

Coursework Submission Sheet

Complete your details and read the information below. Please attach this sheet to your online submission to confirm that you understand and accept the ONCAMPUS academic regulations regarding coursework.

Please confirm your understanding that:

1. At **ONCAMPUS**, we recognize that English may not be your first language. Our assessments are designed to allow you to achieve while continuing to develop your academic English skills. We expect all submitted work to be your own words (apart from in-text quotations), written in a style that reflects your English language level.
2. At any time, you may be asked to attend an interview with at least two members of academic staff to discuss the content of your submitted coursework. It is likely that one interviewer will be the Centre Head or Deputy Centre Head. Interviews may be requested as part of a random check, or if there is suspicion that an academic offence has been committed. We expect all students to be able to discuss and/or explain the main ideas and vocabulary used in submitted coursework.
3. It is your responsibility to read the program handbook, including the policy on late submission, and information on available support if you are finding your studies difficult.
4. If you are unsure about any part of your coursework, you must ask your tutors for help before the submission deadline.

By attaching this sheet, you confirm that that you understand and accept all of the information above. You understand that all submitted coursework must include this coursework submission sheet, and that submissions without the sheet included will be rejected.

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1. Requirements Analysis :

1. Analysing Requirements:

a. Introduction:

The world is becoming increasingly digitalised, and a travel blog is the perfect opportunity to share stories about adventures around the world, meet other avid travellers. This portfolio aims to develop interactive travel blog website that is user friendly while using HTML, CSS, JS to demonstrate skills in coding.

b. Purpose:

The main purpose of this portfolio is developing a travel blog website that is both functional and user-friendly. On this website internaut will be able to find travel stories, tips, and recommendations, it will offer discount coupons for bookings and attract organisations or individual interested in collaborations.

c. Objectives:

- 1) **Making a visually appealing website:** make sure the website is aesthetically pleasing and functional.
- 2) **Easy to navigate:** the user interface should be easy to browse through different pages of the webs site.
- 3) **User registration:** users should be able to register to receive extra content and coupons.
- 4) **Show travel experience:** the main purpose of the web site is to share travel stories along with pictures.
- 5) **Integrate social media:** the blog should make it easier to find the content creators social media for easy communication.
- 6) **Content management:** the content creator should be able to create, update and remove content on the blog efficiently.

d. Target Audience:

The target audience for the travel blog website includes:

- 1) **General public:** anyone that has access to the internet should be able to access the website if interested in travel stories, tips, and discounts.
- 2) **Potential collaborators and promoters:** organisations and individuals interested in collaborating with a travel blog to promote their products should be able to access the website.

- 3) **Registered users:** people interested in exclusive content and discounts should be able to register to receive them.

e. Significance Of the Task:

Developing this travel blog website holds significant importance for several reasons:

- 1) **Building a community:** this website will give a chance to the content creator to build a community of people passioned by traveling.
- 2) **Resource offering:** this blog will offer tips on traveling and recommendations which is valuable.
- 3) **Collaboration and promotion attraction:** this website if used the right way will be a useful tool to attract companies and individuals interested in promotions or collaborations.
- 4) **Monetisation:** this blog opens up potential monetisation doors through collaborations and sponsorships providing financial benefits.

2. The Activity Timeline:

activity timeline				
task number	sub task number	task name	sub task name	duration
1.0		requirement gathering and planning		4 days
	1.1		analysis requirement	1 day
	1.2		equipment and budget planning	1 day
	1.3		activity timeline	1 day
	1.4		the Gantt chart	1 day
2.0		the design specification for the website		6 days
	2.1		navigation structure	2 days
	2.2		configuring the css box model	2 days
	2.3		the storyboard for the webpages	2 days
3.0		testing and implementation		3 days
	3.1		implementing	
	3.2		unit testing	
	3.3		integration testing	
	3.4		system testing	
4.0		project evaluation strategy and critical evaluation		3 days
	4.1		questionnaire	2 days
	4.2		critical feedback review	1 day
5.0		submission		1 day

Tableau 1 activity timeline

3. The Gantt Chart:

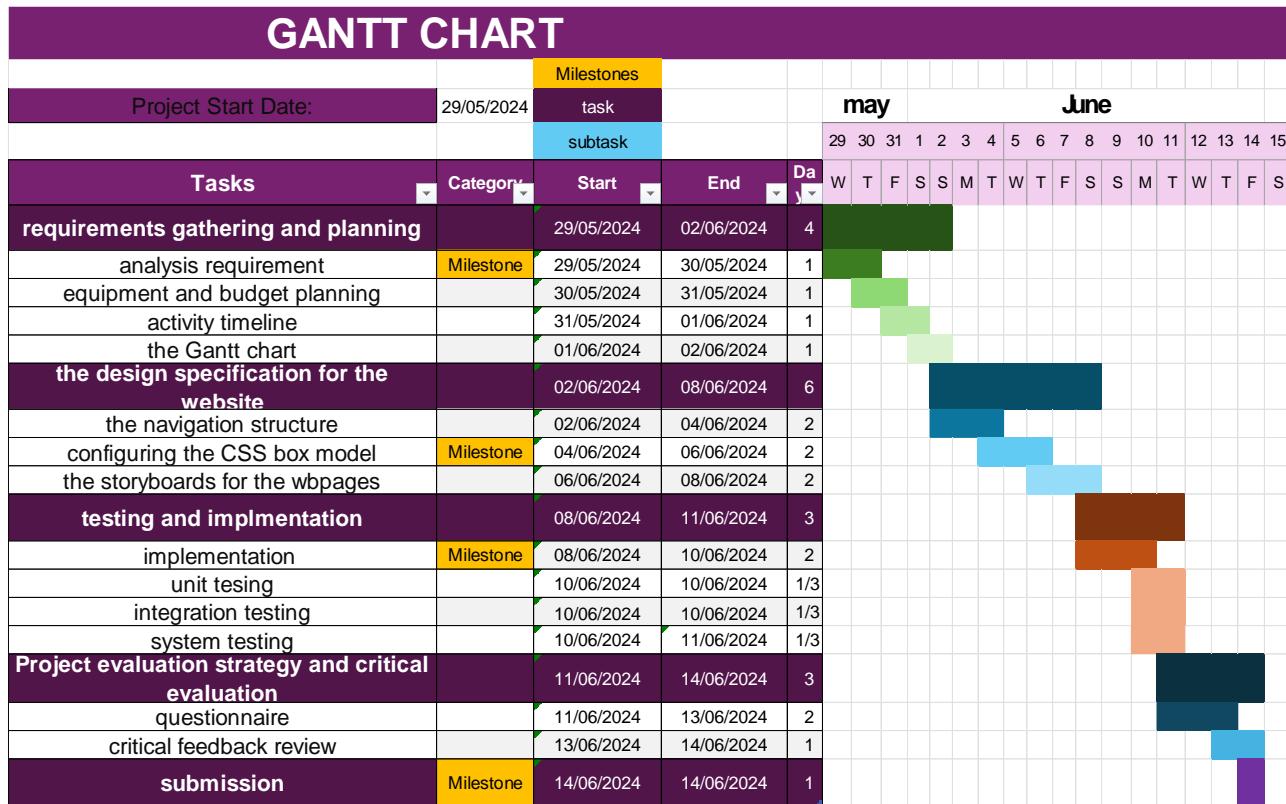


Tableau 2 Gantt chart

4. Equipment & Budget Planning:

equipment and budget planning

serial number	equipment	budget	specification
1	laptop	£550.00	16GB RAM, 512GB SSD
2	Visual Studio Code (VS CODE)	Free	open source
3	internet connection	Free	/
4	microsoft 365 subscription	£75.99	softwares
5	google chrome	free	browser
6	xampp	free	/
7	canva	free	photo editing

Tableau 3 equipment budgeting

2. The design specification for the website:

1. The navigation structure:

a. Home page :

The home page has a navigation bar that links to all major sections of the blog: Blog, Destinations, About, Contact, And Login. This makes sure an easy access to all parts of the website from the landing page.

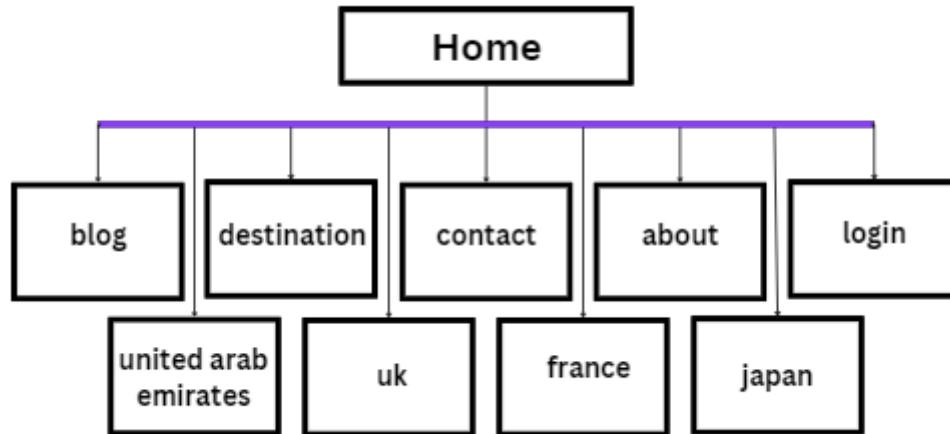


Figure 1 The navigation structure home page

b. Blog page :

The blog page a navigation bar that links to all major sections of the blog: Home, Destinations, About, Contact, And Login. Also, in the main part of the blog has links to the articles page, and the latest posts that are the Dubai article and the London one.

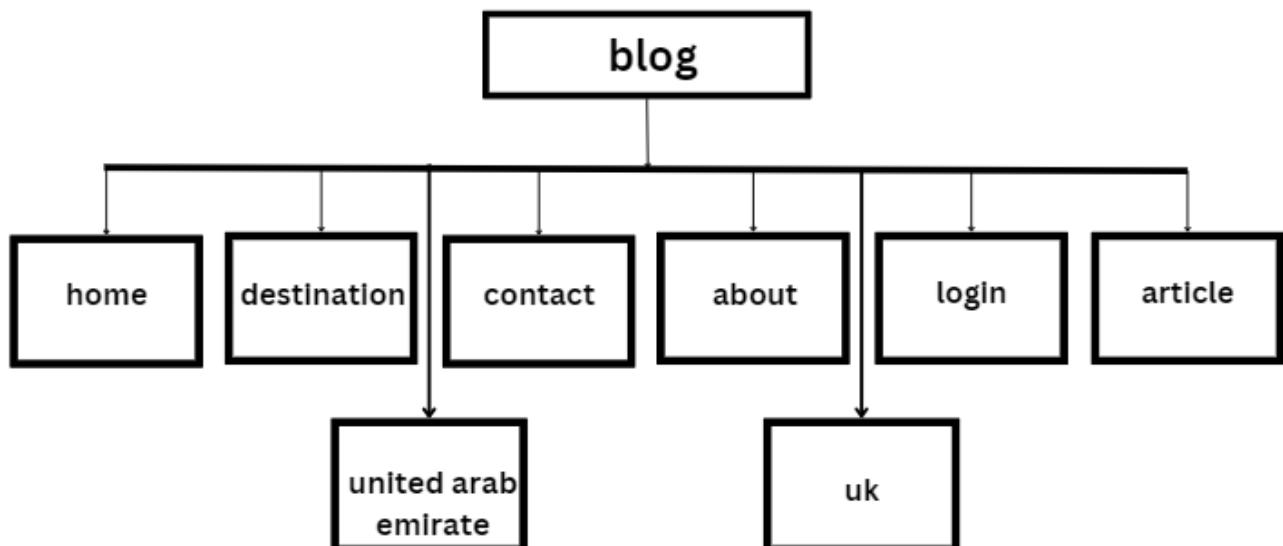


Figure 2 The navigation structure blog page

c. Destination :

The destinations page has a navigation bar that leads to all the main sections of the blog: Home, Blog, About, Contact, and Login. It also has a map and a card named countries visited that leads to each country/city visited, Greece, Algeria, United Kingdom, United Arab Emirate, Japan, France and Brazil.

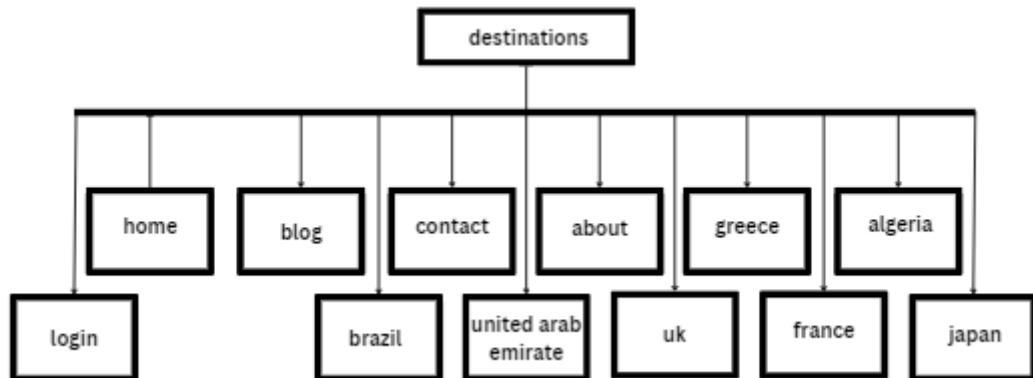


Figure 3 The navigation structure destination page

d. About :

The about page has a navigation bar that leads to all the main sections of the blog: Home, Blog, Destinations, Contact, and Login.

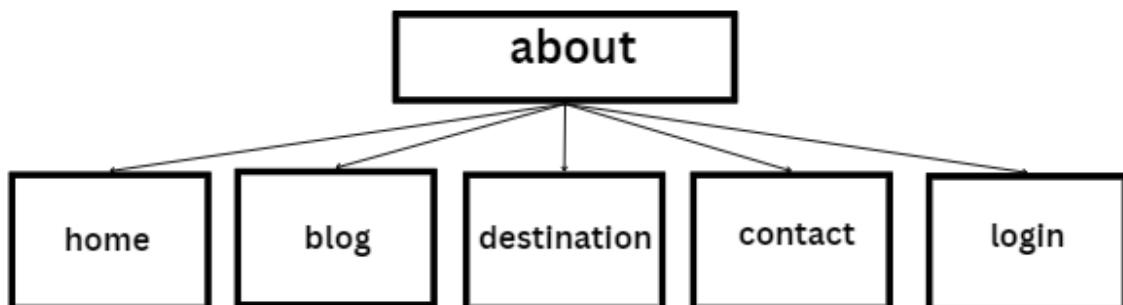


Figure 4 The navigation structure about page

e. Contact :

The contact page has a navigation bar that leads to all the main sections of the blog: Home, Blog, Destinations, About, and Login.

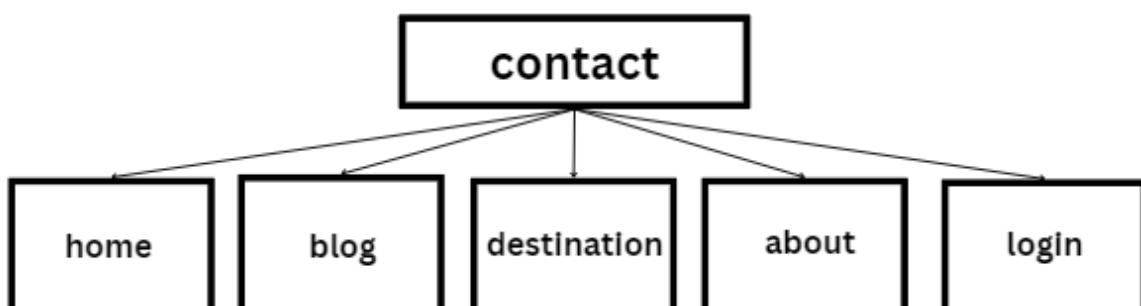


Figure 5 The navigation structure contact page

f. Login page :

The login page has a navigation bar that leads to all the main sections of the blog: Home, Blog, Destinations, About, and contact.

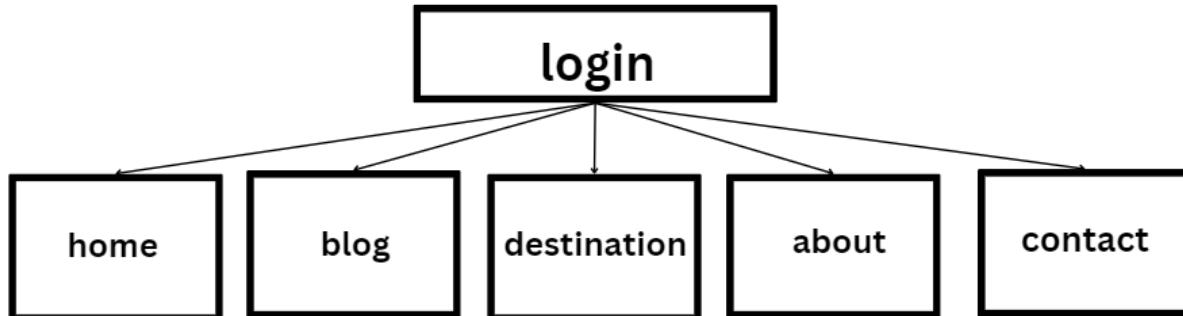


Figure 6 The navigation structure login page

g. Blog page type one and two:

Both types of blog pages have a navigation a bar that leads to the main sections of the blog that are: home, blog, destinations, about, contact. The second type of blog pages has a section that has a preview of the about page that links to that page.

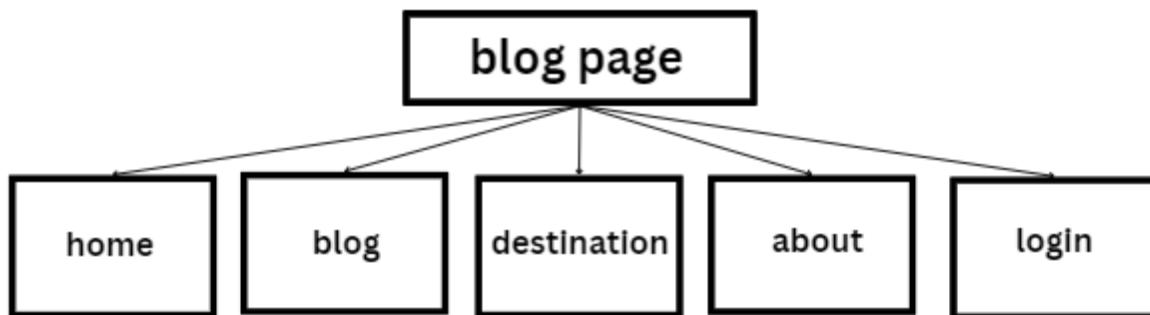


Figure 7 The navigation structure blog pages

h. Articles page :

This page has all the articles/ blog posts available on the website which are about Greece, Algiers, Paris, Tokyo, London, Rio De Janeiro, And Dubai. It also has the navigation bar that leads to the main parts of the blog that are: Home, Blog, Destinations, About, Contact and Login.

