data Types 2

accessibility		hotel_rooms		hotel_availability	
Field	Data Type	Field	Data Type	Field	Data Type
accessibilityID 	int(11)	room_number 	int(11)	accessible	bool
dark_mode	bool	userID 	int(11)	room_number 	int(3)
screen_reader	bool	booked	bool	start_date	datetime
mono_chromatic	bool	start_time	datetime	end_date	datetime
		end_time	datetime	room_type	varchar
		room_price	float(3, 2)		
		capacity	smallint(1)		
		room_type	varchar		

Data dictionary

userInformation

Data Dictionary - userInformation

Field	Data Type	Data Format	Field Size	Description	Example
userID	Integer	X....	11	The user ID	2
bankID	Integer	X....	11	The key to the user's bank information in the bankingInformation table	3
accessibilityID	Integer	X....	11	The key to the user's accessibility information in the accessibility table	4
first_name	Variable Character	-	50	The user's first name	John
last_name	Variable Character	-	50	The user's last name	Smith
email	Variable Character	xxxxx@xxx.xxx	255	The user's email address	john.smith@gmail.com
password	Variable Character	-	255	The user's password for his/her account	password1234321
phone_number	Variable Character	02x AAAA AAAA	15	The user's phone number	+44 7123 456789
dob	Date	YYYY-MM-DD	-	The user's date of birth	2000-10-31
prev_ticketIDs	Variable Character	X....	11	This is the IDs of the tickets the user has previously purchased	1, 4, 6, 7, 9
points	Integer	-	11	This is the amount of points that the user has accumulated	1234
staff	Variable Character	-	255	This says if they are staff or not, and what type of staff	admin

bankingInformation

Data Dictionary - bankingInformation

Field	Data Type	Data Format	Field Size	Description	Example
bankID	Integer	X....	11	The user's bank ID	2
card_number	Variable Character	-	30	The user's card number	4111111111111111
card_cvc	Variable Character	-	5	The user's card cvc	123
exp_date	Variable Character	-	50	The user's card expiry date	10/26
card_holder	Variable Character	-	255	The name on the user's card	Mr. John Smith
address	Variable Character	-	255	The user's billing address	Ian McSheerman, 20 Prince Street, London, SW4 0SB

zoo_tickets

Data Dictionary - zoo_tickets

Field	Data Type	Data Format	Field Size	Description	Example
ticketID	Integer	X....	11	The ticket ID	2
userID	Integer	X....	11	The user's ID of who the ticket belongs to	3
date_of_purchase	Datetime	YYYY-MM-DD HH:MM:SS	-	When the ticket was purchased	2020-12-31 23:59:59
start_time	Datetime	YYYY-MM-DD HH:MM:SS	-	The start time of the user's ticket	2020-12-31 23:59:59
end_time	Datetime	YYYY-MM-DD HH:MM:SS	-	The end time of the user's ticket	2020-12-31 23:59:59
ticket_price	Float	-	4	The price of the user's ticket	20.34
ticket_type	Variable Character	-	255	The type of ticket it is	Adult

zoo_availability

Data Dictionary - zoo_availability

Field	Data Type	Data Format	Field Size	Description	Example
date	Date	YYYY-MM-DD	11	The date of the availability	2020-12-31
start_time	Time	HH:MM:SS	11	The start time of the availability	23:59:59
end_time	Time	HH:MM:SS	11	The end time of the availability	23:59:59
spaces	Integer	-	50	The amount of spaces the availability has	200
ticket_type	Variable Character	-	50	The type of ticket that is available at that time and date	Adult

hotel_rooms

Data Dictionary - hotel_rooms

Field	Data Type	Data Format	Field Size	Description	Example
room_number	Integer	X....	3	The room number	2
userID	Integer	X....	11	The user's ID to who has taken it	3
booked	Boolean	-	-	If the room is booked or not	True
start_time	Datetime	YYYY-MM-DD HH:MM:SS	-	The start staying time for the user who has taken it	2020-12-31 23:59:59
end_time	Datetime	YYYY-MM-DD HH:MM:SS	-	The end staying time for the user who has taken it	2020-12-31 23:59:59
room_price	Float	-	5	The price of the room	123.45
capacity	Small Integer	-	1	The capacity of the room, i.e. how many people it can hold	3
room_type	Variable Character	-	255	The type of room it is	Double Room

