

# **TRAVEL ITINERARY – AROUND THE WORLD IN 8 DAYS**

## **FULL STACK PROJECT REPORT**

A Project Report submitted in partial fulfilment of the requirements for  
the award of the degree of

### **Bachelor of Technology**

In

### **Computer Science and Engineering**

By

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Under the Guidance of  
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**GLA University  
Mathura-281406, INDIA  
Dec, 2020**



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Chaumuha, Mathura – 281406 U.P (India)

## **Declaration**

I/we hereby declare that the work which is being presented in the B.tech Project “**Travel Itinerary-Around the world in 8 days**”, in partial fulfilment of the requirements for the award of the **Bachelor of Technology** in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mr Pankaj Kapoor, Technical Trainer, Dept. of CEA, GLA University.**

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

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## **Certificate**

This is to certify that the above statements made by the candidate are correct to the best of my/our knowledge and belief.

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### **Supervisor**

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### **Program Co-ordinator**

( Mr. Shashi Shekar)

## ACKNOWLEDGEMENT

Presenting the ascribed project paper report in this very simple and official form, we would like to place my deep gratitude to GLA University for providing us the instructor Mr. Pankaj Kapoor, our technical trainer and supervisor.

His way of teaching us the Front End Web Development was very productive for us and to provide us with the best learning his blog “Beta-Labs” has been a great resource. All his you tube videos enabled us to keep a hand over our learning well and implement it in our project. Moreover he also urged us to explore our learning in every way possible and provided us time from his own lectures.

And at last but not the least we would like to thank our dear parents for helping us to grab this opportunity to get trained and also my colleagues who helped me find resources during the training.

Thanking You.

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## **ABSTRACT**

In today's era everyone in this world is busy in their day to day schedule, they forget about their own self, fail to love them and to give themselves a break, to wait and think are they actually living what they are working for? Did anyone of actually stop to notice why do people leave their homes and voyage all over the globe? The reasons why people love to travel are varied, and very personal. You might feel like you're stuck in a rut in your daily life. Or you're yearning for something exciting and different. You're craving new experiences and new challenges. Travel is the ideal place to test your inner self. It pushes people to their limits and gets them outside their comfort zone. You'll feel pride when you finish your trip successfully. Overcoming challenges will bring you joy and energy for future tests. You'll realize how capable you are and build your confidence.

Learning is a strong reason why people love to travel. They want to experience something unfamiliar and leave with new skills or knowledge. Every destination has something unique to teach visitors, and immersing themselves in a completely different world is the best learning experience. People may travel to learn something specific: a new language, a new cuisine, aspects of a different culture, or a deeper appreciation of faith or spirituality. As a bonus, they'll take away more than their specific goal. They'll discover totally different ways of doing things. They'll also gain awareness of new customs, cultures, people and places. And because you're actually experiencing this learning in real life, not reading it in a textbook, it will stay with you for a long time. You'll gain a deep sense of satisfaction with the new skills you've learned – and new insights you've gained. There's always a happy reason to take a trip. It's also a good way to gather family and friends from distant corners to mark the milestone. Celebration vacations provide a lasting benefit as well: shared memories for a lifetime. So here we are with our travel blog with incredible travel experiences, curated for you by the pros. It's easy to connect with an advisor who can change your vacations for the better. We have developed this Web based Application using the front end technologies and have collected information from all over the internet and jotted down into this website with all the information one may need to get ready for the trip. Not only about the destination one needs to visit but also about the services we offer like the details about the food, lifestyle culture and unique events of the particular place and even about the accommodation. We have tried to cover up all the details giving it a perfect look of a professional website.