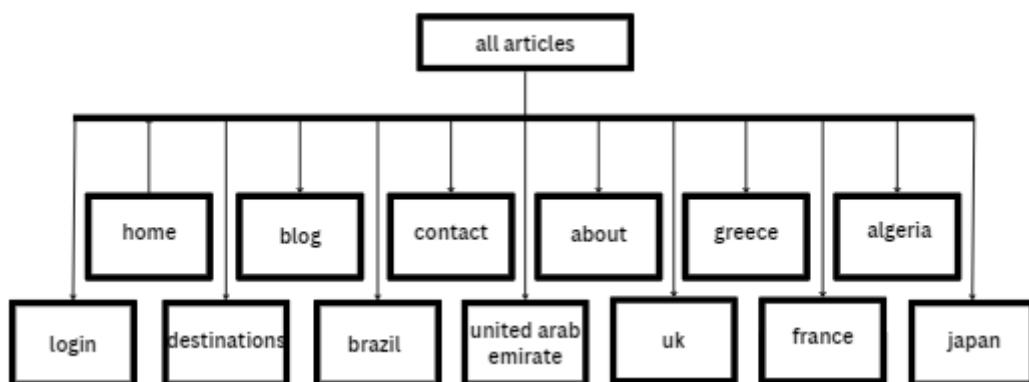


Figure 8 The navigation structure articles page

2. Configuring the CSS box model:

1. The home CSS box model for the page:

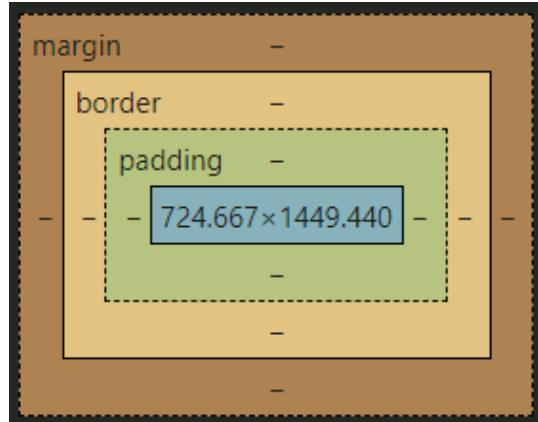


Figure 9 The home CSS box model for the page

2. The CSS box model for the blog page:



Figure 10 The CSS box model for the blog page

3. The CSS box model for the destinations page:

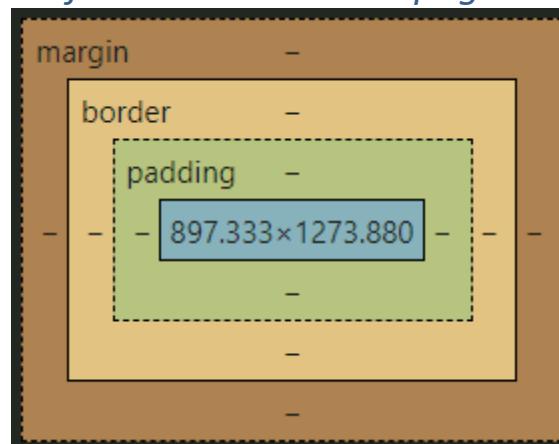


Figure 11 The CSS box model for the destinations page

4. The CSS box model for the about page:

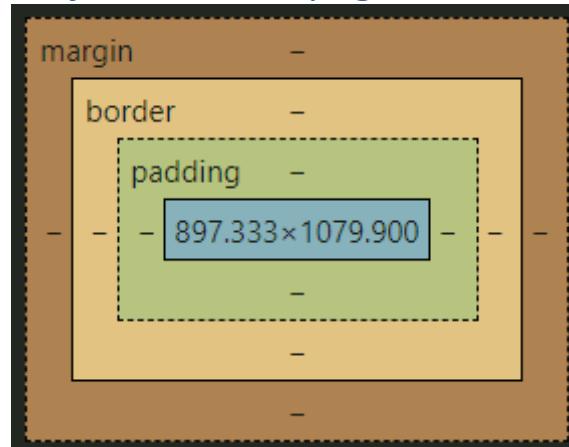


Figure 12 The CSS box model for the about page

5. The CSS box model for the contact page:



Figure 13 The CSS box model for the contact page

6. The CSS box model for All the articles:

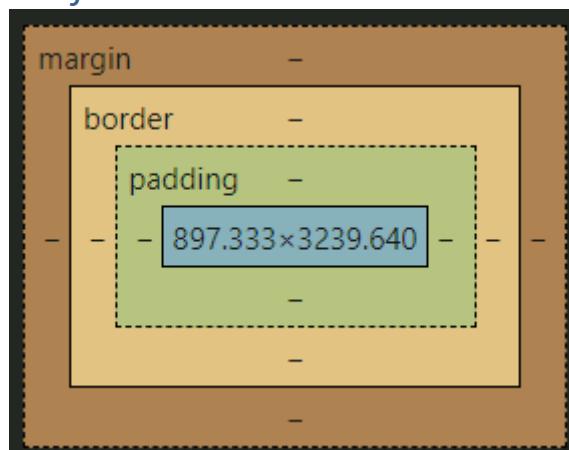


Figure 14 The CSS box model for All the articles

7. The CSS box model login page:

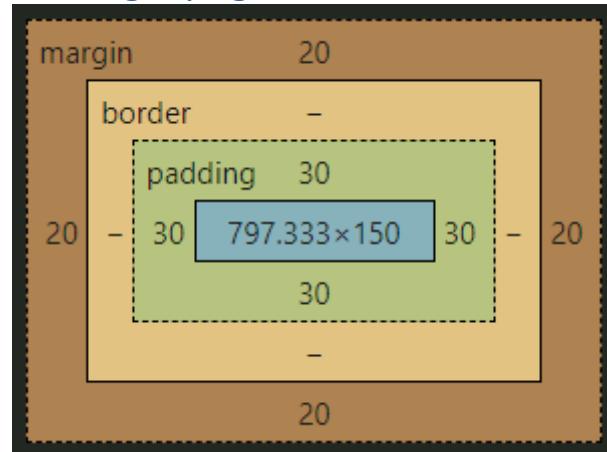


Figure 15 The CSS box model login page

8. The CSS box model for the article page type 1:

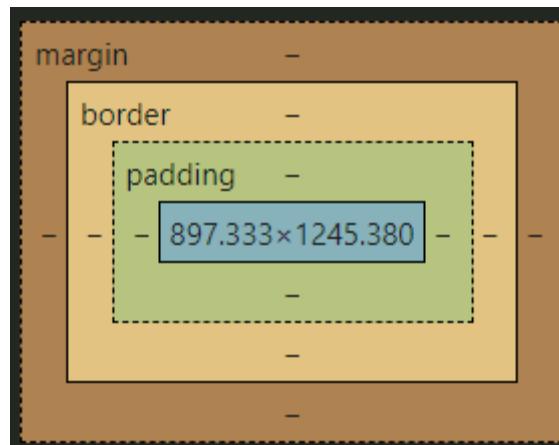


Figure 16 The CSS box model for the article page type 1

9. The CSS box model for the article page type 2:



Figure 17 The CSS box model for the article page type 2

3. The storyboards for the webpages:

1) The home page:

The home page is the landing page of the travel blog. It gives the visitors an idea of the bogs content and features. In this page they can find a header that is repeated throughout the blog a navigation bar leading to the most important sections of the blog. It also has a background picture that has a search bar that could be used to go anywhere on the blog. The visitor can also login using the login bar only available in the home page. And then they will have highlights of the important blog posts.

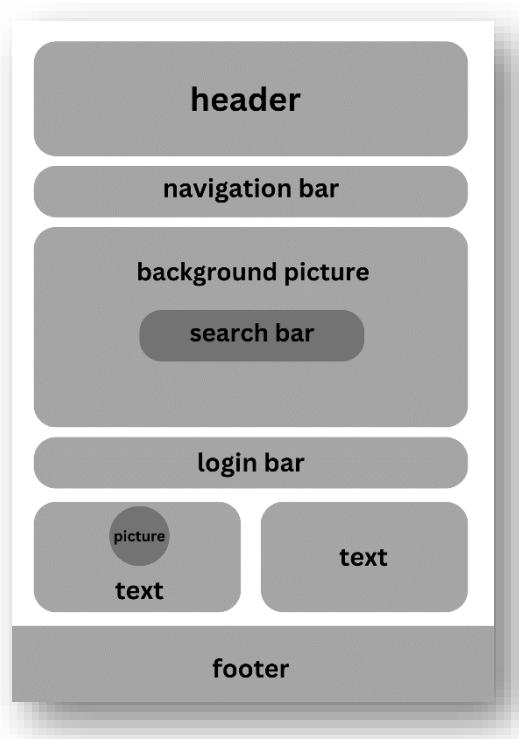


Figure 18 The storyboards for the home page

In this project the body, header containing the social bar, navigation bar and footer are the same throughout the blog.

The CSS styling table for the body making it one solid colour and precising the default font:

Selector	Property	Value
body	background-color	#FFF0F7
	font-family	Lora, serif

Tableau 4 The CSS styling table for the body

The CSS styling table for the header giving it a background picture, the dimensions of the header and where to put the content:

Selector	Property	Value
header	margin	20px
	display	flex
	justify-content	right
	background	url(header.png)
	background-size	cover
	height	150px
	padding	30px
	align-items	center
	color	blanchedalmond
	font-size	x-large
	border-radius	10px
	box-shadow	0 0 5px 5px rgba(0,0,0,0.2)

Tableau 5 The CSS styling table for the header

The CSS styling table for the social bars making them displayed on the left deciding the size of the icons their background-colours, and the way they react when we hover over them:

Selector	Property	Value
.social-bar	display	flex
.social-bar a	display	block
	width	40px
	height	40px
	margin	0 5px
	background-color	#333
	color	white
	text-align	center
	line-height	40px
	border-radius	50%
	transition	background-color 0.3s, box-shadow 0.3s
.social-bar a hover	background-color	#555
	box-shadow	0 0 10px rgba(0,0,0,0.2)
.social-bar a i	font-size	20px

Tableau 6 The CSS styling table for the social bar

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The CSS styling table for the navigation bar giving it a precise colour and size, centring the content and giving it a shadow so it stands out. Also giving the text of the navigation bar, a colour and size, and making sure it interacts when we hover over it and that it changes colours when the link is active.

Selector	Property	Value
nav	display	flex
	justify-content	center
	align-items	center
	background-color	#F68CAC
	padding	5px
	border-radius	50px
	margin	20px 20px 0 20px
	font-family	Lora, serif
	font-size	16px
	box-shadow	0 0 5px 5px rgba(0,0,0,0.2)
nav a	color	blanchedalmond
	text-decoration	dotted
	transition	color 0.5s
	margin	10px 10px
nav a:hover	color	#4e2844
	font-weight	bold
nav a.active	color	#12405c
	text-decoration	underline
	font-weight	bold

Tableau 7 The CSS styling table for the navigation bar

The CSS style table for the main section of the blog:

Selector	Property	Value
main	display	flex
	flex-wrap	wrap
	margin	20px

Tableau 8 The CSS styling table for the main part

The CSS styling table for the footer making it a solid colour, centring the content and precising the size:

Selector	Property	Value
footer	padding	20px
	background-color	#D16699
	color	#FDFAE5
	text-align	center

Tableau 9 The CSS styling table for the footer

The CSS code for the background picture precising its size and position making sure the content will be centred:

Selector	Property	Value
.background	position	relative
	width	97%
	height	400px
	background	url('background.jpg') no-repeat center center/cover
	display	flex
	justify-content	center
	align-items	center
	margin	20px
	border-radius	20px

Tableau 10 The CSS styling table for the background

The CSS style type for the search bar text section and button present in the middle of the background picture. Deciding its colour the pointers change, and the way it reacts when we hover over it:

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Selector	Property	Value
.background input[type="text"], .background button	padding	10px
	font-size	medium
	font-family	'Times New Roman', Times, serif
.background button	margin-left	10px
	background	#350430
	border	none
	color	blanchedalmond
	cursor	pointer
	transition	background 0.3s
	border-radius	10px
.background button:hover	background	#FDFAE5
	box-shadow	0 4px 8px rgba(0, 0, 0, 4)
	transform	translateY(-1px)
	color	#350430

Tableau 11 The CSS styling table for the search bar

The CSS style table for the login bar making the background one solid colour, deciding its size the size of the text and the way the button reacts when you hover over it:

Selector	Property	Value
.login-section	display	flex
	justify-content	center
	padding	20px
	background-color	#D16699
	margin-bottom	20px
	margin-left	20px
	margin-right	20px
	border-radius	10px
.login-section input[type="text"], .login-section input[type="password"], .login-section button	padding	10px
	font-size	medium
	font-family	'Times New Roman', Times, serif
	margin	5px
.login-section button	background	#4e2844
	border	none
	color	blanchedalmond
	cursor	pointer
	transition	background 0.3s
	border-radius	10px
.login-section button:hover	background	#FDFAE5
	box-shadow	0 4px 8px rgba(0, 0, 0, 4)
	transform	translateY(-1px)
	color	#350430

Tableau 12 The CSS styling table for the login bar

The CSS style table for the top articles section deciding its size colour font and shadow:

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Selector	Property	Value
.top-articles	flex	1
	margin	10px
	background-color	#FDFAE5
	color	black
	padding	20px
	border-radius	10px
	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	transition	transform 0.3s, box-shadow 0.3s
	cursor	pointer
	text-align	justify
	font-family	Lora, serif
	font-size	16px

Tableau 13 The CSS styling table for the top articles

The CSS style table for the about snippet section deciding its size colour font and shadow:

Selector	Property	Value
.about-snippet	flex	1
	margin	10px
	background-color	#FDFAE5
	color	black
	padding	20px
	border-radius	10px
	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	transition	transform 0.3s, box-shadow 0.3s
	cursor	pointer
	text-align	justify
	font-family	Lora, serif
	font-size	16px
.about-snippet h2	font-size	30px
	text-align	center

Tableau 14 The CSS styling table for the about snippet

The CSS style table for the about snippet and top articles making them react when hovered over and deciding the sizes and placement of the images in those sections:

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Selector	Property	Value
.about-snippet:hover, .top-articles:hover	transform	translateY(-1px)
	box-shadow	0 15px 20px rgba(0, 0, 0, 0.2)
.about-snippet img, .top-articles img	width	100%
	border-radius	10px
.about-snippet .round-image	width	150px
	height	150px
	border-radius	50%
	object-fit	cover
	display	block
	margin	10px auto

Tableau 15 The CSS styling table for the about snippet when hover

The CSS style table for the links and in the top articles section deciding its size colour font and shadow and how it reacts when hovered over:

Selector	Property	Value
a:hover	color	#4e2844
.top-articles p a	padding	5px
	padding-left	20px
	display	flex
.top-articles p a:hover	font-weight	bold

Tableau 16 The CSS styling table for the top articles when hover

2) The blog page:

The blog page like all the other pages has a header navigation bar and footer. It contains 2 main parts the article section and the aside section in the main body.

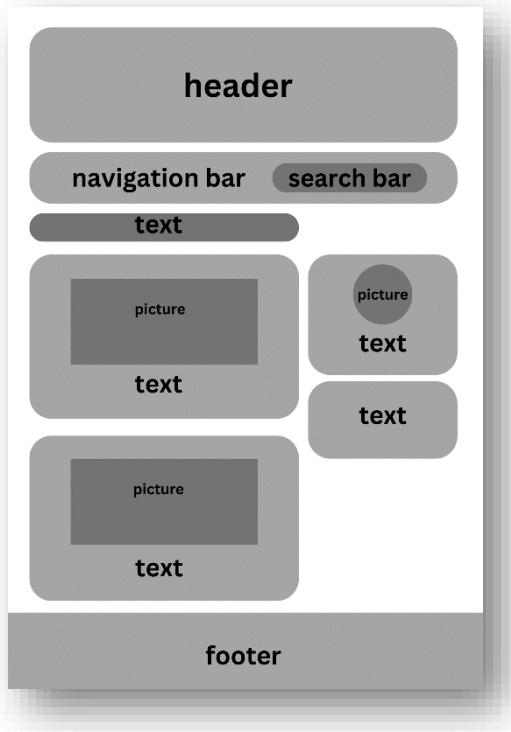


Figure 19 The storyboards for the blog page

In this page and the rest of the pages the body, header, main and footer are the same as in the home page the only difference is that the navigation bar has the search bar that was added to the initial code of the nav bar:

Selector	Property	Value
nav .search-container	display	flex
	align-items	center
	padding-right	30px
nav input[type="text"]	padding	10px
	font-size	medium
	font-family	Lora, serif
	height	20px
	width	300px
nav button	margin-left	10px
	padding	10px
	font-size	medium
	font-family	Lora, serif
	background	#D16699
	border	none
	color	blanchedalmond
	cursor	pointer
	transition	background 0.3s
	border-radius	10px
	box-shadow	0 0 5px 5px rgba(0,0,0,0.2)
nav button:hover	background	#FDFAE5
	box-shadow	0 4px 8px rgba(0, 0, 0, 4)
	transform	translateY(-1px)
	color	#F68CAC

Tableau 17 The CSS styling table for the navigation bar

The CSS style table for the division of the main part of the page into 2 sections article one and the side one:

Selector	Property	Value
.article-section	flex	2
.aside-section	flex	1
	padding-left	40px

Tableau 18 The CSS styling table for dividing main part of webpage

The CSS style table for the card making sure it has a special colour font and font size and that it has a shadow:

Selector	Property	Value
.card	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	padding	20px
	background-color	#FDFAE5
	border-radius	10px
	transition	transform 0.3s
	cursor	pointer
	font-size	medium
	font-family	Lora, serif
	text-align	justify
	box-shadow	0 4px 8px rgba(0,0,0,2)
	margin-top	20px

Tableau 19 The CSS styling table for the cards

The CSS style table for the cards reaction when hovered over making sure it moves forward.

Selector	Property	Value
.card:hover	transform	translateY(-3px)
	box-shadow	0 15px 20px rgba(0, 0, 0, 2)
.card-center	display	flex
	flex-direction	column
	align-items	center

Tableau 20 The CSS styling table for the card when hover

3) The destinations page:

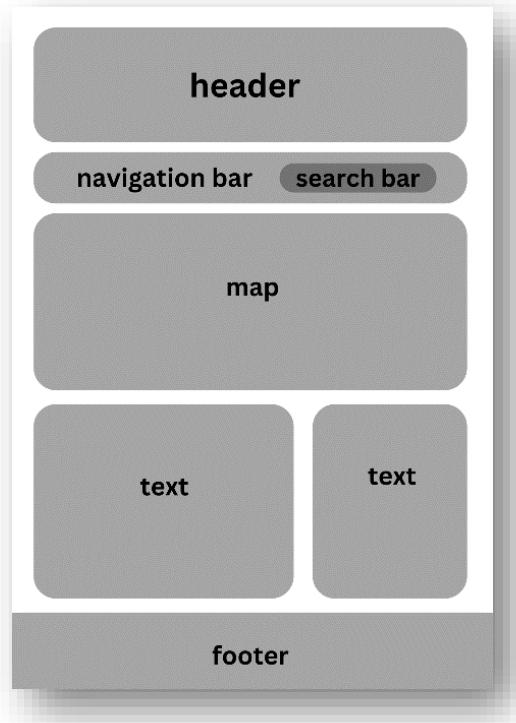


Figure 20 The storyboards for the destination page

The CSS style table for the map deciding its width and height and shadow:

Selector	Property	Value
#map	height	500px
	width	97%
	margin	20px 20px 20px 20px
	border-radius	10px
	cursor	pointer
	box-shadow	0 0 5px 5px rgba(0,0,0,0.2)

Tableau 21 The CSS styling table for the map

The CSS style table for the division of the main part of the page into 2 sections article one and the side one:

Selector	Property	Value
.article-section	flex	2
.aside-section	flex	1
	padding-left	40px

Tableau 22 The CSS styling table for dividing main part of webpage

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The CSS style table for the card making sure it has a special colour font and font size and that it has a shadow:

Selector	Property	Value
.card	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	padding	20px
	background-color	#FDFAE5
	border-radius	10px
	transition	transform 0.3s
	cursor	pointer
	font-size	medium
	font-family	Lora, serif
	text-align	justify
	box-shadow	0 4px 8px rgba(0,0,0,2)
	margin-top	20px

Tableau 23 The CSS styling table for the cards

The CSS style table for the cards reaction when hovered over making sure it moves forward.