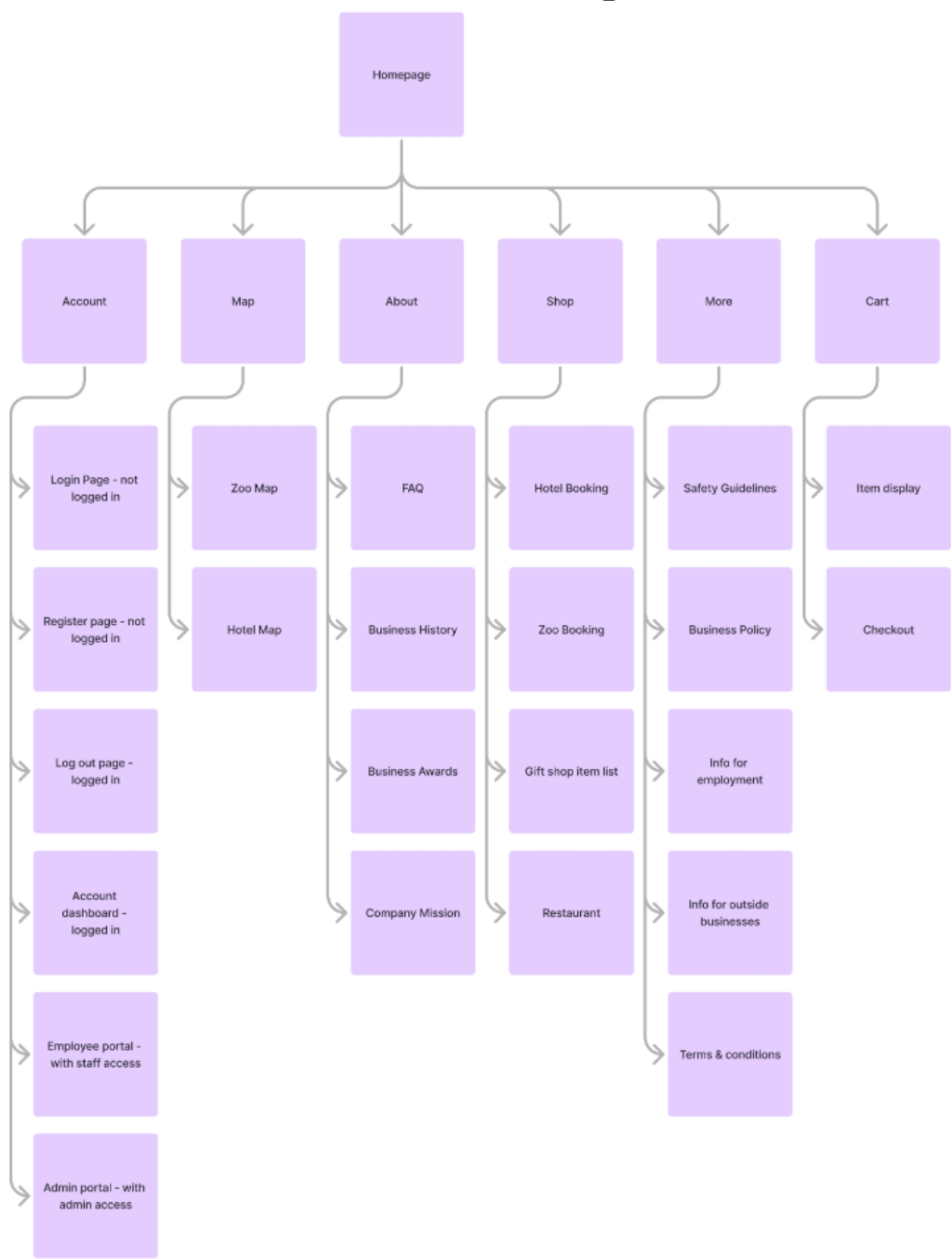
hotel_availability

Data Dictionary - hotel_availability

Field	Data Type	Data Format	Field Size	Description	Example
accessible	Bool	-	-	If the room is accessible or not	True
room_number	Integer	X....	3	The number of the room	231
start_date	Datetime	YYYY-MM-DD HH:MM:SS	-	The start date and time when it is available from	2020-12-31 23:59:59
end_date	Datetime	YYYY-MM-DD HH:MM:SS	-	The end date and time when it is no longer available from	2020-12-31 23:59:59
room_type	Variable Character	-	255	The type of room it is	Double Room