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# CHAPTER 1: INTRODUCTION

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## 1.1 CONTEXT

This Full Stack Project “Travel Itinerary-Around the world in 8 days” has been submitted in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering at GLA University, Mathura supervised by Mr. Pankaj Kapoor. This project has been completed approximately three months and has been executed in modules,

## 1.2 MOTIVATION

In today’s era everyone in this world is busy in their day to day schedule, they forget about their own self, fail to love them and to give themselves a break, to wait and think are they actually living what they are working for? Did anyone of actually stop to notice why do people leave their homes and voyage all over the globe? The reasons why people love to travel are varied, and very personal. You might feel like you’re stuck in a rut in your daily life. Or you’re yearning for something exciting and different. You’re craving new experiences and new challenges. Travel is the ideal place to test your inner self.

Learning is a strong reason why people love to travel. They want to experience something unfamiliar and leave with new skills or knowledge. Seeing the world is more educational than a high school or college class. This condensed crash course in discovering how the rest of the world lives actually will cover subjects like history, geography and sociology. Every destination has something unique to teach visitors, and immersing themselves in a completely different world is the best learning experience.

People may travel to learn something specific: a new language, a new cuisine, aspects of a different culture, or a deeper appreciation of faith or spirituality. As a bonus, they’ll take away more than their specific goal. They’ll discover totally different ways of doing things. They’ll also gain awareness of new customs, cultures, people and places. And because you’re actually experiencing this learning in real life, not reading it in a textbook, it will stay with you for a long time. You’ll gain a deep sense of satisfaction with the new skills you’ve

learned – and new insights you’ve gained. Therefore travelling is important part too One who travels live a thousand lives in a single one.

## 1.3 OBJECTIVE

Travel Itinerary is a web based application which is actually a complete package for a tour, for those people who are willing to fulfil their wanderlust in them .This application will sponser a tour of eight days around world’s different countries telling them about the places they would love to visit, giving the sights of excursion through the city, and giving details about the lifestyle of different people in foreign countries, culture and unique events of the place they are visiting. Adding to this, we also suggested hotels and restaurants nearby the places so as to be a complete guide and details about the accommodation. We have also provided a facility to compare a book flights and visit these places.

Also the tours we have made differ on the type of people and the type of holiday one wants to spend in. So we have classified our tour package into four for four different kinds of people. Each tour will be of eight days and the places are selected according to the theme of the tour. As travelling is a varied choice in various people.

This web application will be a complete set of guidelines for those individuals who want to know details of places they want to visit and get everything without chaos, hustle and bustle.

## 1.4 SOURCES

The sources of our project (including all the project work, documentations and presentations) will is available at the following link:

<https://github.com/nidhi2611/Travel-Itinerary---Around-the-world-in-8-days>

and this is the live link of our website:

<https://nidhi2611.github.io/Travel-Itinerary---Around-the-world-in-8-days/>

and this is the working video of our project

<https://github.com/nidhi2611/Travel-Itinerary---Around-the-world-in-8-days/blob/master/Documentation/project%20video.mp4>

## CHAPTER 2: SOFTWARE REQUIREMENT ANALYSIS

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### 2.1 IMPORTANCE OF TRAVELLING

Why do people leave their homes and voyage all over the globe? The reasons why people love to travel are varied, and very personal.

**Challenging yourself.:** One might feel like being stuck in a rut in daily life or yearning for something exciting and different, craving new experiences and new challenges. Travel is the ideal place to test one-self. It pushes people to their limits and gets them outside their comfort zone. One may discover how resourceful one is when exposed to new places, people and experiences. Maybe it's finding way around a busy city or ordering a meal when you don't speak the language. One may feel proud when one finishes the trip successfully. Overcoming challenges will bring joy and energy for future tests and realize how capable one is and build one's confidence.

**Learning :** Learning is a strong reason why people love to travel. They want to experience something unfamiliar and leave with new skills or knowledge. Seeing the world is more educational than a high school or college class. This condensed crash course in discovering how the rest of the world lives actually will cover subjects like history, geography and sociology. Every destination has something unique to teach visitors, and immersing themselves in a completely different world is the best learning experience. People may travel to learn something specific: a new language, a new cuisine, aspects of a different culture, or a deeper appreciation of faith or spirituality. As a bonus, they'll take away more than their specific goal. They'll discover totally different ways of doing things. They'll also gain awareness of new customs, cultures, people and places. And because you're actually experiencing this learning in real life, not reading it in a textbook, it will stay with you for a long time. You'll gain a deep sense of satisfaction with the new skills you've learned – and new insights you've gained. By being exposed to new places, people and cultures, you'll develop a wider world view.