Selector	Property	Value
.card:hover	transform	translateY(-3px)
	box-shadow	0 15px 20px rgba(0, 0, 0, 2)
.card-center	display	flex
	flex-direction	column
	align-items	center

Tableau 24 The CSS styling table for the cards when hover

4) The about page:

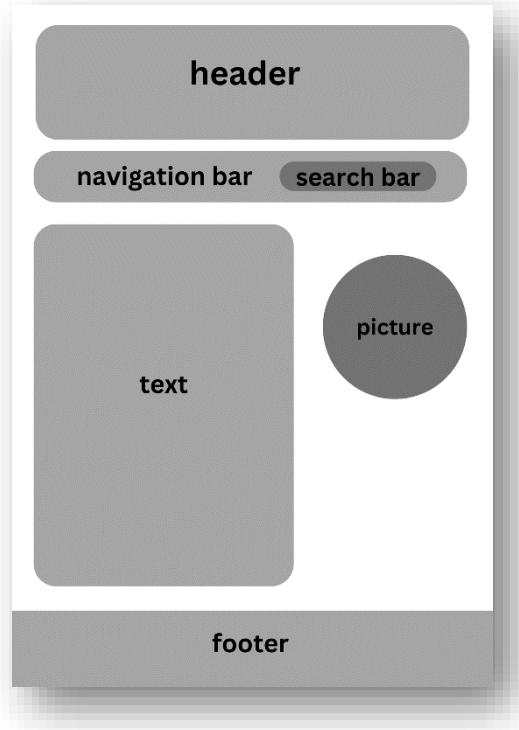


Figure 21 The storyboards for the about page

The CSS style table for the division of the main part of the page into 2 sections article one and the side one:

Selector	Property	Value
.article-section	flex	2
.aside-section	flex	1
	padding-left	40px

Tableau 25 The CSS styling table for dividing main part of webpage

The CSS style table for the card making sure it has a special colour font and font size and that it has a shadow:

Selector	Property	Value
.card	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	padding	20px
	background-color	#FDFAE5
	border-radius	10px
	transition	transform 0.3s
	cursor	pointer
	font-size	medium
	font-family	Lora, serif
	text-align	justify
	box-shadow	0 4px 8px rgba(0,0,0,2)
	margin-top	20px

Tableau 26 The CSS styling table for cards

The CSS style table for the cards reaction when hovered over making sure it moves forward.

Selector	Property	Value
.card:hover	transform	translateY(-3px)
	box-shadow	0 15px 20px rgba(0, 0, 0, 2)
.card-center	display	flex
	flex-direction	column
	align-items	center

Tableau 27 The CSS styling table for cards when hover

The CSS style table for the round image found on the side section of the webpage

Selector	Property	Value
round-image	width	200px
	height	200px
	border-radius	50%
	object-fit	cover

Tableau 28 The CSS styling table for the round image

5) The contact page:

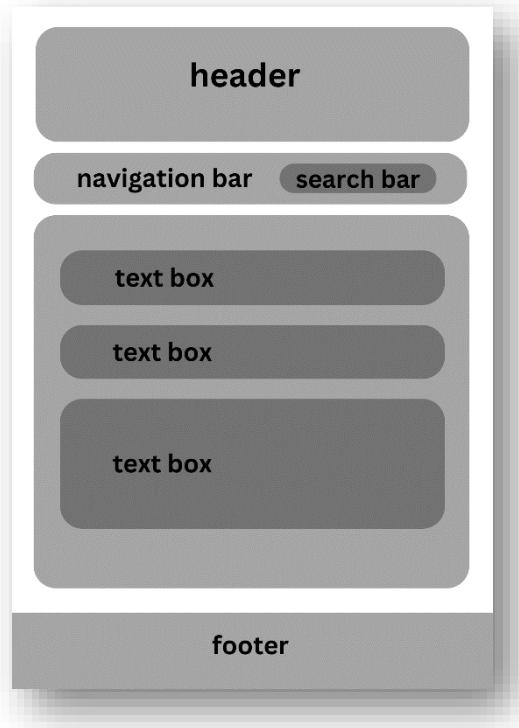


Figure 22 The storyboards for the contact page

The CSS style type for the form box the background colour the box shadow and font:

Selector	Property	Value
form	background	#806d7e
	padding	20px
	border-radius	10px
	box-shadow	0 0 10px rgba(0,0,0,0.2)
	margin	20px
	font-size	16px
	font-family	Lora, serif

Tableau 29 The CSS styling table for the form

The CSS style table for the input / text boxes their size background colour and change of cursor when over them. Plus, the buttons style and how it reacts when hovered over:

Selector	Property	Value
input[type="text"], input[type="email"], textarea	padding	10px
	width	98%
	margin	10px 0px
	border-radius	5px
	border	1px solid #806d7e
input[type="submit"], button[type="submit"]	background	#F68CAC
	color	#efe4ee
	padding	10px 20px
	border-radius	5px
	cursor	pointer
	border	none
	font-size	16px
	font-family	Lora, serif
input[type="submit"]:hover, button[type="submit"]:hover	background	#FDFAE5
	box-shadow	0 4px 8px rgba(0, 0, 0, 0.4)
	transform	translateY(-1px)

Tableau 30 The CSS styling table for the text boxes and button

6) Login page:

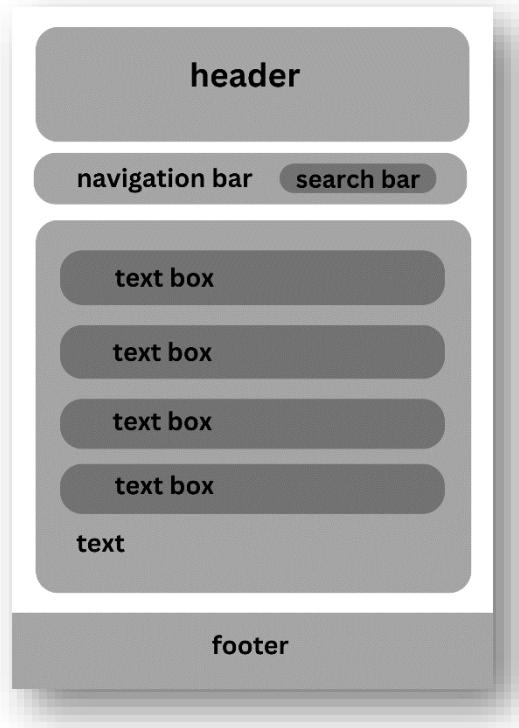


Figure 23 The storyboards for the login page

The CSS style type for the form box the background colour the box shadow and font:

Selector	Property	Value
form	background	#806d7e
	padding	20px
	border-radius	10px
	box-shadow	0 0 10px rgba(0,0,0,0.2)
	margin	20px
	font-size	16px
	font-family	Lora, serif

Tableau 31 The CSS styling table for the form

The CSS style table for the input / text boxes their size background colour and change of cursor when over them. Plus, the buttons style and how it reacts when hovered over:

Selector	Property	Value
input[type="text"], input[type="email"], textarea	padding	10px
	width	98%
	margin	10px 0px
	border-radius	5px
	border	1px solid #806d7e
input[type="submit"], button[type="submit"]	background	#F68CAC
	color	#efe4ee
	padding	10px 20px
	border-radius	5px
	cursor	pointer
	border	none
	font-size	16px
	font-family	Lora, serif
input[type="submit"]:hover, button[type="submit"]:hover	background	#FDFAE5
	box-shadow	0 4px 8px rgba(0, 0, 0, 0.4)
	transform	translateY(-1px)

Tableau 32 The CSS styling table for text boxes and buttons

The CSS style table for the checklist that tells the user if the requirements they met in the password that changes colours and also the password containers styles that makes it able to show password if clicked on a toggle:

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Selector	Property	Value
.checklist	list-style	none
	padding	0
.checklist li	color	rgb(113, 16, 92)
.checklist li.valid	color	rgb(111, 177, 111)
.password-container	position	relative
.password-container input[type="password"], .password-container input[type="text"]	width	calc(100% - 40px)
	padding-right	30px
.password-container .toggle- password	position	absolute
	top	50%
	right	10px
	transform	translateY(-50%)
	cursor	pointer

Tableau 33 The CSS styling table for the checklist and password container

7) Article:

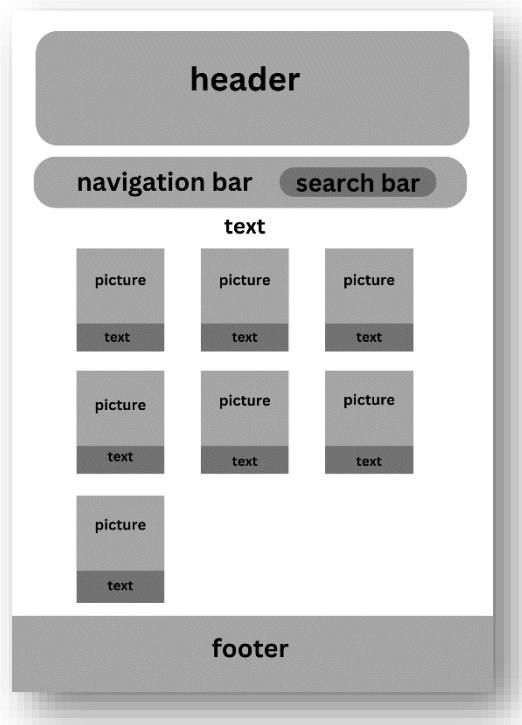


Figure 24 The storyboards for the articles page

The CSS style table that gives the images their size and where they fit:

Selector	Property	Value
.card img	width	100%
	height	200px
	object-fit	cover
	border-radius	0px

Tableau 34 The CSS styling table for card images

The CSS style table that divides the main part into two sections an article one and a side one, and also the styles for the card their background shadow and size along with how they react when hovered over:

Selector	Property	Value
.article-section	flex	2
.articles-container	display	flex
	flex-wrap	wrap
	margin	0 100px 0 100px
	gap	0
	justify-content	space-between
	margin-top	20px
.card	background-color	#FDFAE5
	border-radius	0px
	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	transition	transform 0.3s ease
	cursor	pointer
	display	flex
	flex-direction	column
	align-items	center
	margin-top	20px
	margin	20px
	text-align	center
	width	300px
.card:hover	transform	translateY(-5px)
	box-shadow	0 8px 16px rgba(0, 0, 0, 0.2)

Tableau 35 The CSS styling table for dividing main part of webpage and cards

The CSS style table that gives the text in the card an end even if the actual text in the article is not over:

Selector	Property	Value
.card p	padding	15px
	font-size	14px
	font-family	Lora, serif
	text-align	justify
	margin	10px 0
	flex-grow	1
	overflow	hidden
	text-overflow	ellipsis
	display	-webkit-box
	-webkit-line-clamp	3
	-webkit-box-orient	vertical

Tableau 36 The CSS styling table for text in cards

8) The blog page type 1:

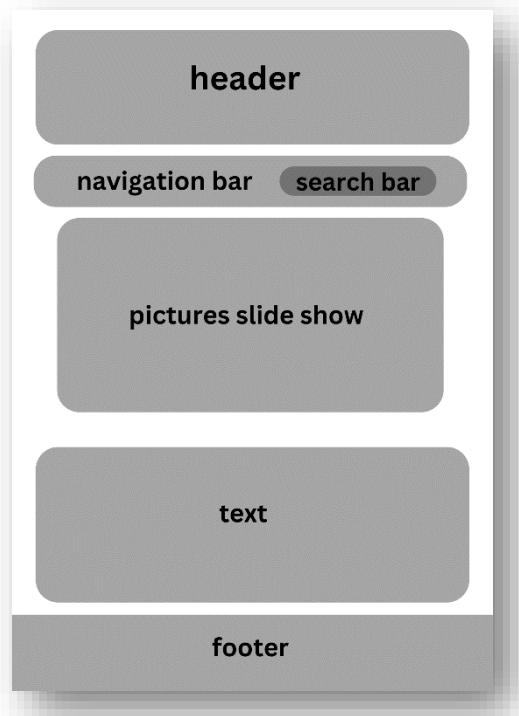


Figure 25 The storyboards for the blog page type 1

The CSS style table for the main part of the page and its margins:

Selector	Property	Value
.main-1	margin	0 20px 20px 20px

Tableau 37 The CSS styling table for main

The CSS style table for the slide show container its size and fit:

Selector	Property	Value
.slideshow-container	position	relative
	max-width	1000px
	margin	auto
	border-radius	10px
	overflow	hidden
	margin-top	20px
.slideshow-container img	width	100%
	height	500px
	vertical-align	middle
	object-fit	cover

Tableau 38 The CSS styling table for the slide show

The CSS style table for the other properties of the slide show the dots that show the progress the way it fades...:

Selector	Property	Value
.dot	height	15px
	width	15px
	margin	0 2px
	background-color	#bbb
	border-radius	50%
	display	inline-block
	transition	background-color 0.6s ease
.active	background-color	#717171
.fade	-webkit-animation-name	fade
	-webkit-animation-duration	1.5s
	animation-name	fade
	animation-duration	1.5s
@-webkit-keyframes fade	from {opacity: .4}	to {opacity: 1}
@keyframes fade	from {opacity: .4}	to {opacity: 1}

Tableau 39 The CSS styling table for more of the slide show

The CSS style table for the previous and next buttons present on the slide show:

Selector	Property	Value
.prev, .next	cursor	pointer
	position	absolute
	top	50%
	width	auto
	padding	16px
	margin-top	-22px
	color	white
	font-weight	bold
	font-size	18px
	transition	0.6s ease
	border-radius	0 3px 3px 0
	user-select	none
.next	right	0
	border-radius	3px 0 0 3px
.prev:hover, .next:hover	background-color	rgba(0,0,0,0.8)

Tableau 40 The CSS styling table for previous and next buttons

9) The article blog type 2:

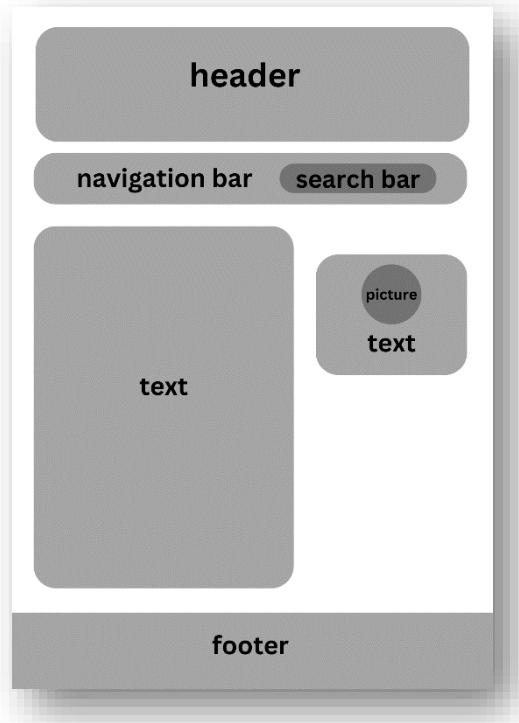


Figure 26 The storyboards for the blog page type 2

The CSS style table for the main part of the webpage its display and margin:

Selector	Property	Value
.main-2	display	flex
	margin	0 20px 20px 20px

Tableau 41 The CSS styling table for main

The CSS style table for the division of the main part of the page into 2 sections article one and the side one:

Selector	Property	Value
.article-section	flex	2
.aside-section	flex	1
	padding-left	40px

Tableau 42 The CSS styling table for dividing main part of webpage

The CSS style table for the card making sure it has a special colour font and font size and that it has a shadow:

Selector	Property	Value
.card	box-shadow	0 4px 8px rgba(0, 0, 0, 0.1)
	padding	20px
	background-color	#FDFAE5
	border-radius	10px
	transition	transform 0.3s
	cursor	pointer
	font-size	medium
	font-family	Lora, serif
	text-align	justify
	box-shadow	0 4px 8px rgba(0,0,0,2)
	margin-top	20px

Tableau 43 The CSS styling table for cards

The CSS style table for the images in the page:

Selector	Property	Value
card img	width	100%
	border-radius	10px
.card:hover	transform	translateY(-3px)
	box-shadow	0 15px 20px rgba(0, 0, 0, 0.2)
.card .round-image	width	300px
	height	300px
	border-radius	50%
	object-fit	cover
	display	block
	margin	10px auto

Tableau 44 The CSS styling table for cards images

3. Testing & Implementation:

Home page:

```
JS searchfunction.js > ...
1  const keywordMapping = {
2      'london': 'london.html',
3      'about me': 'about.html',
4      'contact': 'contact.html',
5      'blog': 'blog.html',
6      'destinations': 'destination.html',
7      'login': 'login.html',
8      'register': 'login.html',
9      'sign up': 'login.html',
10     'sign in': 'login.html',
11     'dubai': "dubai.html",
12     "paris": "paris.html",
13     "tokyo": "tokyo.html"
14 };
15
16 function search() {
17     const inputElement = document.getElementById('searchInput');
18     const input = inputElement.value.toLowerCase().trim();
19     if (keywordMapping.hasOwnProperty(input)) {
20         window.location.href = keywordMapping[input];
21     } else {
22         alert('No results found');
23     }
24 }
```

Figure 27 JavaScript code for the search function

```
<!-- header section with social media links -->
<header>
    <div class="social-bar">
        <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
        <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
        <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
        <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
        <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
    </div>
</header>
<!-- navigation bar -->
<nav>
    <a href="home.html" class="active">Home</a>
    <a href="blog.html">Blog</a>
    <a href="destination.html">Destinations</a>
    <a href="about.html">About</a>
    <a href="contact.html">Contact</a>
    <a href="login.html">Login</a>
</nav>
<!-- background section with search bar-->
<div class="background">
    <input type="text" id="searchInput" placeholder="Search..." >
    <button onclick="search()">Search</button>
    <div id="suggestions" class="suggestions-container"></div>
</div>
```

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```
<!-- login bar-->
<div class="login-section">
    <input type="text" placeholder="Username">
    <input type="password" placeholder="Password">
    <button onclick="login()">Login</button>
</div>