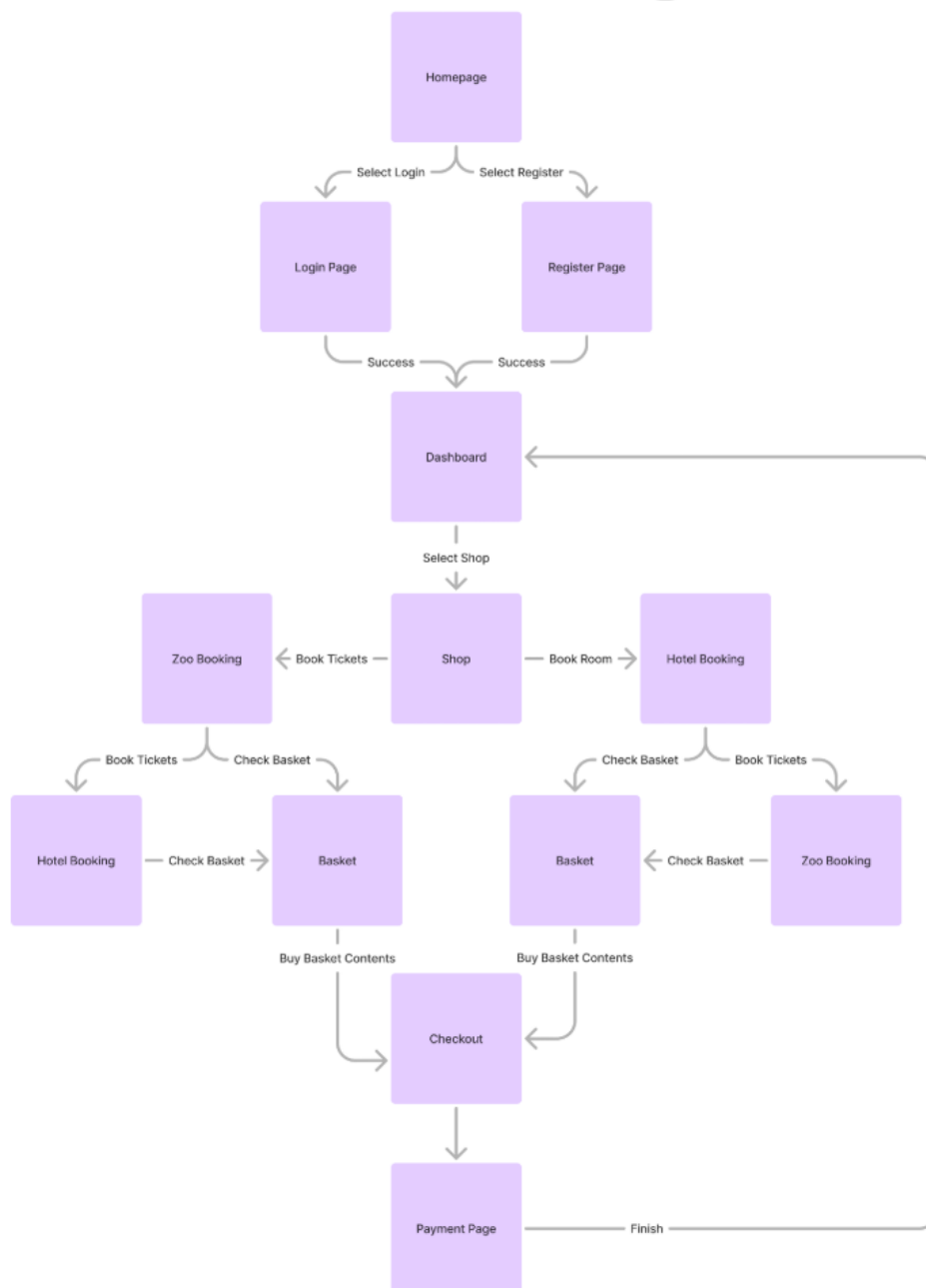
Site Map

Site Map



User Flow Diagram

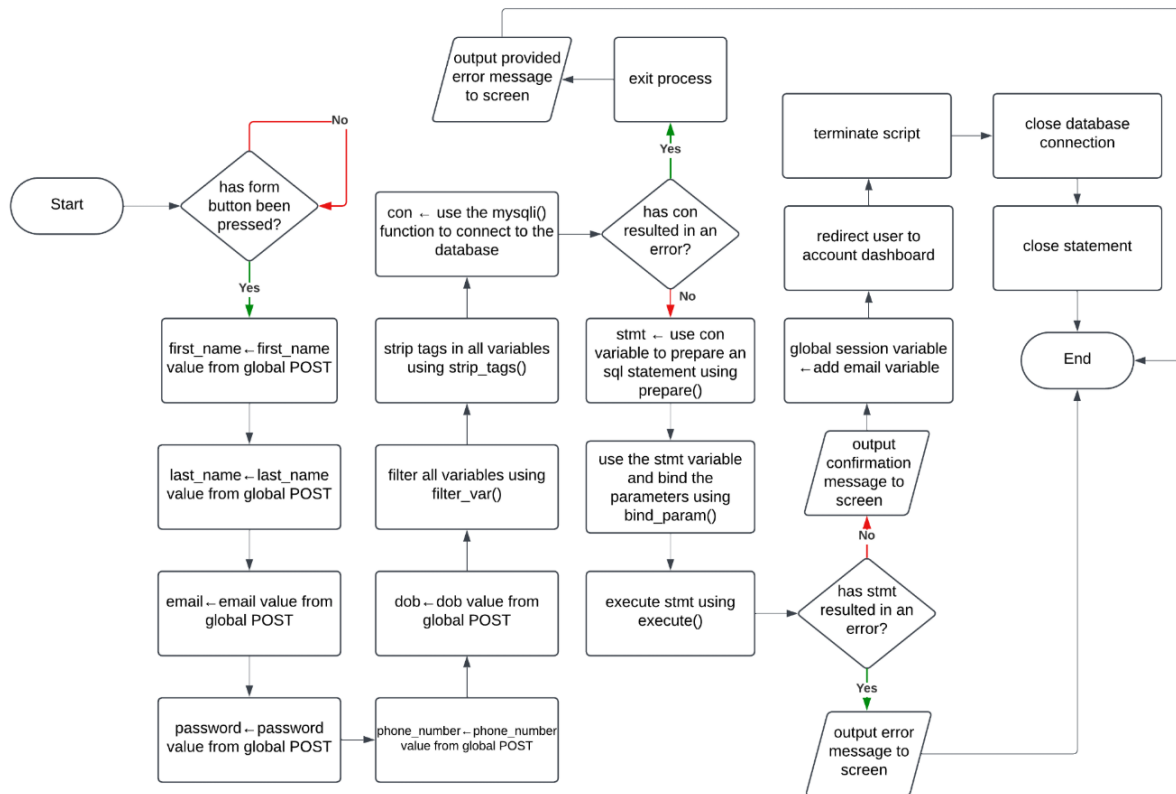
User Flow Diagram



Flowcharts