**Expanding one's perspective :** Another reason why people love to travel: it helps open your mind. You realize that there's no one way to live life. Meeting people from other places will

show you that your world view isn't the same as everyone else's. You can't imagine how different life is in another place until you see for yourself. Everything from work to family to beliefs to interests is not what you might expect from your own experience. The different setting will also help you discover and consider fresh ideas you hadn't thought of before. You'll come home with different notions and possibilities. By being exposed to new places, people and cultures, you'll develop a wider world view. And that will make you a better-rounded global citizen. It's a great reward and big reason why people love to travel.

**Getting in touch with yourself :** Getting away from home gives you the opportunity to reflect life. You have the needed time and space to let your mind wander and take stock. Traveling is one of the best ways to learn more about yourself. Every day traveling brings a new set of issues and opportunities. The way you handle those also gives you insight into who you are. You'll come home knowing yourself better, and with a fresh perspective on what you want out of life. The experience will change your life.

**Appreciating your life :** When you're mired in your daily life, it's easy to lose sight of what you have. Your eyes aren't open to what's really special about your home. Exploring another place will give you a fresh appreciation for your hometown, country and "real life." Once you're back, you'll feel lucky to live where you do. You'll see that there really is no place like home. Travel is an ideal opportunity for families to connect with each other.

**Building and strengthening relationships :** The shared experience of travel brings people together. A family getaway, a romantic trip, or long weekend with the girls or guys can strengthen important bonds. With the demands of today's lifestyle, and relatives spread across the country and world, families don't have much time together.

That travel could be grandparents, parents and children together on a Caribbean cruise. Or it could be parents and children going across the country to visit Grandma and Grandpa at their home. Or just the immediate family renting a Mediterranean villa. Whatever it looks like, travel is an opportunity to connect with each other. It may even smooth over any family grudges and build happier relationships. Couples, too, need to bond with each other away from home and work demands. Sharing travel experiences can ignite fresh sparks that last long after the couple returns home.

Travel is a special way to deepen friendships as well. Whether it's a quick ski break with co-workers or a week-long sun-and-sand getaway with your high school gang, travel will remind you why you became friends with them in the first place, and how good it is to spend focused time together.

Travel is also a great opportunity to make new friends – either fellow travellers or locals. Meeting and befriending new people is a valuable travel benefit. And once you've bonded, new possibilities for future travel unfold – either to visit them or journey with them. Conquering fresh territory is part of the exhilaration of travel.

**Having an adventure :** Conquering fresh territory is exhilarating - and one more reason why people love to travel. Humans crave new experiences and travel lets us tap into that craving. A trip is the perfect time to do something different and exciting, especially something you can't do at home. The thrill starts the minute you land in a new place. Conquering that territory could be trying spicy Thai street food or conversing in Madrid with your rusty college Spanish. Or it could be a physical experience, like scuba diving the Great Barrier Reef or hiking the Inca Trail to Machu Picchu. You'll have lots of fun. You'll revel in the rush you get from your exploits. You'll feel a sense of accomplishment. And you'll return home with the best souvenir of all: a memory of your incredible adventure.

**Escaping :** A demanding job. Travel can be a great relief from the stress and unhappiness that come along with those. People seek from their travels what they don't have back home: better weather, nicer scenery, the freedom to do what they want, experiences they can't normally have, a slower relaxing pace. Admiring masterpieces in the Louvre or lying on a Hawaiian beach are wonderful breaks from the regular grind.

Travel is particularly helpful for workaholics who have trouble leaving their job behind. Stepping away from the workplace is good for you both mentally and physically. When you return to the job, you'll have had the space to look at issues with fresh eyes. Travel has the power to let you not only escape but also heal. A new place with lots of fun distractions can work wonders. You'll return home more at peace with yourself and your challenging situations.