<main>
    <!-- about snippet-->
    <div class="about-snippet" onclick="window.location.href='about.html'">
        <h1>About Us:</h1>
        
        <p>Welcome to Odyssey Aura! We are passionate travelers who
            love to explore new places, cultures, and adventures.
            Our journey started with a simple desire to see the world and has since
            grown into a mission to share our experiences with others.</p>
    </div>

    <!--top articles -->
    <div class="top-articles">
        <h1>Top Articles:</h1>
        <p><a href="dubai.html">Dubai</a></p>
        <p><a href="london.html">London</a></p>
        <p><a href="paris.html">Paris</a></p>
        <p><a href="tokyo.html">Tokyo</a></p>
    </div>
</main>
    <!-- footer -->
    <footer>
        <h4>&copy; 2024 Odyssey Aura</h4>
    </footer>

    <!--JavaScript for search functionality -->
    <script src="searchfunction.js"></script>
```

Figure 28 html code for the home page

```
1 body {  
2     background-color: #FFF0F7;  
3     font-family: Lora, serif;  
4     padding: 0px;  
5     margin: 0;  
6 }  
7 header {  
8     margin: 20px;  
9     display: flex;  
10    justify-content: right;  
11    background: url(header.png);  
12    background-size: cover;  
13    height: 150px;  
14    padding: 30px;  
15    align-items: center;  
16    color: blanchedalmond;  
17    font-size: x-large;  
18    border-radius: 10px ;  
19    box-shadow: 0 0 5px 5px rgba(0,0,0,0.2)  
20 }  
21 header h4{  
22     font-family: Lora, serif;  
23     font-size: 20px;  
24     font-weight: lighter;  
25 }
```

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```

26  .social-bar {
27    display: flex;
28  }
29  .social-bar a {
30    display: block;
31    width: 40px;
32    height: 40px;
33    margin: 0 5px;
34    background-color: #333;
35    color: white;
36    text-align: center;
37    line-height: 40px;
38    border-radius: 50%;
39    transition: background-color 0.3s, box-shadow 0.3s;
40  }
41  .social-bar a:hover {
42    background-color: #555;
43    box-shadow: 0 0 10px rgba(0,0,0,0.2);
44  }
45  .social-bar a i {
46    font-size: 20px;
47  }

48  nav {
49    display: flex;
50    justify-content: center;
51    align-items: center;
52    background-color: #F68CAC;
53    padding: 5px;
54    border-radius: 50px;
55    margin: 20px 20px 0 20px;
56    font-family: Lora, serif;
57    font-size: 16px;
58    box-shadow: 0 0 5px 5px rgba(0,0,0,0.2)
59  }
60  nav a {
61    color: blanchedalmond;
62    text-decoration: dotted;
63    transition: color 0.5s;
64    margin: 10px 10px;
65  }
66  nav a:hover {
67    color: #4e2844;
68    font-weight: bold;
69  }
70  nav a.active {
71    color: #12405c; /* Change to your desired color */
72    text-decoration: underline;
73    font-weight: bold;
74  }

```

```
75  .background {
76    position: relative;
77    width: 97%;
78    height: 400px;
79    background: url('background.jpg') no-repeat center center/cover;
80    display: flex;
81    justify-content: center;
82    align-items: center;
83    margin: 20px;
84    border-radius: 20px;
85  }
86  .background input[type="text"], .background button {
87    padding: 10px;
88    font-size: medium;
89    font-family: 'Times New Roman', Times, serif;
90  }
91  .background button {
92    margin-left: 10px;
93    background: #350430;
94    border: none;
95    color: blanchedalmond;
96    cursor: pointer;
97    transition: background 0.3s;
98    border-radius: 10px;
99  }
100 .background button:hover {
101   background: #FDFAE5;
102   box-shadow: 0 4px 8px rgba(0, 0, 0, 4);
103   transform: translateY(-1px);
104   color: #350430;
105 }
```

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```

# styles.css > ❸ .social-bar a i
106  .login-section {
107      display: flex;
108      justify-content: center;
109      padding: 20px;
110      background-color: ■#D16699;
111      margin-bottom: 20px;
112      margin-left: 20px;
113      margin-right: 20px;
114      border-radius: 10px;
115  }
116  .login-section input[type="text"], .login-section input[type="password"], .login-section button {
117      padding: 10px;
118      font-size: medium;
119      font-family: 'Times New Roman', Times, serif;
120      margin: 5px;
121  }
122  .login-section button {
123      background: □#4e2844;
124      border: none;
125      color: ■blanchedalmond;
126      cursor: pointer;
127      transition: background 0.3s;
128      border-radius: 10px;
129  }
130  .login-section button:hover {
131      background: ■#FDFAE5;
132      box-shadow: 0 4px 8px rgba(0, 0, 0, 4);
133      transform: translateY(-1px);
134      color: □#350430;
135
136  main {
137      display: flex;
138      flex-wrap: wrap;
139      margin: 20px;
140  }
141  .about-snippet {
142      flex: 1;
143      margin: 10px;
144      background-color: ■#FDFAE5;
145      color: □black;
146      padding: 20px;
147      border-radius: 10px;
148      box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
149      transition: transform 0.3s, box-shadow 0.3s;
150      cursor: pointer;
151      text-align: justify;
152      font-family: Lora, serif;
153      font-size: 16px;
154  }
155  .about-snippet h2 {
156      font-size: 30px;
157      text-align: center;
158  }

```

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```

159  .top-articles {
160    flex: 1;
161    margin: 10px;
162    background-color: #FDFAE5;
163    color: black;
164    padding: 20px;
165    border-radius: 10px;
166    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
167    transition: transform 0.3s, box-shadow 0.3s;
168    cursor: pointer;
169    text-align: justify;
170    font-family: Lora, serif;
171    font-size: 16px;
172  }
173  .about-snippet:hover, .top-articles:hover {
174    transform: translateY(-1px);
175    box-shadow: 0 15px 20px rgba(0, 0, 0, 0.2);
176  }
177  .about-snippet img, .top-articles img {
178    width: 100%;
179    border-radius: 10px;
180  }
181  .about-snippet .round-image {
182    width: 150px;
183    height: 150px;
184    border-radius: 50%;
185    object-fit: cover;
186    display: block;
187    margin: 10px auto;
188  }
189  a {
190    color: inherit;
191    text-decoration: none;
192    transition: color 0.3s;
193  }
194  a:hover {
195    color: #4e2844;
196  }
197  .top-articles p a {
198    padding: 5px;
199    padding-left: 20px;
200    display: flex;
201  }

```

```
202 .top-articles p a:hover {  
203     font-weight: bold;  
204 }  
205 .top-articles h1 {  
206     font-size: 35px;  
207     font-family: Ubuntu, sans-serif;  
208     text-align: center;  
209 }  
210 .about-snippet h1 {  
211     font-size: 35px;  
212     font-family: Ubuntu, sans-serif;  
213     text-align: center;  
214 }  
215 footer {  
216     padding: 20px;  
217     background-color: #D16699;  
218     color: #FDFAE5;  
219     text-align: center;  
220 }  
221
```

Figure 29 CSS code for the home page

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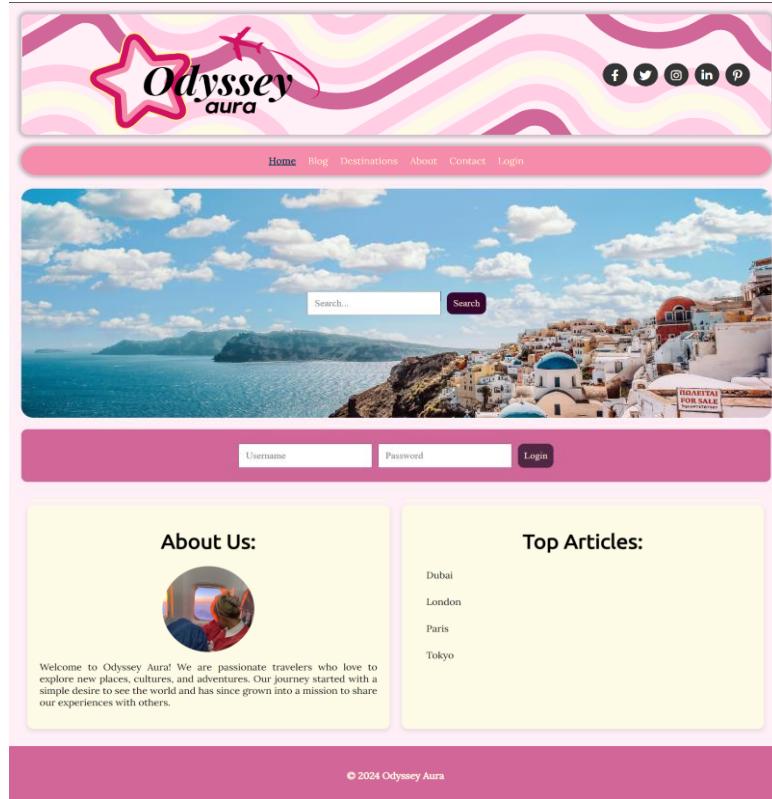


Figure 30 home page

Blog page:

```

1  <!DOCTYPE html>
2  <html>
3      <head>
4          <meta name="viewport" content="width=device-width, initial-scale=1">
5          <title>Blog</title>
6          <!-- Fonts -->
7          <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
8          <!-- Link to CSS file -->
9          <link rel="stylesheet" href="navstyle.css">
10         <!-- social media icons -->
11         <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css"
12     </head>
13     <!-- header with social media bar -->
14     <header>
15         <div class="social-bar">
16             <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
17             <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
18             <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
19             <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
20             <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
21         </div>
22     </header>
23 
```

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```

25      <!-- navigation bar-->
26      <nav>
27          <div class="nav-links">
28              <a href="home.html">Home</a>
29              <a href="blog.html" class="active">Blog</a>
30              <a href="destination.html">Destinations</a>
31              <a href="about.html">About</a>
32              <a href="contact.html">Contact</a>
33              <a href="login.html">Login</a>
34          </div>
35          <!-- search bar-->
36          <div class="search-container">
37              <input type="text" id="searchInput" placeholder="Search...">
38              <button onclick="search()">Search</button>
39          </div>
40      </nav>
41
42      <!-- JavaScript search functionality -->
43      <script src="searchfunction.js"></script>
44
45      <main>
46          <!-- section for latest blog posts -->
47          <section class="article-section">
48              <h1>Latest posts:</h1>
49              <!-- card for Dubai -->
50              <article class="card" onclick="window.location.href='dubai.html';">
51                  <h2>A Week in Dubai</h2>
52                  <p>A nice holiday in the city, Jan 5, 2024</p>
53                  
54                  <p>Introduction to the adventure...</p>
55                  <p>This was a challenging yet exhilarating journey through the rugged mountains. The views were b
56              </article>
57              <!-- card for London -->
58              <article class="card" onclick="window.location.href='london.html';">
59                  <h2>Exploring London</h2>
60                  <p>Urban exploration, Mar 15, 2024</p>
61                  
62                  <p>Introduction to the cityscape...</p>
63                  <p>Walking through the bustling city streets, discovering hidden gems and local culture. The city
64              </article>
65          </section>
66
67          <!-- Side section -->
68          <aside class="aside-section">
69              <!-- About card -->
70              <div class="card card-center" onclick="window.location.href='about.html'">
71                  <h2>About Me:</h2>
72                  
73                  <h3>Click to learn more!</h3>
74                  <p>Hi! I'm an avid traveler and storyteller. Follow my adventures as I explore the world, one des
75              </div>
76              <!-- articles card -->
77              <div class="card card-center" onclick="window.location.href='articles.html'">
78                  <h2>Articles</h2>
79                  <p>Click to see all the blog posts!</p>
80              </div>
81          </aside>
82
83      </main>
84      <!-- footer-->
85      <footer>
86          <h4>&copy; 2024 Odyssey Aura</h4>
87      </footer>
88
89  </body>
90
91 </html>

```

Figure 31 html code for the blog page

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```

1  body {
2      background-color: #FFF0F7;
3      font-family: Lora, serif;
4  }
5  header {
6      margin: 20px;
7      display: flex;
8      justify-content: right;
9      background: url(header.png);
10     background-size: cover;
11     height: 150px;
12     padding: 30px;
13     align-items: center;
14     color: blanchedalmond;
15     font-size: x-large;
16     border-radius: 10px ;
17     box-shadow: 0 0 5px 5px rgba(0,0,0,0.2)
18  }
19  .social-bar {
20      display: flex;
21  }
22  .social-bar a {
23      display: block;
24      width: 40px;
25      height: 40px;
26      margin: 0 5px;
27      background-color: #333;
28      color: white;
29      text-align: center;
30      line-height: 40px;
31      border-radius: 50%;
32      transition: background-color 0.3s, box-shadow 0.3s;
33  }
34  .social-bar a:hover {
35      background-color: #555;
36      box-shadow: 0 0 10px rgba(0,0,0,0.2);
37  }
38  .social-bar a i {
39      font-size: 20px;
40  }

```

Coursework Submission Agreement

```

41  nav {
42      display: flex;
43      justify-content: space-between;
44      align-items: center; /* Ensure items are vertically centered */
45      background-color: #F68CAC;
46      padding: 5px;
47      border-radius: 50px;
48      margin: 20px 20px 0 20px;
49      font-family: Lora, serif;
50      font-size: 16px;
51      box-shadow: 0 0 5px 5px rgba(0,0,0,0.2)
52  }
53
54  nav .nav-links {
55      display: flex;
56      justify-content: center;
57      flex: 1;
58  }
59
60  nav a {
61      color: blanchedalmond;
62      text-decoration: dotted;
63      transition: color 0.5s;
64      margin: 10px;
65  }
60 ∵ nav a {
61      color: blanchedalmond;
62      text-decoration: dotted;
63      transition: color 0.5s;
64      margin: 10px;
65  }
66
67 ∵ nav a:hover {
68      color: #FDFAE5;
69      font-weight: bold;
70  }
71
72 ∵ nav .search-container {
73      display: flex;
74      align-items: center;
75      padding-right: 30px;
76  }
77
78 ∵ nav input[type="text"] {
79      padding: 10px;
80      font-size: medium;
81      font-family: Lora, serif;
82      height: 20px;
83      width: 300px;
84  }

```

Coursework Submission Agreement

```

86  nav button {
87      margin-left: 10px;
88      padding: 10px;
89      font-size: medium;
90      font-family: Lora, serif;
91      background: ■#D16699;
92      border: none;
93      color: ■blanchedalmond;
94      cursor: pointer;
95      transition: background 0.3s;
96      border-radius: 10px;
97      box-shadow: 0 0 5px 5px □rgba(0,0,0,0.2)
98  }
99
100 nav button:hover {
101     background: ■#FDFAE5;
102     box-shadow: 0 4px 8px rgba(0, 0, 0, 4);
103     transform: translateY(-1px);
104     color: ■#F68CAC;
105 }
106 nav a.active {
107     color: □#12405c; |
108     text-decoration: underline;
109 }
110
111 main {
112     display: flex;
113     margin: 0 20px 20px 20px;
114 }
115 .article-section {
116     flex: 2;
117 }
118 .aside-section {
119     flex: 1;
120     padding-left: 40px;
121 }
122 .aside-section h1 {
123     font-size: 35px;
124     font-family: Ubuntu, sans-serif;
125     text-align: center;
126 }
127 .article-section h1 {
128     font-size: 35px;
129     font-family: Ubuntu, sans-serif;
130     text-align: center;
131 }
132
133
134
135
136
137
138 }
```

Coursework Submission Agreement

```

139 .card {
140   box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
141   padding: 20px;
142   background-color: ■#FDFAE5;
143   border-radius: 10px;
144   transition: transform 0.3s;
145   cursor: pointer;
146   font-size: medium;
147   font-family: Lora, serif;
148   text-align: justify;
149   box-shadow: 0 4px 8px rgba(0,0,0,2);
150   margin-top: 20px;
151 }
152 .card h1 {
153   font-size: 35px;
154   font-weight: bold;
155   font-family: Ubuntu, sans-serif;
156   text-align: center;
157   text-decoration: underline;
158 }
159 .card h3 {
160   font-size: 35px;
161   font-weight: bold;
162   font-family: Ubuntu, sans-serif;
163   text-decoration: underline;
164   padding: 0;
165 }
166 .card h2 {
167   font-size: 30px;
168   font-weight: bold;
169   font-family: Ubuntu, sans-serif;
170 }
171 .card p {
172   font-size: 16px;
173   font-family: Lora, serif;
174   text-align: justify;
175   text-indent: 10px ;
176 }
177 .card:hover {
178   transform: translateY(-3px);
179   box-shadow: 0 15px 20px rgba(0, 0, 0, 2);
180 }
181 .card-center {
182   display: flex;
183   flex-direction: column;
184   align-items: center;
185 }

```

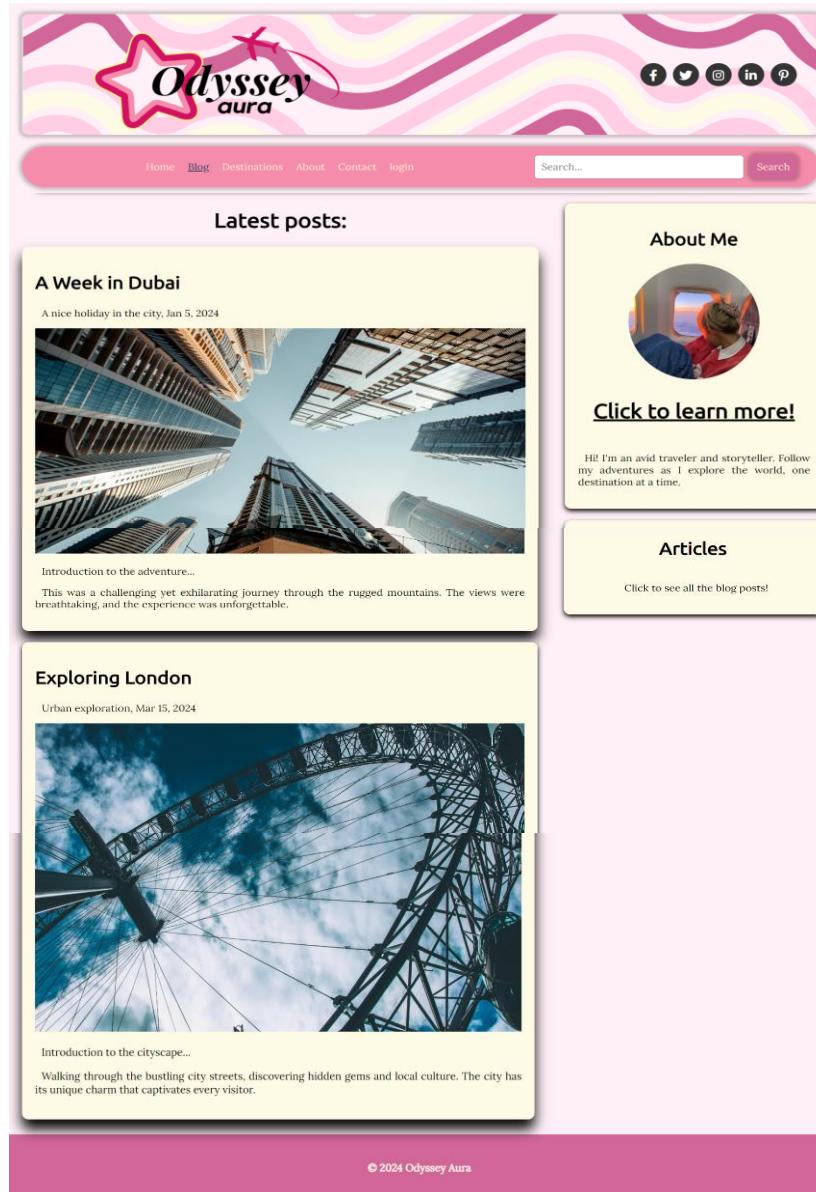
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```