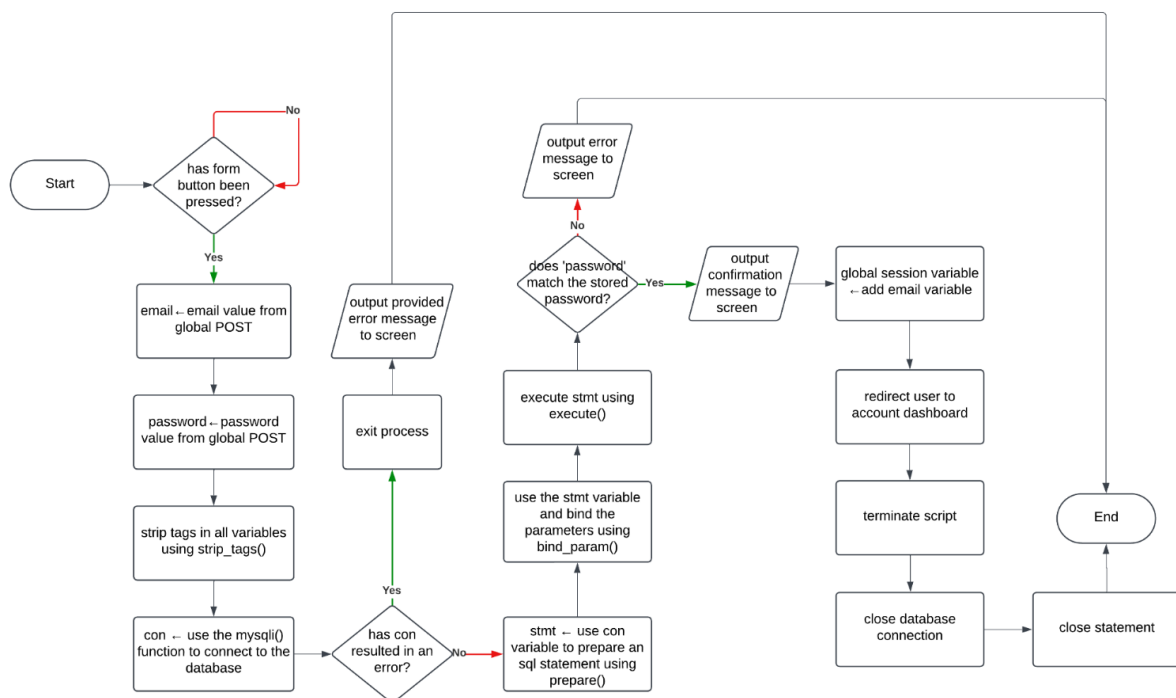
Sign Up

Flowcharts - Sign Up



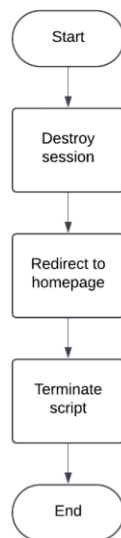
Login

Flowcharts - Login



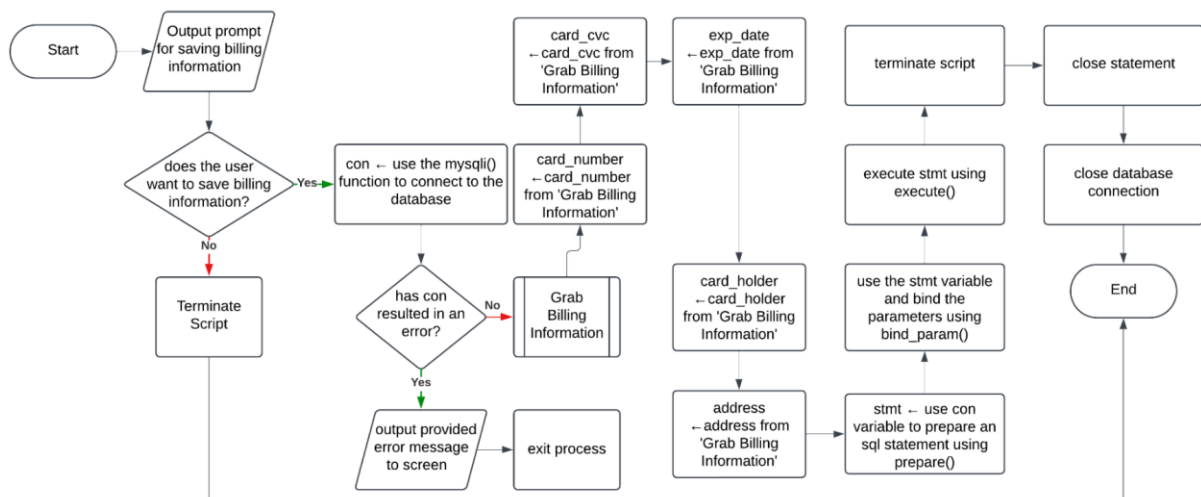