**Relaxing and rejuvenating :** Maybe you're not looking to escape your problems. But everyone can benefit from a break from our usual diets of all work and no play. You may not

realize how much you need to disconnect from the ever-present pressure of being available by phone, email or social media. A restful vacation is just what you need to renew yourself.

**Celebrating :** There's always a happy reason to take a trip. It could be a landmark birthday or anniversary or graduation, a wedding or pre-wedding festivities. Even a babymoon before a little one arrives. A special occasion is made even more special by celebrating away from the hectic pace of life at home. It's also a good way to gather family and friends from distant corners to mark the milestone. Celebration vacations provide a lasting benefit as well: shared memories for a lifetime.

## 2.2 TYPES OF TOURS

- **Adventure Tour :** Adventure tourism is a new concept in the tourism industry. Tourism industry adopted adventure tourism. Adventure travel is a leisure activity that takes place in an unusual, exotic, remote or wilderness destination. It tends to be associated with high levels of activity by the participant, most of it outdoors. Adventure travellers expect to experience various level of risk, excitement, tranquility and be personally tested. In particular, they are explorers of unspoiled, exotic parts of the planet and also seek personal challenges. Adventure tourism is a type of tourism in which tourist do some adventures activities like as skydiving, hill climbing, scuba diving. Adventure tourism is very popular among young age tourists. Adventure tourism gains much of its excitement by allowing the tourists to step outside their comfort zone. This may be from experiencing cultural shock or through the performance of acts, that required some degree of risk (real or perceived) and physical danger.
- **Take a break Tour :** This type of tour is especially meant for people who want to get a real break from life, away from the 9 to 5 workplace and the daily routines from professional phone calls and everything from which the one is fed up of. This tour will be enjoying life like never before and after, carefree. Roaming like hippies around the destinations, enjoying events at different cities. enjoying life of foreign people and much more and everything that makes one happy relieved at satisfied.

- **Family Tour** : One of the adventures of group travels is diversity of people you get to share your experience with. Family trips are great way for individuals and children to meet up and interact with each other and roam around the world learn values like sharing and caring and building relationships.
- **Treat for Photographers** : People interested in photography have a different perspective and look at the world with the vision not everyone can see. So travelling for them is very fruitful as they get to explore their vision, roam, create and create memories.