186 .image {
187     background-color: #FDFAE5;
188     padding: 10px;
189     position: left;
190     margin-left: 20px;
191     margin-right: 20px;
192 }
193 .images {
194     margin-top: 60px;
195     margin-left: 20px;
196     margin-bottom: 40px;
197     margin-right: 40px;
198     background-color: #FDFAE5 ;
199     padding: 10px;
200     width: 300px;
201     height: 300px;
202     border-radius: 50%;
203     display: block;
204     object-fit: cover;
205 }
206 .round-image {
207     width: 200px;
208     height: 200px;
209     border-radius: 50%;
210     object-fit: cover;
211 }
212 footer {
213     padding: 20px;
214     background-color: #D16699;
215     color: #FDFAE5;
216     text-align: center;
217 }
```

Figure 32 CSS code for the blog page, the about page, the contact page and the login page

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The screenshot shows the homepage of the **Odyssey aura** website. At the top, there's a decorative header with a pink and yellow starburst graphic containing the text "Odyssey aura". Below it is a navigation bar with links for Home, Blog, Destinations, About, Contact, and login, along with social media icons for Facebook, Twitter, Instagram, LinkedIn, and Pinterest. A search bar is also present.

Latest posts:

A Week in Dubai
A nice holiday in the city. Jan 5, 2024



Introduction to the adventure...
This was a challenging yet exhilarating journey through the rugged mountains. The views were breathtaking, and the experience was unforgettable.

Exploring London
Urban exploration, Mar 15, 2024



Introduction to the cityscape...
Walking through the bustling city streets, discovering hidden gems and local culture. The city has its unique charm that captivates every visitor.

About Me



[Click to learn more!](#)

Hi! I'm an avid traveler and storyteller. Follow my adventures as I explore the world, one destination at a time.

Articles

[Click to see all the blog posts!](#)

© 2024 Odyssey Aura

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Destination:

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <!-- metadata and links to external resources -->
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6     <title>Destinations</title>
7     <!-- fonts -->
8     <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
9     <!-- css file for styles -->
10    <link rel="stylesheet" href="navstyle.css">
11    <!-- css for map styling -->
12    <link rel="stylesheet" href="https://unpkg.com/leaflet/dist/leaflet.css" />
13    <!-- font awesome for social media icons -->
14    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
15 </head>
16 <body>
17     <!-- header section with social media links -->
18 <header>
19     <div class="social-bar">
20         <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
21         <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
22         <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
23         <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
24         <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
25     </div>
26 </header>
27     <!-- navigation menu with search functionality -->
28 <nav>
29     <div class="nav-links">
30         <a href="home.html">Home</a>
31         <a href="blog.html">Blog</a>
32         <a href="destination.html" class="active">Destinations</a>
33         <a href="about.html">About</a>
34         <a href="contact.html">Contact</a>
35         <a href="login.html">Login</a>
36     </div>
37     <!-- search input field and button -->
38     <div class="search-container">
39         <input type="text" id="searchInput" placeholder="Search...">
40         <button onclick="search()">Search</button>
41     </div>
42 </nav>
43     <!-- external javascript file for search functionality -->
44 <script src="searchfunction.js"></script>
45
46     <!-- map container -->
47 <div id="map"></div>
48 <main>
49     <!-- section for articles -->
50 <section class="article-section">
51     <article class="card">
52         <h3>Countries Visited:</h3>
53         <ul id="countriesList"></ul>
54     </article>
55 </section>
56
57     <!-- sidebar section with additional content -->
58 <aside class="aside-section">
59     <div class="card">
60         <h3>Last Country Visited:</h3>
61         <p id="lastCountry">birmingham</p>
62     </div>
63 </aside>
64
65 </main>
66     <!-- footer section -->
67 <footer>
68     <h4>&copy; 2024 Odyssey Aura</h4>
69 </footer>

```

Figure 33 html code for the destination page

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```

71  <!-- leaflet.js for map functionality -->
72  <script src="https://unpkg.com/leaflet/dist/leaflet.js"></script>
73  <script>
74      // create the map
75      var map = L.map('map').setView([20, 0], 2);
76
77      // add a tile layer to the map
78      L.tileLayer('https://s.tile.openstreetmap.org/{z}/{x}/{y}.png', {
79          attribution: '&copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors'
80      }).addTo(map);
81
82      // country data
83      var countries = [
84          { name: 'France', lat: 46.603354, lon: 1.888334, url: 'paris.html' },
85          { name: 'Japan', lat: 36.204824, lon: 138.252924, url: 'tokyo.html' },
86          { name: 'Brazil', lat: -14.235004, lon: -51.92528, url: 'rio.html' },
87          { name: 'United Arab Emirates', lat: 23.424076, lon: 53.847818, url: 'dubai.html' },
88          { name: 'United Kingdom', lat: 55.378051, lon: -3.435973, url: 'london.html' },
89          { name: 'Algeria', lat: 28.033886, lon: 1.659626, url: 'algeria.html' },
90          { name: 'Greece', lat: 39.074208, lon: 21.824312, url: 'greece.html' }
91      ];
92      // add markers to the map and update the countries list
93      var countriesList = document.getElementById('countriesList');
94      var lastCountry = document.getElementById('lastCountry');
95
96      countries.forEach(function(country) {
97          var marker = L.marker([country.lat, country.lon]).addTo(map);
98          marker.bindPopup(country.name);
99          marker.on('click', function() {
100              window.location.href = country.url;
101          });
102      });
103
104      // add country to the list
105      var li = document.createElement('li');
106      var a = document.createElement('a');
107      a.textContent = country.name;
108      a.href = country.url;
109      li.appendChild(a);
110      countriesList.appendChild(li);
111  });
112
113      // set the last country visited (assuming it's the last in the array)
114      lastCountry.textContent = countries[countries.length - 1].name;
115  </script>
116  </body>
117  </html>

```

Figure 34 JavaScript code for the map and the countries list

```

110  #map {
111      height: 500px;
112      width: 97%;
113      margin: 20px 20px 20px 20px;
114      border-radius: 10px;
115      cursor: pointer;
116      box-shadow: 0 0 5px 5px rgba(0,0,0,0.2)
117  }

```

Figure 35 CSS code for the map

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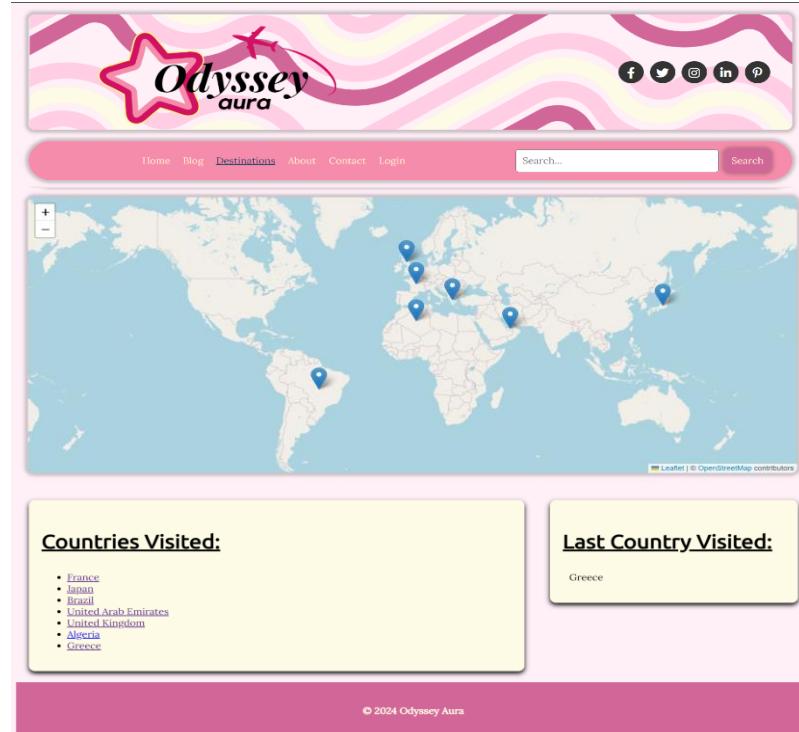


Figure 36 destination page

About:

```
<> about.html > ...
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta name="viewport" content="width=device-width, initial-scale=1">
5       <title>About</title>
6       <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
7       <link rel="stylesheet" href="navstyle.css">
8       <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9   </head>
10  <body>
11      <header>
12          <div class="social-bar">
13              <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
14              <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
15              <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
16              <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
17              <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
18          </div>
19      </header>
```

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```

19      </header>
20      <nav>
21          <div class="nav-links">
22              <a href="home.html">Home</a>
23              <a href="blog.html">Blog</a>
24              <a href="destination.html">Destinations</a>
25              <a href="about.html" class="active">About</a>
26              <a href="contact.html">Contact</a>
27              <a href="login.html">login</a>
28          </div>
29          <div class="search-container">
30              <input type="text" id="searchInput" placeholder="Search...">
31              <button onclick="search()>Search</button>
32          </div>
33      </nav>
34      <script src="searchfunction.js"></script>
35      <main>
36          <section class="article-section">
37              <article class="card">
38                  <h1>About Us</h1>
39                  <h2>Our Journey</h2>
40                  <p>Welcome to Odyssey Aura! We are passionate travelers who love to explore new places, cultures, and adventures. Our journ
41                  <p>From the highest mountains to the deepest oceans, we strive to bring you the most exciting and memorable travel stories.
42                  <h2>Meet the Team</h2>
43                  <p>Our team is made up of travel enthusiasts, photographers, and writers. Together, we aim to inspire and guide fellow trav
44              </article>
45          </section>
46          </section>
47          <aside class="aside-section">
48              
49          </aside>
50      </main>
51      <footer>
52          <h4>&copy; 2024 Odyssey Aura</h4>
53      </footer>
54  </body>
55 </html>

```

Figure 37 html code for the about page

```

193  .images {
194      margin-top: 60px;
195      margin-left: 20px;
196      margin-bottom: 40px;
197      margin-right: 40px;
198      background-color: #FDFAE5 ;
199      padding: 10px;
200      width: 300px;
201      height: 300px;
202      border-radius: 50%;
203      display: block;
204      object-fit: cover;
205  }

```

Figure 38 CSS code for the round image

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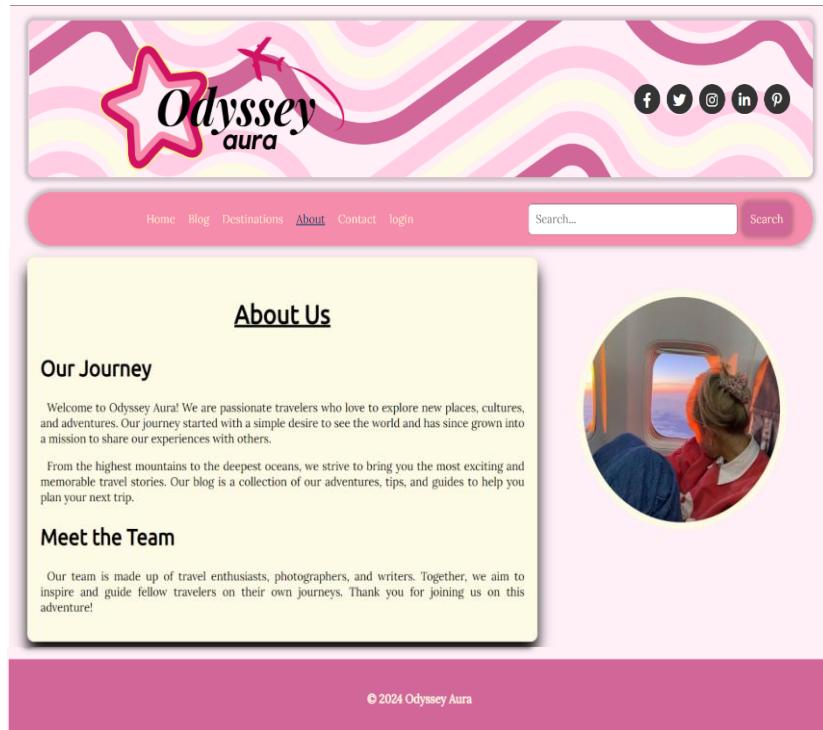


Figure 39 the about page

Contact page:

```

<!-- contact.html -->
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta name="viewport" content="width=device-width, initial-scale=1">
5     <title>Contact</title>
6     <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
7     <link rel="stylesheet" href="navstyle.css">
8     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9   </head>
10  <body>
11    <header>
12      <div class="social-bar">
13        <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
14        <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
15        <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
16        <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
17        <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
18      </div>
19    </header>
20    <nav>
21      <div class="nav-links">
22        <a href="home.html">Home</a>
23        <a href="blog.html">Blog</a>
24        <a href="destination.html">Destinations</a>
25        <a href="about.html">About</a>
26        <a href="contact.html" class="active">Contact</a>
27        <a href="login.html">Login</a>
28      </div>

```

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```

29      <div class="search-container">
30          <input type="text" id="searchInput" placeholder="Search...">
31          <button onclick="search()">Search</button>
32      </div>
33  </nav>
34  <script src="searchfunction.js"></script>
35  <section>
36      <form action="https://formspre.io/f/xrgnnlw" method="POST" onsubmit="return clearForm()">
37          <label>
38              Your email:
39              <input type="email" name="email" required>
40          </label>
41          <label>
42              Your message:
43              <textarea name="message" required></textarea>
44          </label>
45          <button type="submit">Send</button>
46      </form>
47  </section>
48  <footer>
49      <h4>&copy; 2024 Odyssey Aura</h4>
50  </footer>
51  <script>
52      function clearForm() {
53          document.querySelector('form').reset();
54          return true;
55      }
56  </script>
57 </body>
58 </html>
59
60

```

Figure 40 html code for the contact page

```

212  form {
213      background: #806d7e;
214      padding: 20px;
215      border-radius: 10px;
216      box-shadow: 0 0 10px rgba(0,0,0,0.2);
217      margin: 20px;
218      font-size: 16px;
219      font-family: Lora, serif;
220  }
221  input[type="text"], input[type="email"], textarea {
222      padding: 10px;
223      width: 98%;
224      margin: 10px 0px;
225      border-radius: 5px;
226      border: 1px solid #806d7e;
227  }
228  input[type="submit"], button[type="submit"] {
229      background: #F68CAC;
230      color: #efe4ee;
231      padding: 10px 20px;
232      border-radius: 5px;
233      cursor: pointer;
234      border: none;
235      font-size: 16px;
236      font-family: Lora, serif;
237  }

```

Coursework Submission Agreement

```

238  input[type="submit"]:hover, button[type="submit"]:hover {
239    background: #FDFAE5;
240    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.4);
241    transform: translateY(-1px);
242  }
243  input[type="text"], input[type="password"] {
244    padding: 10px;
245    width: 98%;
246    margin: 10px 0px;
247    border-radius: 5px;
248    border: 1px solid #806d7e;
249  }
250  input[type="submit"], button[type="submit"] {
251    background: #F68CAC;
252    color: #efc4ee;
253    padding: 10px 20px;
254    border-radius: 5px;
255    cursor: pointer;
256    border: none;
257    font-size: 16px;
258    font-family: Lora, serif;
259  }
260  input[type="submit"]:hover, button[type="submit"]:hover {
261    background: #FDFAE5;
262    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.4);
263    transform: translateY(-1px);
264  }

```

Figure 41 the CSS code for form

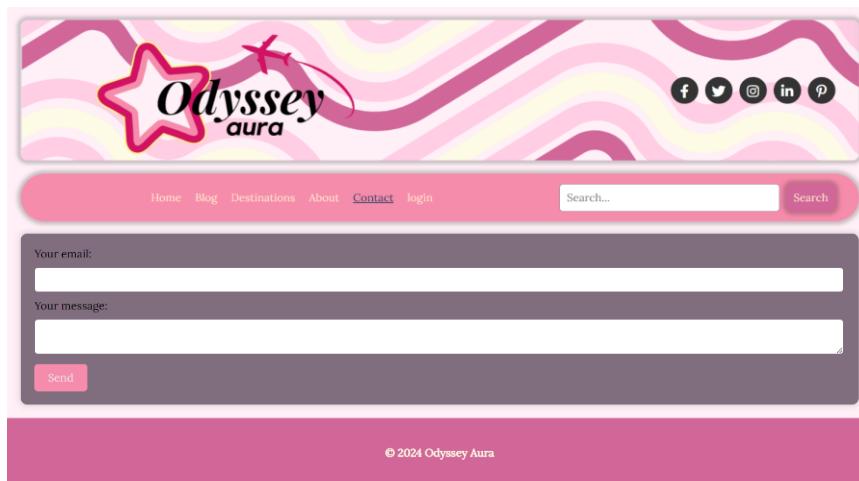


Figure 42 the contact page

Login page:

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```

login.html > html > head > script
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta name="viewport" content="width=device-width, initial-scale=1">
5      <title>Register</title>
6      <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
7      <link rel="stylesheet" href="navstyle.css">
8      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9      <script src="searchfunction.js"></script>
10 </head>
11 <body>
12     <header>
13         <div class="social-bar">
14             <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
15             <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
16             <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
17             <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
18             <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
19         </div>
20     </header>
21     <nav>
22         <div class="nav-links">
23             <a href="home.html">Home</a>
24             <a href="blog.html">Blog</a>
25             <a href="destination.html">Destinations</a>
26             <a href="about.html">About</a>
27             <a href="contact.html">Contact</a>
28             <a href="login.html" class="active">login</a>
29         </div>
30     </nav>
31     <div class="search-container">
32         <input type="text" id="searchInput" placeholder="Search...">
33         <button onclick="search()">Search</button>
34     </div>
35 
36 <section>
37     <form action="/register" method="POST" onsubmit="return validateForm()">
38         <label>
39             Username:
40             <input type="text" name="username" required>
41         </label>
42         <label>
43             Email:
44             <input type="email" name="email" required>
45         </label>
46         <label>
47             Password:
48             <div class="password-container">
49                 <input type="password" name="password" required onkeyup="validatePassword()">
50                 <span class="toggle-password" onclick="togglePassword('password')">
51                     <i class="fas fa-eye"></i>
52                 </span>
53             </div>
54         </label>
55         <label>
56             Confirm Password:
57             <div class="password-container">
58                 <input type="password" name="confirm_password" required>
59                 <span class="toggle-password" onclick="togglePassword('confirm_password')">
60                     <i class="fas fa-eye"></i>
61                 </span>
62             </div>
63         </label>
64         <ul class="checklist">
65             <li id="length" class="invalid">At least 8 characters</li>
66             <li id="number" class="invalid">At least 1 number</li>
67             <li id="special" class="invalid">At least 1 special character</li>
68             <li id="uppercase" class="invalid">At least 1 uppercase letter</li>
69         </ul>
70         <button type="submit">Register</button>
71     </form>
72 </section>
73 <footer>
74     <h4>&copy; 2024 Odyssey Aura</h4>
75 </footer>