Logout

Flowcharts - Logout



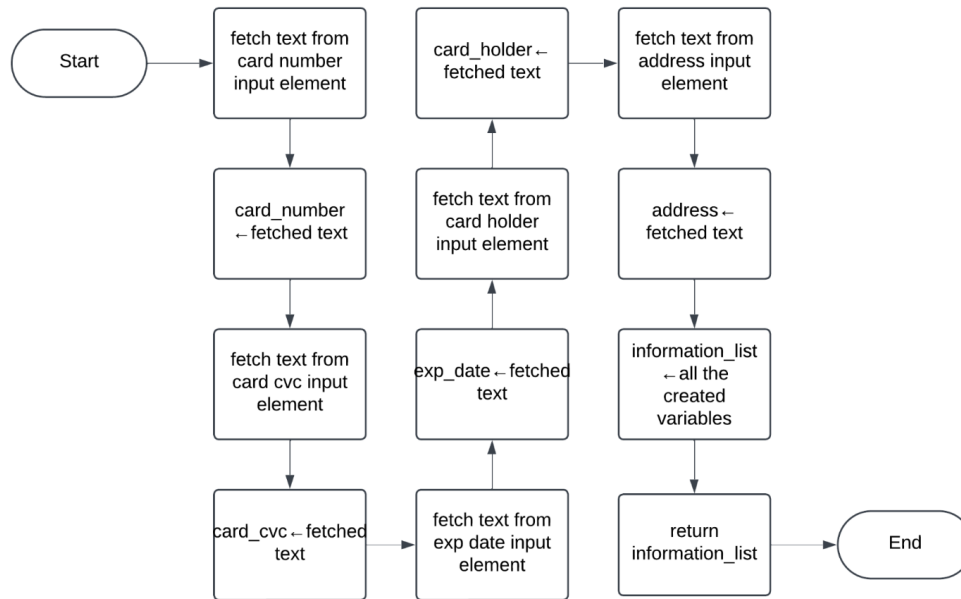
Saving Billing Information (from checkout)

Flowcharts - Saving Billing Information (from checkout)