```

Figure 43 html code for the login page

Coursework Submission Agreement

```

76 <script>
77     function validatePassword() {
78         const password = document.querySelector('input[name="password"]').value;
79         const length = document.getElementById('length');
80         const number = document.getElementById('number');
81         const special = document.getElementById('special');
82         const uppercase = document.getElementById('uppercase');
83
84         const lengthValid = password.length >= 8;
85         const numberValid = /\d/.test(password);
86         const specialValid = /[!@#$%^&*(),.?":{}|<>_-]/.test(password);
87         const uppercaseValid = /[A-Z]/.test(password);
88
89         length.classList.toggle('valid', lengthValid);
90         number.classList.toggle('valid', numberValid);
91         special.classList.toggle('valid', specialValid);
92         uppercase.classList.toggle('valid', uppercaseValid);
93
94         length.classList.toggle('invalid', !lengthValid);
95         number.classList.toggle('invalid', !numberValid);
96         special.classList.toggle('invalid', !specialValid);
97         uppercase.classList.toggle('invalid', !uppercaseValid);
98     }
99
100    function validateForm() {
101        const password = document.querySelector('input[name="password"]').value;
102        const confirmPassword = document.querySelector('input[name="confirm_password"]').value;
103        const lengthValid = password.length >= 8;
104        const numberValid = /\d/.test(password);
105        const specialValid = /[!@#$%^&*(),.?":{}|<>_-]/.test(password);
106        const uppercaseValid = /[A-Z]/.test(password);
107
108        if (!lengthValid || !numberValid || !specialValid || !uppercaseValid) {
109            alert("Password does not meet the required criteria.");
110            return false;
111        }
112
113        if (password !== confirmPassword) {
114            alert("Passwords do not match.");
115            return false;
116        }
117
118        alert("You are now registered!");
119        window.location.href = "home.html"; // redirect to home page
120
121        return false; // prevent actual form submission for demo purposes
122    }
123
124    function togglePassword(fieldName) {
125        const field = document.querySelector(`input[name="${fieldName}"]`);
126        const icon = field.nextElementSibling.querySelector('i');
127        if (field.type === "password") {
128            field.type = "text";
129            icon.classList.remove('fa-eye');
130            icon.classList.add('fa-eye-slash');
131        } else {
132            field.type = "password";
133            icon.classList.remove('fa-eye-slash');
134            icon.classList.add('fa-eye');
135        }
136    }
137 </script>
138 </body>
139 </html>

```

Figure 44 the JavaScript code for password

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```

273 .checklist {
274     list-style: none;
275     padding: 0;
276 }
277 .checklist li {
278     color: □rgb(113, 16, 92);
279 }
280 .checklist li.valid {
281     color: □rgb(111, 177, 111);
282 }
283 .password-container {
284     position: relative;
285 }
286 .password-container input[type="password"],
287 .password-container input[type="text"] {
288     width: calc(100% - 40px);
289     padding-right: 30px;
290 }
291 .password-container .toggle-password {
292     position: absolute;
293     top: 50%;
294     right: 10px;
295     transform: translateY(-50%);
296     cursor: pointer;
297 }

```

Figure 45 the CSS code for the password

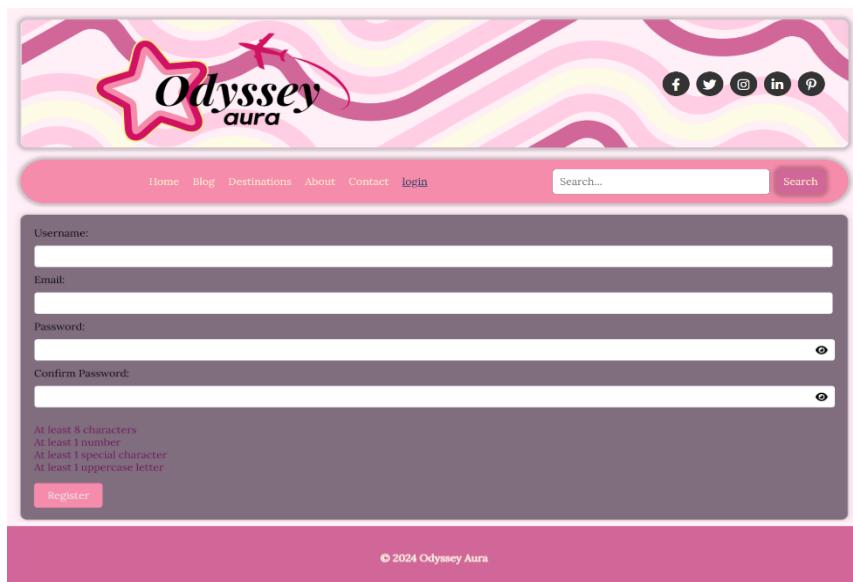


Figure 46 the login page

All articles:

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```

<articles.html> ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta name="viewport" content="width=device-width, initial-scale=1">
5      <title>Articles</title>
6      <link rel="stylesheet" href="stylearticles.css">
7      <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Ubuntu|Lora">
8      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9  </head>
10 <body>
11     <header>
12         <div class="social-bar">
13             <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
14             <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
15             <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
16             <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
17             <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
18         </div>
19     </header>
20     <nav>
21         <div class="nav-links">
22             <a href="home.html">Home</a>
23             <a href="blog.html">Blog</a>
24             <a href="destination.html">Destinations</a>
25             <a href="about.html">About</a>
26             <a href="contact.html">Contact</a>
27             <a href="login.html">login</a>
28         </div>
29         <div class="search-container">
30             <input type="text" id="searchInput" placeholder="Search...">
31             <button onclick="search()">Search</button>
32         </div>
33     </nav>
34     <script src="searchfunction.js"></script>
35
36 <main>
37     <section class="article-section">
38         <h1>All Blog Posts:</h1>
39         <div class="articles-container">
40             <article class="card" onclick="window.location.href='paris.html';">
41                 
42                 <h2>Exploring Paris</h2>
43                 <p>Romantic getaways, Feb 10, 2024</p>
44             </article>
45             <article class="card" onclick="window.location.href='dubai.html';">
46                 
47                 <h2>A Week in Dubai</h2>
48                 <p>A nice holiday in the city, Jan 5, 2024</p>
49             </article>
50             <article class="card" onclick="window.location.href='rio.html';">
51                 
52                 <h2>Discovering Rio</h2>
53                 <p>Vibrant cultures, Apr 20, 2024</p>
54             </article>
55             <article class="card" onclick="window.location.href='tokyo.html';">
56                 
57                 <h2>Exploring Tokyo</h2>
58                 <p>Urban exploration, Mar 15, 2024</p>
59             </article>
60             <article class="card" onclick="window.location.href='london.html';">
61                 
62                 <h2>Exploring London</h2>
63                 <p>Urban exploration, Mar 15, 2024</p>
64             </article>
65             <article class="card" onclick="window.location.href='algiers.html';">
66                 
67                 <h2>Discovering Algiers</h2>
68                 <p>Historical treasures, May 1, 2024</p>
69             </article>
70             <article class="card" onclick="window.location.href='greece.html';">
71                 
72                 <h2>Exploring Greece</h2>
73                 <p>Ancient wonders, Jun 10, 2024</p>
74             </article>
75         </div>
76     </section>
77 </main>
78     <footer>
79         <h4>&copy; 2024 Odyssey Aura</h4>
80     </footer>
81 </body>
82 </html>

```

Figure 47 the html code for the articles page

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```

# stylearticles.css >   .articles-container
1  body {
2      background-color:  #FFF0F7;
3      font: inherit;
4      padding: 0px;
5      margin: 0;
6      font-size: 25px;
7      text-align: center;
8  }
9  header {
10     margin: 20px;
11     display: flex;
12     justify-content: right;
13     background: url(header.png);
14     background-size: cover;
15     height: 150px;
16     padding: 30px;
17     align-items: center;
18     color:  blanchedalmond;
19     font-size: x-large;
20     border-radius: 10px;
21     box-shadow: 0 0 5px 5px  rgba(0,0,0,0.2);
22  }
23 .social-bar {
24     display: flex;
25  }
26 .social-bar a {
27     display: block;
28     width: 40px;
29     height: 40px;
30     margin: 0 5px;
31     background-color:  #333;
32     color:  white;
33     text-align: center;
34     line-height: 40px;
35     border-radius: 50%;
36     transition: background-color 0.3s, box-shadow 0.3s;
37  }
38 .social-bar a:hover {
39     background-color:  #555;
40     box-shadow: 0 0 10px 5px  rgba(0,0,0,0.2);
41  }
42 .social-bar a i {
43     font-size: 20px;
44  }
45 nav {
46     display: flex;
47     justify-content: space-between;
48     align-items: center; /* Ensure items are vertically centered */
49     background-color:  #F68CAC;
50     padding: 5px;
51     border-radius: 50px;
52     margin: 20px 20px 0 20px;
53     font-family: Lora, serif;
54     font-size: 16px;
55     box-shadow: 0 0 5px 5px  rgba(0,0,0,0.2);
56  }
57 nav .nav-links {
58     display: flex;
59     justify-content: center;
60     flex: 1;
61  }
62 nav a {
63     color:  blanchedalmond;
64     text-decoration: dotted;
65     transition: color 0.5s;
66     margin: 10px;
67  }
68 nav a:hover {
69     color:  #FDFAE5;
70     font-weight: bold;
71  }

```

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```

72  nav .search-container {
73    display: flex;
74    align-items: center;
75    padding-right: 30px;
76  }
77
78  nav input[type="text"] {
79    padding: 10px;
80    font-size: medium;
81    font-family: Lora, serif;
82    height: 20px;
83    width: 300px;
84  }
85
86  nav button {
87    margin-left: 10px;
88    padding: 10px;
89    font-size: medium;
90    font-family: Lora, serif;
91    background: #D16999;
92    border: none;
93    color: blanchedalmond;
94    cursor: pointer;
95    transition: background 0.3s;
96    border-radius: 10px;
97    box-shadow: 0 0 5px 5px rgba(0,0,0,0.2);
98  }
99
100 nav button:hover {
101   background: #FDFAE5;
102   box-shadow: 0 4px 8px rgba(0, 0, 0, 4);
103   transform: translateY(-1px);
104   color: #F68CAC;
105 }
106
107 nav a.active {
108   color: #12405c;
109   text-decoration: underline;
110 }
111
112 main {
113   display: flex;
114   margin: 0 20px 20px 20px;
115 }
116
117 .article-section {
118   flex: 2;
119 }
120
121 .articles-container [
122   display: flex;
123   flex-wrap: wrap;
124   margin: 0 100px 0 100px;
125   gap: 0;
126   justify-content: space-between;
127   margin-top: 20px;
128 ]
129 .card {
130   background-color: #FDFAE5;
131   border-radius: 0px;
132   box-shadow: 0 4px 8px 0px rgba(0, 0, 0, 0.1);
133   transition: transform 0.3s ease;
134   cursor: pointer;
135   display: flex;
136   flex-direction: column;
137   align-items: center;
138   margin-top: 20px;
139   margin: 20px;
140   text-align: center;
141   width: 300px;
142 }
143 .card:hover {
144   transform: translateY(-5px);
145   box-shadow: 0 8px 16px 0px rgba(0, 0, 0, 0.2);
146 }
147 .card img {
148   width: 100%;
149   height: 200px;
150   object-fit: cover;
151   border-radius: 0px;
152 }

```

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```

153 .card h2 {
154     padding: 15px;
155     margin-top: 10px;
156     font-size: 20px;
157     font-weight: bold;
158     font-family: Ubuntu, sans-serif;
159 }
160
161 .card p {
162     padding: 15px;
163     font-size: 14px;
164     font-family: Lora, serif;
165     text-align: justify;
166     margin: 10px 0;
167     flex-grow: 1;
168     overflow: hidden;
169     text-overflow: ellipsis;
170     display: -webkit-box;
171     -webkit-line-clamp: 3; /* Number of lines to show */
172     -webkit-box-orient: vertical;
173 }
174
175 footer {
176     padding: 20px;
177     background-color: #D16699;
178     color: #FDFAE5;
179     text-align: center;
180     margin-top: 20px;
181     font-size: 14px;
182     font-family: Lora, serif;
183 }

```

Figure 48 the CSS code for the articles page

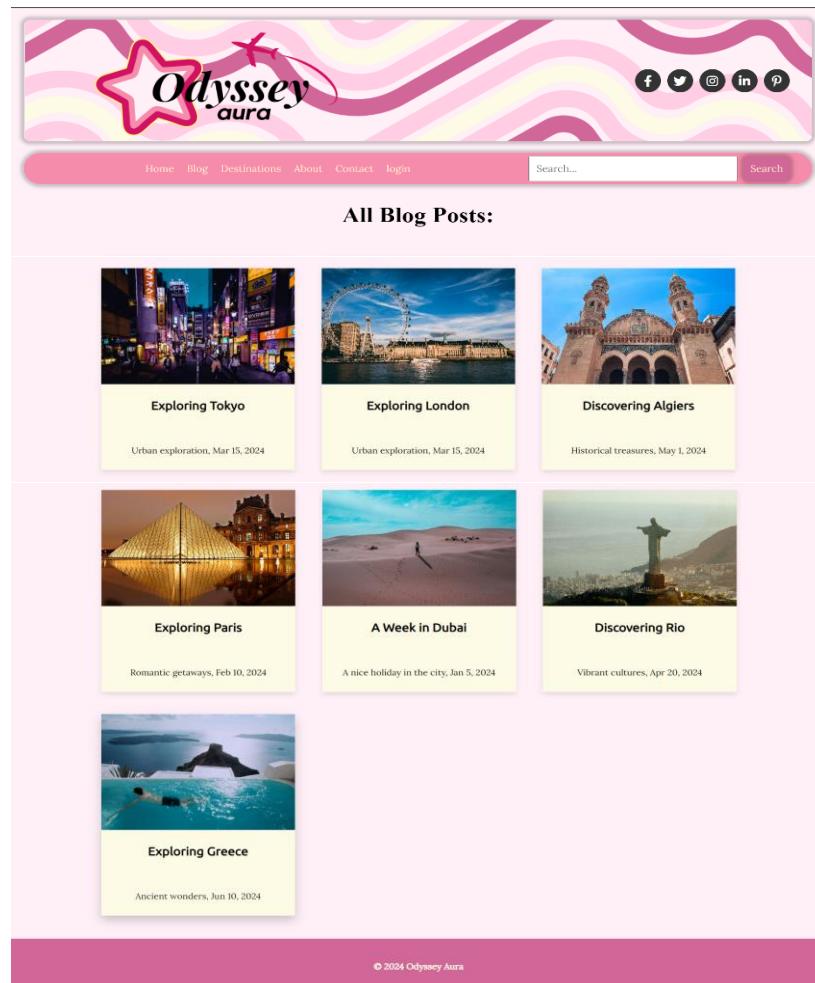


Figure 49 the articles page

Blog page type 1:

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```

1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta name="viewport" content="width=device-width, initial-scale=1">
5       <title>greece - Odyssey Aura</title>
6       <link rel="stylesheet" href="blogstyle.css">
7       <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
8
9   <body>
10    <header>
11        <!-- social media bar -->
12        <div class="social-bar">
13            <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
14            <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
15            <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
16            <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
17            <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
18        </div>
19    </header>
20    <nav>
21        <!-- navigation bar -->
22        <div class="nav-links">
23            <a href="home.html">Home</a>
24            <a href="blog.html">Blog</a>
25            <a href="destination.html">Destinations</a>
26            <a href="about.html">About</a>
27            <a href="contact.html">Contact</a>
28            <a href="login.html">login</a>
29        </div>
30        <!-- search bar -->
31        <div class="search-container">
32            <input type="text" id="searchInput" placeholder="Search...">
33            <button onclick="search()">Search</button>
34        </div>
35    </nav>
36
37    <div class="main-1">
38        <div class="slideshow-container">
39            <!-- slideshow images -->
40            <div class="mySlides fade">
41                
42            </div>
43            <div class="mySlides fade">
44                
45            </div>
46            <div class="mySlides fade">
47                
48            </div>
49            <div class="mySlides fade">
50                
51            </div>
52            <div class="mySlides fade">
53                
54            </div>
55            <div class="mySlides fade">
56                
57            </div>
58            <a class="prev" onclick="plusSlides(-1)">=</a>
59            <a class="next" onclick="plusSlides(1)">=</a>
60        </div>

```

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```

58     <a class="prev" onclick="plusSlides(-1)">#10094;</a>
59     <a class="next" onclick="plusSlides(1)">#10095;</a>
60   </div>
61   <br>
62   <div style="text-align:center">
63     <!-- slideshow navigation dots -->
64     <span class="dot" onclick="currentSlide(1)"></span>
65     <span class="dot" onclick="currentSlide(2)"></span>
66     <span class="dot" onclick="currentSlide(3)"></span>
67     <span class="dot" onclick="currentSlide(4)"></span>
68     <span class="dot" onclick="currentSlide(5)"></span>
69     <span class="dot" onclick="currentSlide(6)"></span>
70   </div>
71   <div class="article-content" style="color: #black;">
72     <h2>Exploring greece</h2>
73     <p>greece, a city known for its futuristic architecture, luxurious shopping experiences, and vibrant nigh
74     <p>from the towering burj khalifa to the sprawling dubai mall, the city offers countless attractions for
75     <p>take a stroll through the historic al fahidi neighborhood, or enjoy a traditional dhow cruise along du
76     <p>whether you're looking to relax on jumeirah beach, explore the desert on a safari, or experience the t
77 </div>
79   <footer>
80     <h4>&copy; 2024 Odyssey Aura</h4>
81   </footer>

```

Figure 50 the html code for the first blog type

```

82   <script>
83     let slideIndex = 1;
84     showSlides(slideIndex);
85
86     function plusSlides(n) {
87       showSlides(slideIndex += n);
88     }
89
90     function currentSlide(n) {
91       showSlides(slideIndex = n);
92     }
93
94     function showSlides(n) {
95       let slides = document.getElementsByClassName("mySlides");
96       let dots = document.getElementsByClassName("dot");
97       if (n > slides.length) {slideIndex = 1}
98       if (n < 1) {slideIndex = slides.length}
99       for (let i = 0; i < slides.length; i++) {
100         slides[i].style.display = "none";
101       }
102       for (let i = 0; i < dots.length; i++) {
103         dots[i].className = dots[i].className.replace(" active", "");
104       }
105       slides[slideIndex-1].style.display = "block";
106       dots[slideIndex-1].className += " active";
107     }
108   </script>

```

Figure 51 JavaScript code for the slideshow

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```

1  body {
2      background-color: #FFF0F7;
3      font: inherit;
4      padding: 0px;
5      margin: 0;
6      font-size: 25px;
7      text-align: center;
8  }
9  header {
10     margin: 20px;
11     display: flex;
12     justify-content: right;
13     background: url(header.png);
14     background-size: cover;
15     height: 150px;
16     padding: 30px;
17     align-items: center;
18     color: blanchedalmond;
19     font-size: x-large;
20     border-radius: 10px;
21     box-shadow: 0 0 5px 5px rgba(0,0,0,0.2);
22 }
23 .social-bar {
24     display: flex;
25 }
26 .social-bar a {
27     display: block;
28     width: 40px;
29     height: 40px;
30     margin: 0 5px;
31     background-color: #333;
32     color: white;
33     text-align: center;
34     line-height: 40px;
35     border-radius: 50%;
36     transition: background-color 0.3s, box-shadow 0.3s;
37 }
38 .social-bar a:hover {
39     background-color: #555;
40     box-shadow: 0 0 10px rgba(0,0,0,0.2);
41 }
42 .social-bar a i {
43     font-size: 20px;
44 }
```