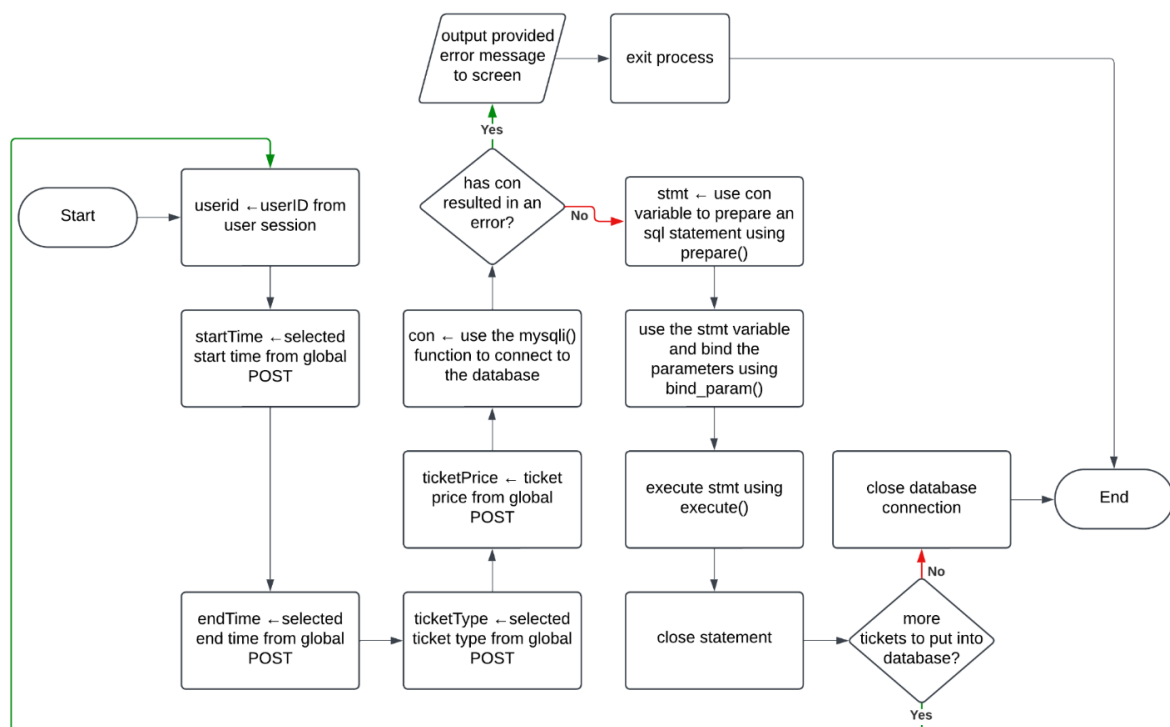
Grab Billing Information (from checkout)

Flowcharts - Grab Billing Information (from checkout)