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```

45  nav {
46    display: flex;
47    justify-content: space-between;
48    align-items: center; /* Ensure items are vertically centered */
49    background-color: #F68CAC;
50    padding: 5px;
51    border-radius: 50px;
52    margin: 20px 20px 0 20px;
53    font-family: Lora, serif;
54    font-size: 16px;
55    box-shadow: 0 0 5px 5px rgba(0,0,0,0.2);
56  }
57  nav .nav-links {
58    display: flex;
59    justify-content: center;
60    flex: 1;
61  }
62  nav a {
63    color: #blanchedalmond;
64    text-decoration: dotted;
65    transition: color 0.5s;
66    margin: 10px;
67  }
68  nav a:hover {
69    color: #FDFAE5;
70    font-weight: bold;
71  }
72  nav .search-container [type="text"] {
73    display: flex;
74    align-items: center;
75    padding-right: 30px;
76  }
77
78  nav input[type="text"] {
79    padding: 10px;
80    font-size: medium;
81    font-family: Lora, serif;
82    height: 20px;
83    width: 300px;
84  }
85
86  nav button {
87    margin-left: 10px;
88    padding: 10px;
89    font-size: medium;
90    font-family: Lora, serif;
91    background: #D16699;
92    border: none;
93    color: #blanchedalmond;
94    cursor: pointer;
95    transition: background 0.3s;
96    border-radius: 10px;
97    box-shadow: 0 0 5px 5px rgba(0,0,0,0.2);
98  }

```

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```

100  nav button:hover {
101    background: ■#FDFAE5;
102    box-shadow: 0 4px 8px rgba(0, 0, 0, 4);
103    transform: translateY(-1px);
104    color: ■#F68CAC;
105  }
106
107 nav a.active {
108   color: □#12405c;
109   text-decoration: underline;
110 }
111
112 main {
113   display: flex;
114   margin: 0 20px 20px 20px;
115 }
116
117 .article-section {
118   flex: 2;
119 }
120
121 .articles-container {
122   display: flex;
123   flex-wrap: wrap;
124   margin: 0 100px 0 100px;
125   gap: 0;
126   justify-content: space-between;
127   margin-top: 20px;
128 }
129 .card {
130   background-color: ■#FDFAE5;
131   border-radius: 0px;
132   box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
133   transition: transform 0.3s ease;
134   cursor: pointer;
135   display: flex;
136   flex-direction: column;
137   align-items: center;
138   margin-top: 20px;
139   margin: 20px;
140   text-align: center;
141   width: 300px;
142 }
143 .card:hover {
144   transform: translateY(-5px);
145   box-shadow: 0 8px 16px □rgba(0, 0, 0, 0.2);
146 }
147 .card img {
148   width: 100%;
149   height: 200px;
150   object-fit: cover;
151   border-radius: 0px;
152 }
```

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```

153 .card h2 {
154   padding: 15px;
155   margin-top: 10px;
156   font-size: 20px;
157   font-weight: bold;
158   font-family: Ubuntu, sans-serif;
159 }
160
161 .card p {
162   padding: 15px;
163   font-size: 14px;
164   font-family: Lora, serif;
165   text-align: justify;
166   margin: 10px 0;
167   flex-grow: 1;
168   overflow: hidden;
169   text-overflow: ellipsis;
170   display: -webkit-box;
171   -webkit-line-clamp: 3; /* Number of lines to show */
172   -webkit-box-orient: vertical;
173 }
175 √ footer {
176   padding: 20px;
177   background-color: #D16699;
178   color: #FDFAE5;
179   text-align: center;
180   margin-top: 20px;
181   font-size: 14px;
182   font-family: Lora, serif;
183 }

```

Figure 52 CSS code for the blog pages

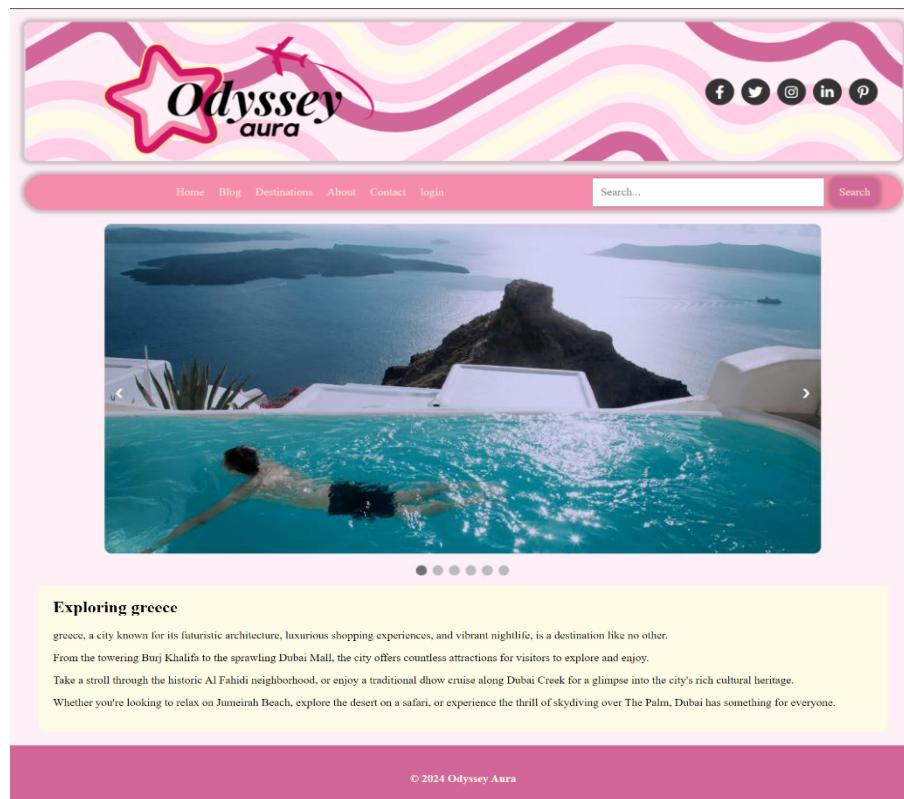


Figure 53 the first type of blog posts

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Blog page type 2:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta name="viewport" content="width=device-width, initial-scale=1">
5      <title>Paris Article - Odyssey Aura</title>
6      <link rel="stylesheet" href="blogstyle.css">
7      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
8  </head>
9  <body>
10     <header>
11         <div class="social-bar">
12             <!-- social media links -->
13             <a href="https://www.facebook.com" target="_blank"><i class="fab fa-facebook-f"></i></a>
14             <a href="https://www.twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>
15             <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>
16             <a href="https://www.linkedin.com" target="_blank"><i class="fab fa-linkedin-in"></i></a>
17             <a href="https://www.pinterest.com" target="_blank"><i class="fab fa-pinterest-p"></i></a>
18         </div>
19     </header>
20     <nav>
21         <div class="nav-links">
22             <!-- navigation links -->
23             <a href="home.html">home</a>
24             <a href="blog.html">blog</a>
25             <a href="destination.html">destinations</a>
26             <a href="about.html">about</a>
27             <a href="contact.html">contact</a>
28             <a href="login.html">login</a>
29         </div>
30         <div class="search-container">
31             <!-- search bar -->
32             <input type="text" id="searchInput" placeholder="search...">
33             <button onclick="search()">search</button>
34         </div>
35     </nav>
36     <!-- external javascript file for search functionality -->
37     <script src="searchfunction.js"></script>
38     <div class="main-2">
39         <section class="article-section">
40             <article class="card">
41                 <h2>paris</h2>
42                 
43                 <!-- article content about paris -->
44                 <p>paris, the capital city of france, is known for its art,
45                     fashion, and culture. often referred to as the "city of light,"
46                     paris is home to iconic landmarks such as the eiffel tower, the louvre museum,
47                     and notre-dame cathedral.</p>
48                 <p>wander through the charming streets of montmartre,
49                     relax in the beautiful luxembourg gardens,
50                     or enjoy a cruise along the seine river for a picturesque view of the city.</p>
51                 
52                 <p>paris offers a rich culinary experience,
53                     from quaint cafes serving fresh pastries to world-renowned restaurants
54                     offering exquisite dining. don't miss trying classic french dishes like croissants,
55                     escargot, and coq au vin.</p>
56                 <p>the city's vibrant art scene is showcased in its numerous galleries and museums
57                     , with masterpieces from artists like van gogh, monet, and da vinci.</p>
58                 
59                 <p>paris is also a shopper's paradise,
60                     with its famous shopping districts such as champs-élysées,
61                     le marais, and the boulevard haussmann, where you can find everything from
62                     high-end fashion to unique boutiques.</p>
```