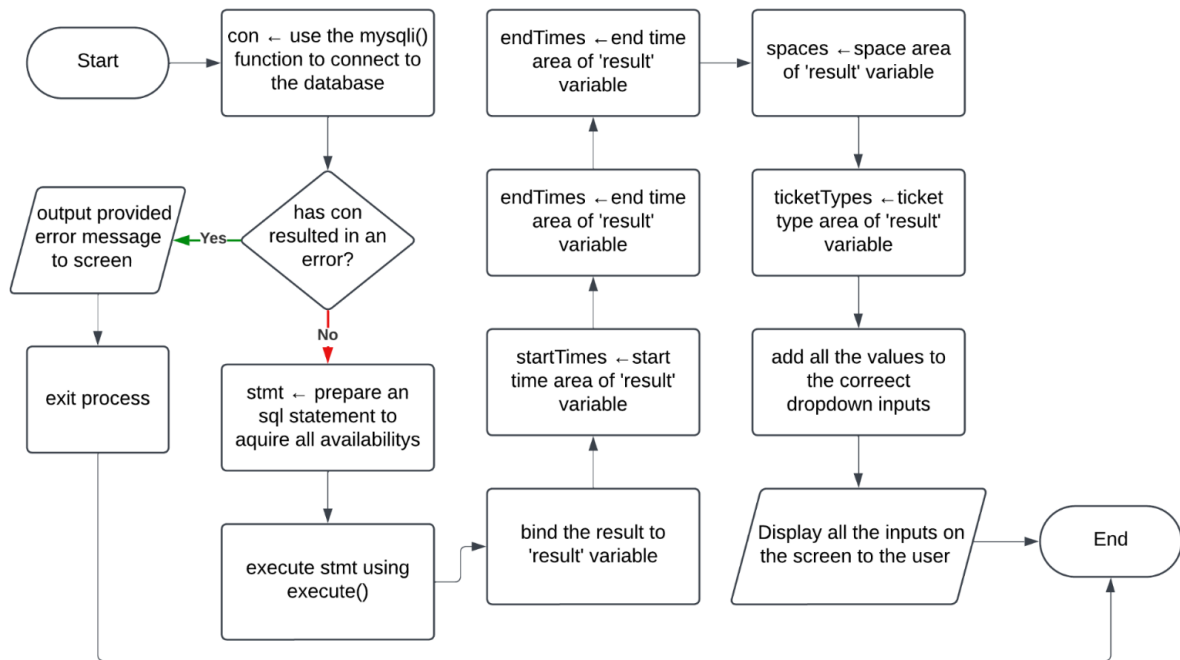
Booking Zoo Tickets

Flowcharts - Booking Zoo Tickets



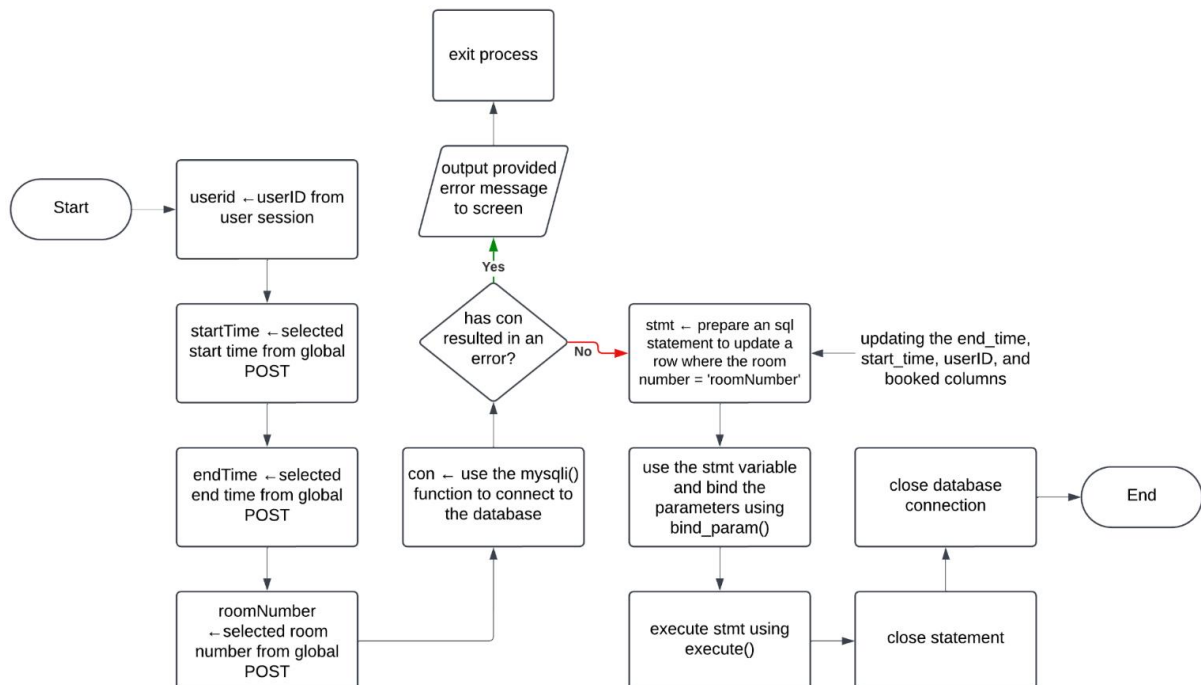
Display Zoo Availability

Flowcharts - Display Zoo Availability



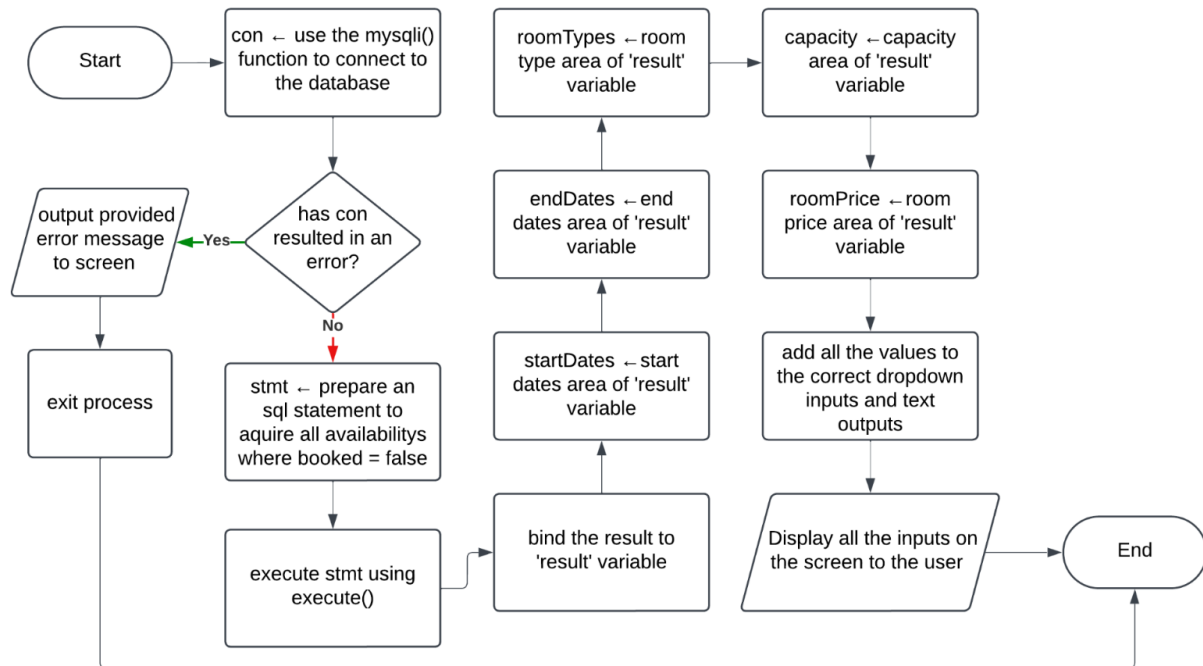
Booking Hotel Rooms

Flowcharts - Booking Hotel Rooms



Display Hotel Availability

Flowcharts - Display Hotel Availability



Test Strategy

Date of test	Component to be tested	Type of test to be carried out	Prerequisites and dependencies
12 February 2025	Navigation bar	Black Box testing -> functional testing: Integration testing	No data inputs needed at this stage, tester will go through the navigation bar and test if all the correct pages are loaded. Hovering above the about, shop, map and more pages.
12 February 2025	Homepage	White box testing, Black box testing -> Functional testing: Integration testing, Unit testing	No data needed. Testing if all the buttons are functional, testing homepage unit, testing integration of homepage within the website.
12 February 2025	“About” Dropdown	White box testing, Black box testing -> Functional testing: Integration testing, Unit testing	No data needed. Testing if all the buttons are functional, testing about page unit, testing integration of about page within the website.
12 February 2025	“More” Dropdown	White box testing, Black box testing -> Functional testing:	No data needed. Testing if all the buttons are functional, testing information units.

		Integration testing, Unit testing	
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