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```

63 |     <p>whether you're exploring its historic sites,
64 |         savoring its culinary delights, or simply soaking up its romantic ambiance,
65 |             paris is a city that captivates and inspires.</p>
66 |             
67 |             <p>no visit to paris is complete without experiencing its lively nightlife.
68 |                 from cozy wine bars to bustling nightclubs, the city offers a variety
69 |                     of entertainment options for a memorable evening out.</p>
70 |                     <p>paris truly has something for everyone, making it a must-visit
71 |                         destination for travelers from around the world.</p>
72 |                         
73 |                     </article>
74 |                 </section>
75 |                 <aside class="aside-section">
76 |                     <div class="card" onclick="window.location.href='about.html'">
77 |                         <!-- about us section -->
78 |                         
79 |                         <h2>about odyssey aura</h2>
80 |                         <p>welcome to odyssey aura! we are passionate travelers who love to explore new places, cultures, and adventures. our jour
81 |                         </div>
82 |                     </aside>
83 |                 </div>
84 |                 <footer>
85 |                     <!-- footer with copyright information -->
86 |                     <h4>&copy; 2024 odyssey aura</h4>
87 |                 </footer>
88 |             </body>
89 |         </html>

```

Figure 54 the html code for the second blog type

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Figure 55 the second blog type

1. Unit testing:

The home page

In the home page everything is displayed properly the headers background is well centered and the social media icons are displayed properly and working. The search bar is accepting input, and the button triggers the search function.

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The login bar accepts input, and the login button is dynamic even if it isn't linked to anything. The about snippet displays everything like intended and if clicked on takes you to the about webpage.

The top articles card is displayed properly, and the cities sited in it when clicked on take you to the webpages about them.

The Blog page

On the blog page, everything is displayed properly. The header's background is well-centred, and the social media icons are displayed properly and working. The search bar accepts input, and the button triggers the search function.

The navigation bar highlights the current page correctly, indicating that the user is on the blog page.

In the main section, the latest posts are displayed in cards. Each card shows an image, title, date, and text. When clicked, these cards take the user to the detailed post pages, such as for Dubai and London.

The sidebar contains an "About Me" card, which displays an image and text. Clicking this card navigates the user to the about page. Similarly, the "Articles" card invites users to view all blog posts and correctly redirects them to the articles page.

Destination page

On the destinations page, everything is displayed properly. The header's background is centred, and the social media icons are displayed correctly and working. The search bar accepts input, and the button triggers the search function.

The navigation bar highlights the current page, showing that the user is on the destinations page.

In the main section, the map shows the countries visited with markers. Clicking on a marker or a country name takes the user to the respective country's page.

The sidebar shows the last country visited. The information is displayed correctly, and updates dynamically based on the country list.

About page

On the About page, everything looks and works correctly. The header is centred, and the social media icons show up and work properly.

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The navigation bar shows that you are on the About page. The search bar lets you type in text, and the search button works.

In the main section, the "About Us" card is shown properly. It has titles and text about the journey and team. Everything is easy to read and understand.

The sidebar has an image that is displayed correctly.

Contact page

On the Contact page, everything looks and works correctly. The header is centred, and the social media icons show up and work properly.

The navigation bar shows that you are on the Contact page. The search bar lets you type in text, and the search button works.

The contact form is displayed properly. It has fields for your email and message. When you fill it out and press send, the form is submitted correctly. After submission, the form is cleared.

Login page

On the Register page, everything looks and works correctly. The header is centred, and the social media icons show up and work properly.

The navigation bar shows that you are on the Register page. The search bar lets you type in text, and the search button works.

The registration form is displayed properly. It has fields for your username, email, password, and confirm password.

The password field has validation to check for:

- At least 8 characters
- At least 1 number
- At least 1 special character
- At least 1 uppercase letter

When typing in the password field, the validation checks are updated dynamically to show if the criteria are met.

There are "show/hide" buttons for the password fields to toggle visibility.

When you fill out the form correctly and press register, it checks that both passwords match and meet the criteria. If they do, a message is shown saying you are now registered, and it redirects you to the home page.

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Articles page

On the Articles page, everything looks and works correctly. The header is centred, and the social media icons show up and work properly.

The navigation bar shows that you are on the Articles page. The search bar lets you type in text, and the search button works.

The main section has a heading "All Blog Posts:" followed by several articles. Each article is displayed as a card with an image, title, short description, and date.

When you click on any article card, it takes you to a detailed page about that article.

The articles shown include:

- Paris
- Dubai
- Rio
- Tokyo
- London
- Algiers
- Greece

Each article card is visually appealing and gives a brief idea of the content, making it easy for users to find what they are interested in.

Blog page 1

On the blog pages type 1, everything looks and works correctly. The header is centred, and the social media icons show up and work properly.

The search bar lets you type in text, and the search button works.

The slide show displays multiple pictures the previous and next button are working properly.

The card under displays text that is justified like intended

Blog page 2

On the blog page type 2, everything is displayed properly. The header's background is well-centred, and the social media icons are displayed properly and working. The search bar accepts input, and the button triggers the search function.

In the main section, displayed in the card is the text about the city along with some pictures .

The sidebar contains an "About Me" card, which displays an image and text. Clicking this card navigates the user to the about page.

2. Integration testing:

the navigation bar and contact form are seamlessly integrated to enhance user experience:

Navigation Bar:

The navigation bar is designed for easy access to different sections of the blog such as Home, Blog, Destinations, About, Contact, and Login.

It functions properly by directing users to respective pages when clicked, ensuring smooth navigation throughout the site.

It visually indicates the current page, letting the users know about their location on the site.

Contact Form:

The contact form is user-friendly and allows visitors to send messages or inquiries directly to the email box.

It includes fields for entering email addresses and messages, both of which are required for submission.

Upon submission, the form processes the information correctly and sends it to the designated email address.

Validation ensures that all required fields are filled out properly before submission, enhancing data accuracy.



Your email:
nadamerzoug@gmail.com

Your message:
hello

Send

Figure 56 filling the contact form

Thanks!

The form was submitted successfully.

[Go back](#)

Figure 57 the message gotten when press submit

New form submission on A New Form

Someone just submitted a form on null. Here's what they had to say:

email

nadamerzoug@gmail.com

message

hello

Figure 58 the email received in my message box

Your email:

Your message:

 Please fill in this field.

hello

Figure 59 error message appearing if the field is not filled

3. System testing:

Search Bar System Testing:

Functionality: Ensure the search bar accurately finds content when users input queries.

Result Display: Verify correct display of search results for existing content and handle cases where no results are found.

Error Handling: Test for proper handling of unexpected inputs or errors.

Integration: Confirm seamless integration with navigation and content filtering.

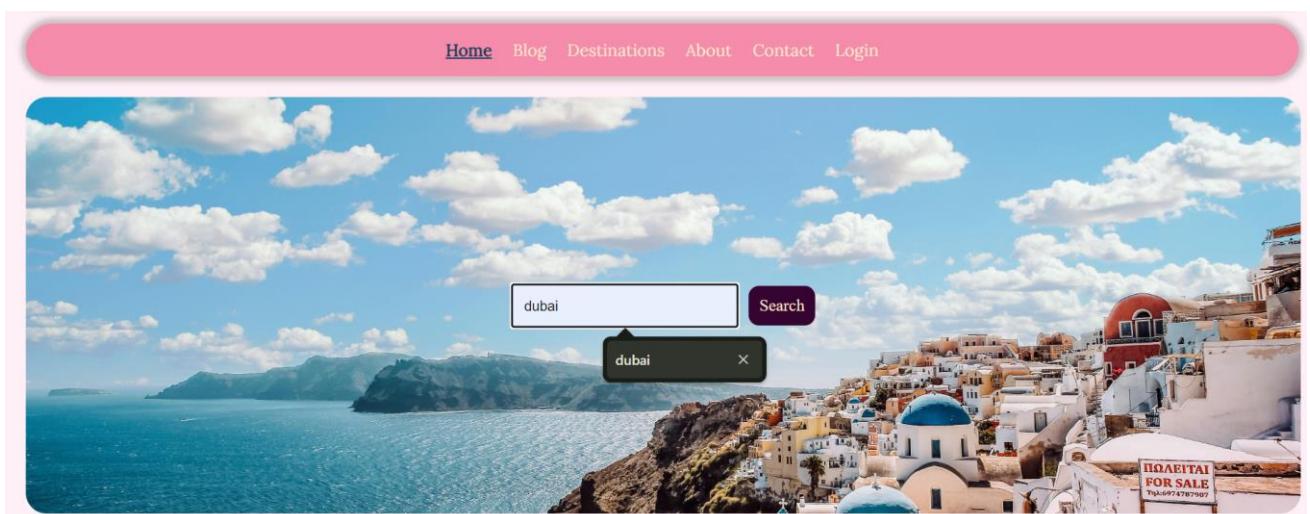


Figure 60 showing the use of search bar

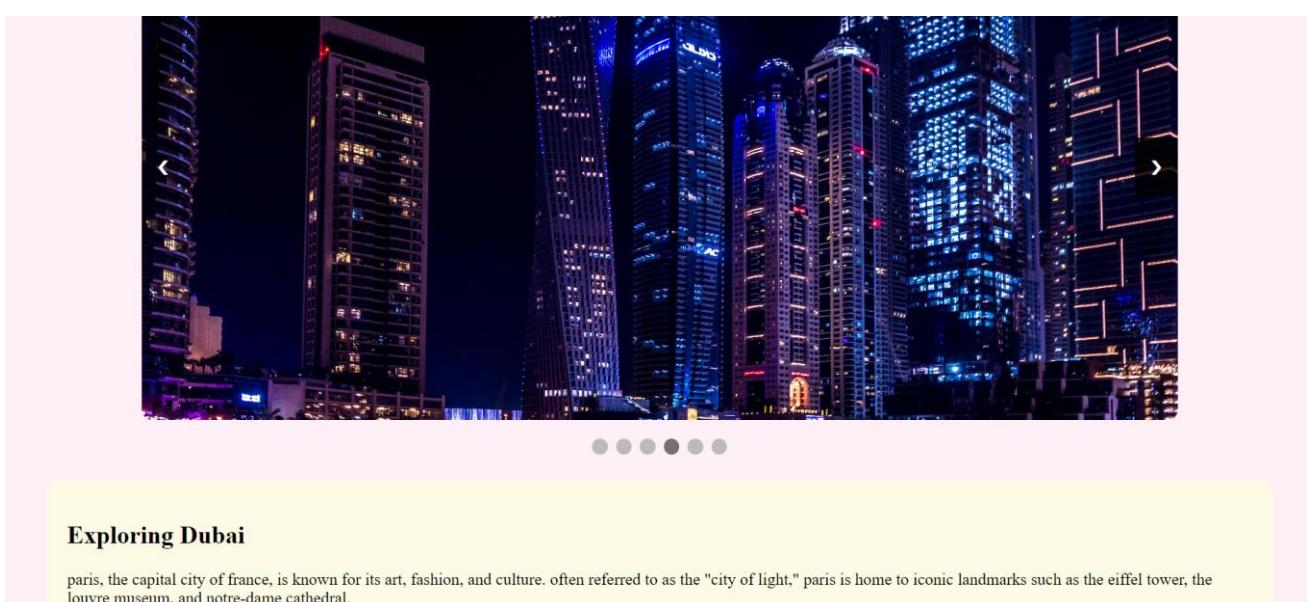


Figure 61 the page opened when the search is executed

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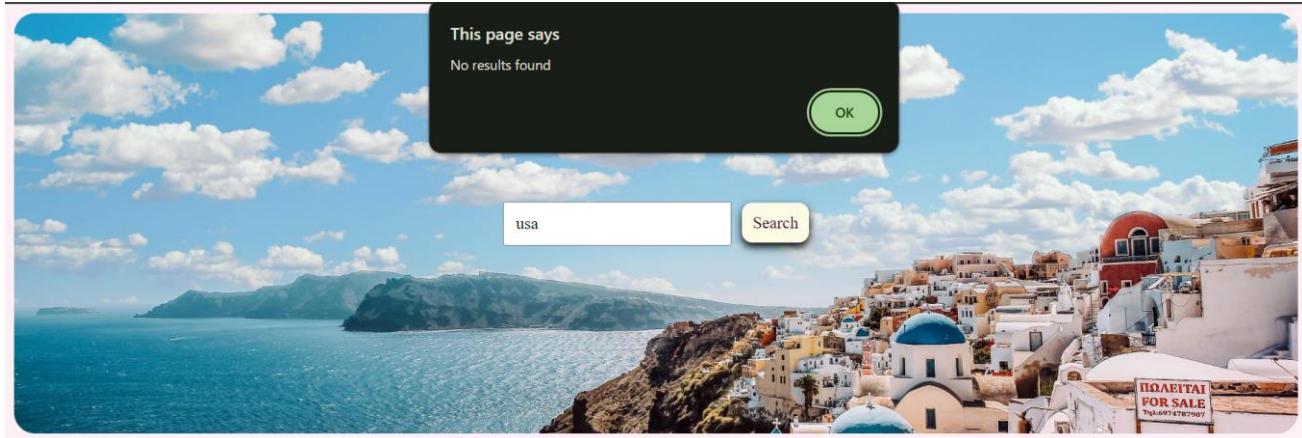


Figure 62 result if the page searched doesn't exist

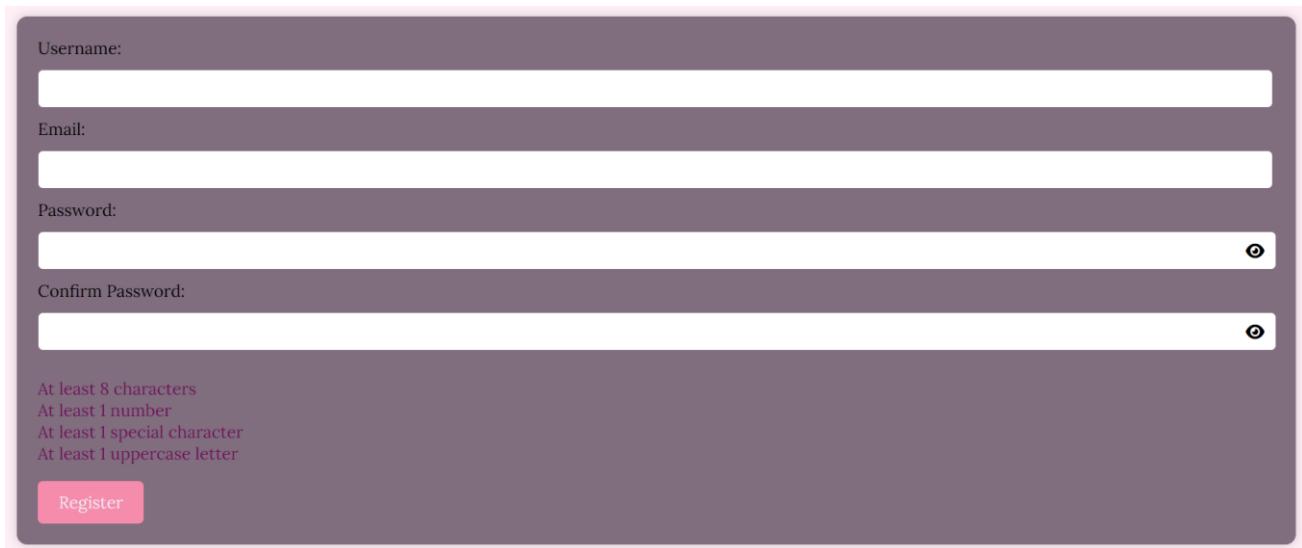
Login Form System Testing:

Authentication: Validate login form allows access with correct credentials.

Field Validation: Check for proper error messages when required fields are left blank.

Password Policy: Ensure enforcement of password criteria like length, complexity, and matching confirmation.

Usability: Test password visibility toggle and overall form responsiveness.



Username:

Email:

Password:

Confirm Password:

At least 8 characters
 At least 1 number
 At least 1 special character
 At least 1 uppercase letter

Register

Figure 63 login form

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Username:
nada

Email:
nadamerzoug@gmail.com

Password:
nadanada09£\$%A

Confirm Password:
.....

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

Register

Figure 64 login form when filled properly meeting the password policy criteria

Username:
nada

Email:
nadamerzoug@gmail.com

Password:
nadanada09£\$%A

Confirm Password:
.....

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

This page says
You are now registered!

OK

Register

Figure 65 results when submitting a proper form

Username:
nada

Email:
nadamerzoug@gmail.com

Password:
.....

Confirm Password:
.....

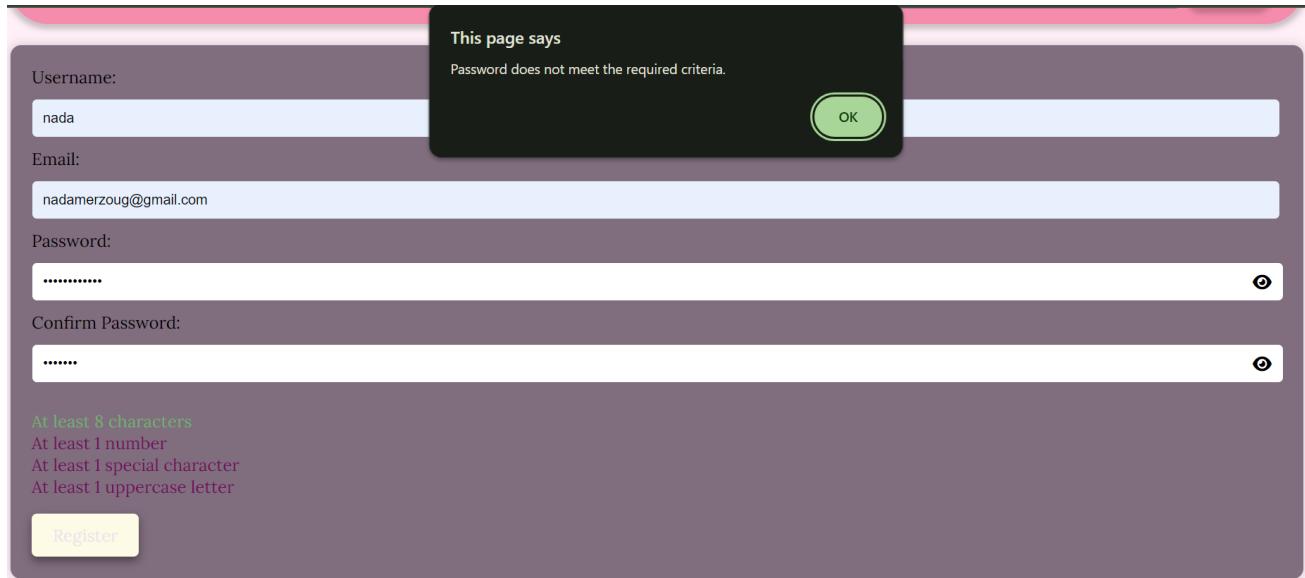
Please fill in this field.

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

Register

Figure 66 results if some of the fields are left blank

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This page says
Password does not meet the required criteria.

OK

Username:

Email:

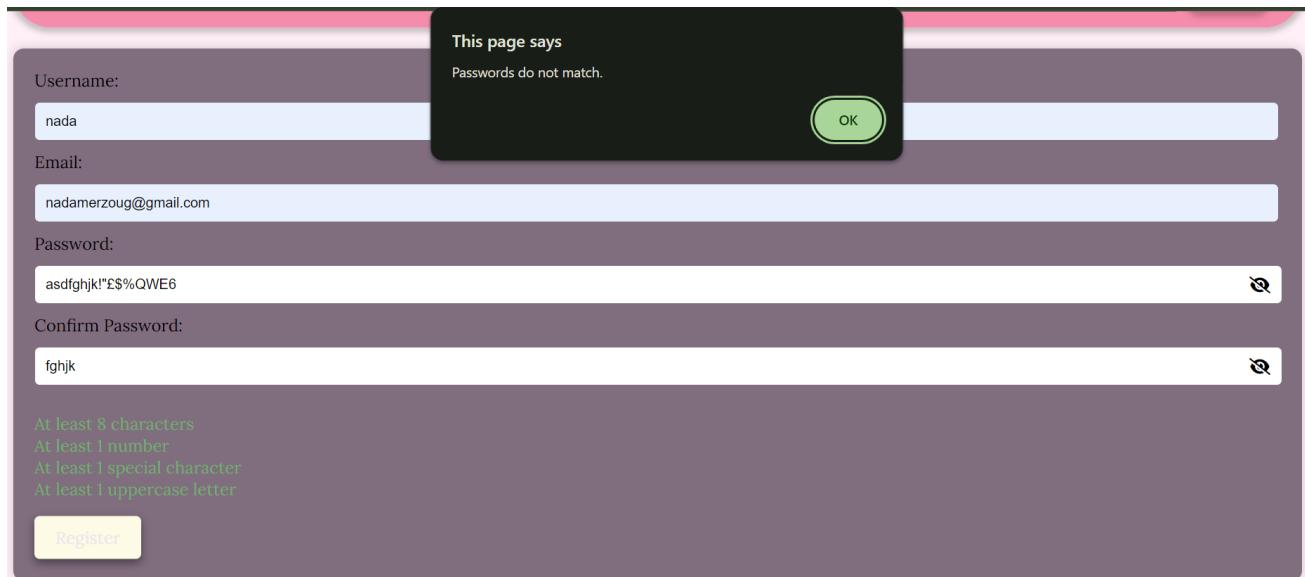
Password:

Confirm Password:

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

[Register](#)

Figure 67 results if you try to submit the password put it does not meet the criteria



This page says
Passwords do not match.

OK

Username:

Email:

Password:

Confirm Password:

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

[Register](#)

Figure 68 results if the passwords do not match

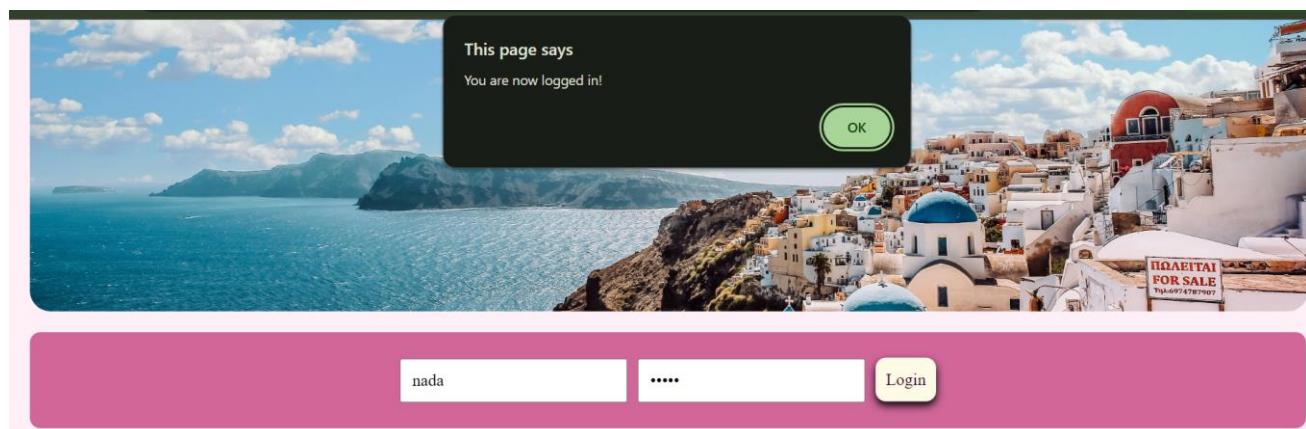


Figure 69 login bar main page

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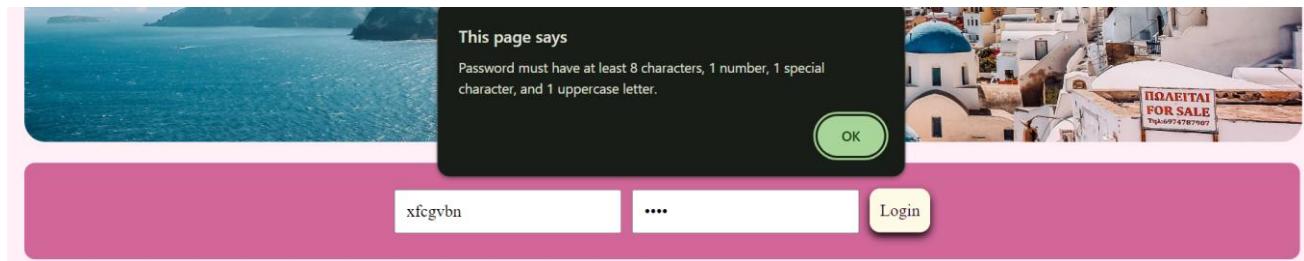


Figure 70 login bar main page if invalid password

4. Website Evaluation & Review (UAT):

4. Questionnaire:

- What is your overall impression of the website's design and layout?
- How easy or difficult is it to navigate through the website?
- Is the content engaging and relevant to the target audience?
- Is the colour scheme and typography consistent and pleasing to the eye?
- Are there any improvements you would suggest enhancing user experience?
- Do interactive elements (e.g., forms, buttons, sliders) work as expected?
- If no say which and how?
- How responsive is the support or contact form if you tested it?

The google form: https://docs.google.com/forms/d/e/1FAIpQLSeCZ6E-12ls1l2XgpnYdA-HMzCb mzGt3352aWv7ZIPbKPZIGg/viewform?usp=sf_link

5. Reflection, critical feedback & review:

Are there any improvements you would suggest to enhance user experience?

1 response

have a login page or registration form instead of just the login bar in the home page

Figure 71 user's feedback

After adding a login page and registration form as requested, the website now lets users sign in or create accounts more easily. This change makes it clearer how to access special parts of the site, making it simpler for users.

Figure 72 before user's feedback

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Username:

Email:

Password:

 (show)

Confirm Password:

 (show)

At least 8 characters
At least 1 number
At least 1 special character
At least 1 uppercase letter

Register

Figure 73 after user's feedback

Are there any improvements you would suggest to enhance user experience? *

change the colour they are too dark

Figure 74 user's feedback

At the time of the feedback this was the colour scheme for the blog :



Figure 75 colour palette before feedback

And it was changed to this colour palette:

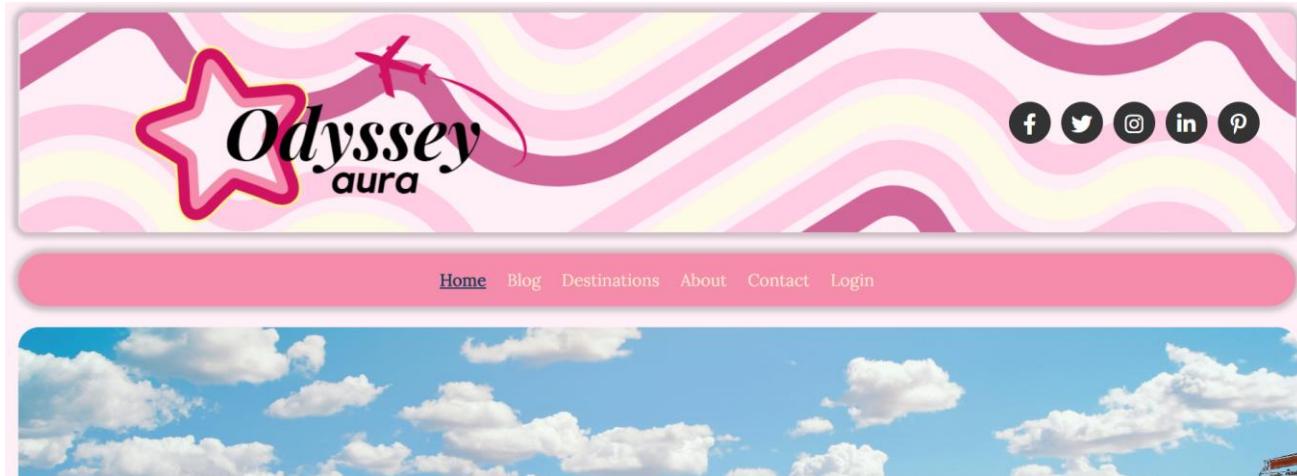


Figure 76 colour palette after feedback

6. Reference list :

w3schools: <https://www.w3schools.com/html/default.asp>

YouTube videos: <https://www.youtube.com/watch?v=FazqJVnrVul>

YouTube videos: <https://www.youtube.com/watch?v=i1FeOOhNnwU>

Inspiration <https://www.emilyluxton.co.uk/> , <https://www.theblondeabroad.com/> ,
<https://www.nomadicmatt.com/travel-blog/>

7. Conclusion :

In conclusion, this travel blog portfolio demonstrates how HTML, CSS, and JavaScript can build an interactive website. It uses responsive design and features like dynamic navigation, search, and user login to enhance user experience. The site showcases destinations and experiences with appealing visuals and content, encouraging users to explore. Overall, this project showcases technical skills and the ability to create an engaging digital platform for travel enthusiasts globally.