## 2.3 TRAVEL ITINERARY USING FRONT END TECHNOLOGY

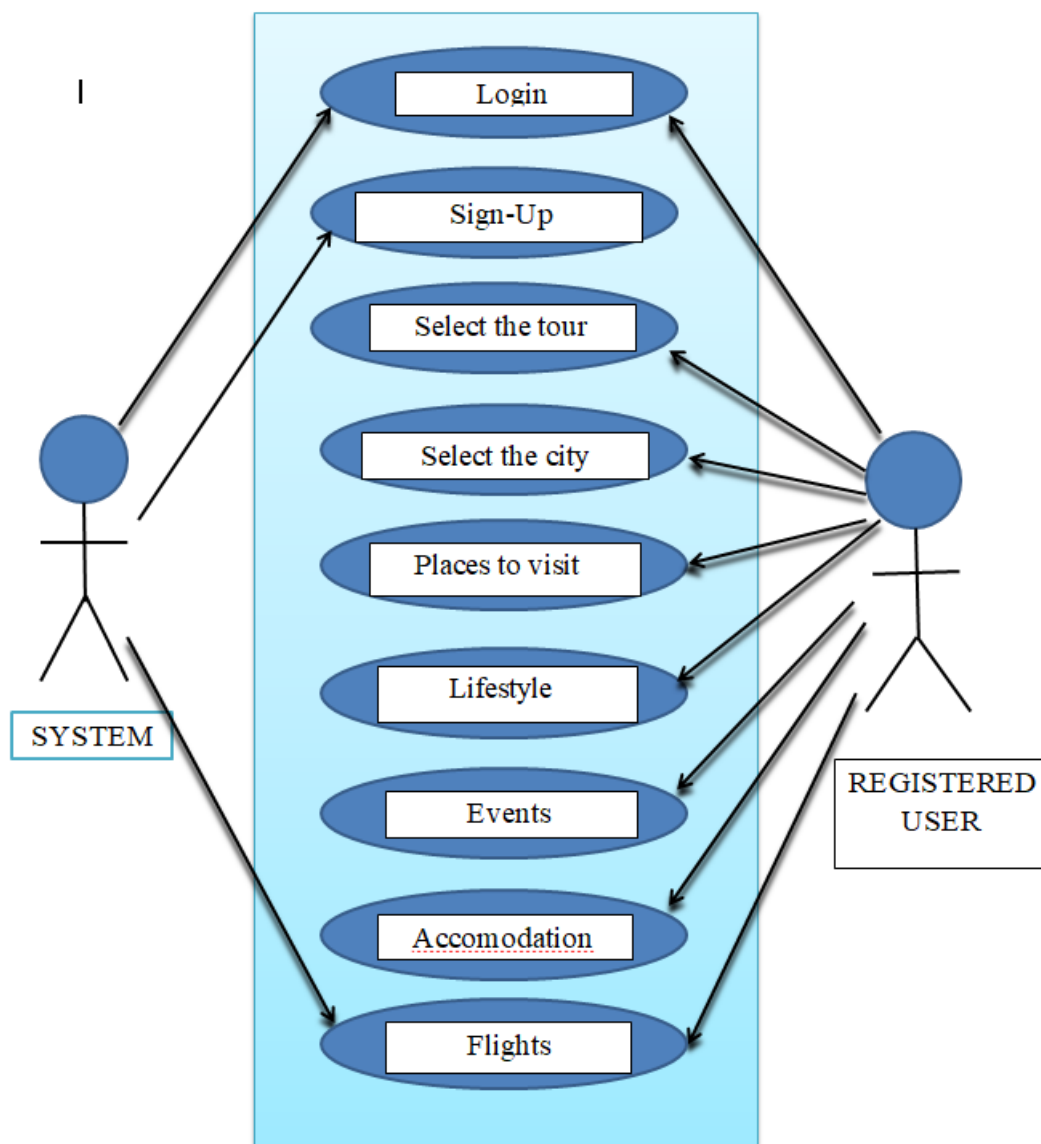
We have made this web based application Travel Itinerary using the front end technology HTML, CSS, Javascript, Bootstrap and JQuery. Whole of our project gives the idea to travellers to explore their wanderlust. As we visit the link of our website, we will encounter the splash screen and then comes the homepage of our website giving details of all the four tours and for which type of people it is meant. As one clicks on the tour, he or she is redirected to the home page of that particular tour. After reaching the home page of the particular tour, you can discover everything and anything about that tour, the 8 cities it hold and clicking on the banner of every city you'll be redirected to the particular city page that consists of the various places of visit in the city, the lifestyle of the people of the city, the various unique event that the city rejoices in, the accommodation for travellers available in the city, the flights to the city and a way to book your tour. Each tour consists of number of photographs and videos keeping the urge to visit the city alive. We have used HTML to create the basic structure of our page and CSS to modify the page layout in different ways sometimes using the flash cards and making grids. For making the page responsive , we have used the media queries using CSS and at some places we have using Bootstrap like for making the navigation bar of every page responsive, for making the image gallery and the

grids responsive and sometimes enabling the flashcards to be responsive as well. We have also designed a image corousel at our homepage to give it a better feel of professional website. To provide interactivity to the page, we have used Javascript at various places like for the validation of login and signup form, to display the text in the typewriter for, to enable the splash screen of the tours, and the gallery created in tour 1. All the way we have tries to fully implement all the front end technology we have learnt this while giving travel itinerary a complete blog for those who wish to take a break from life.

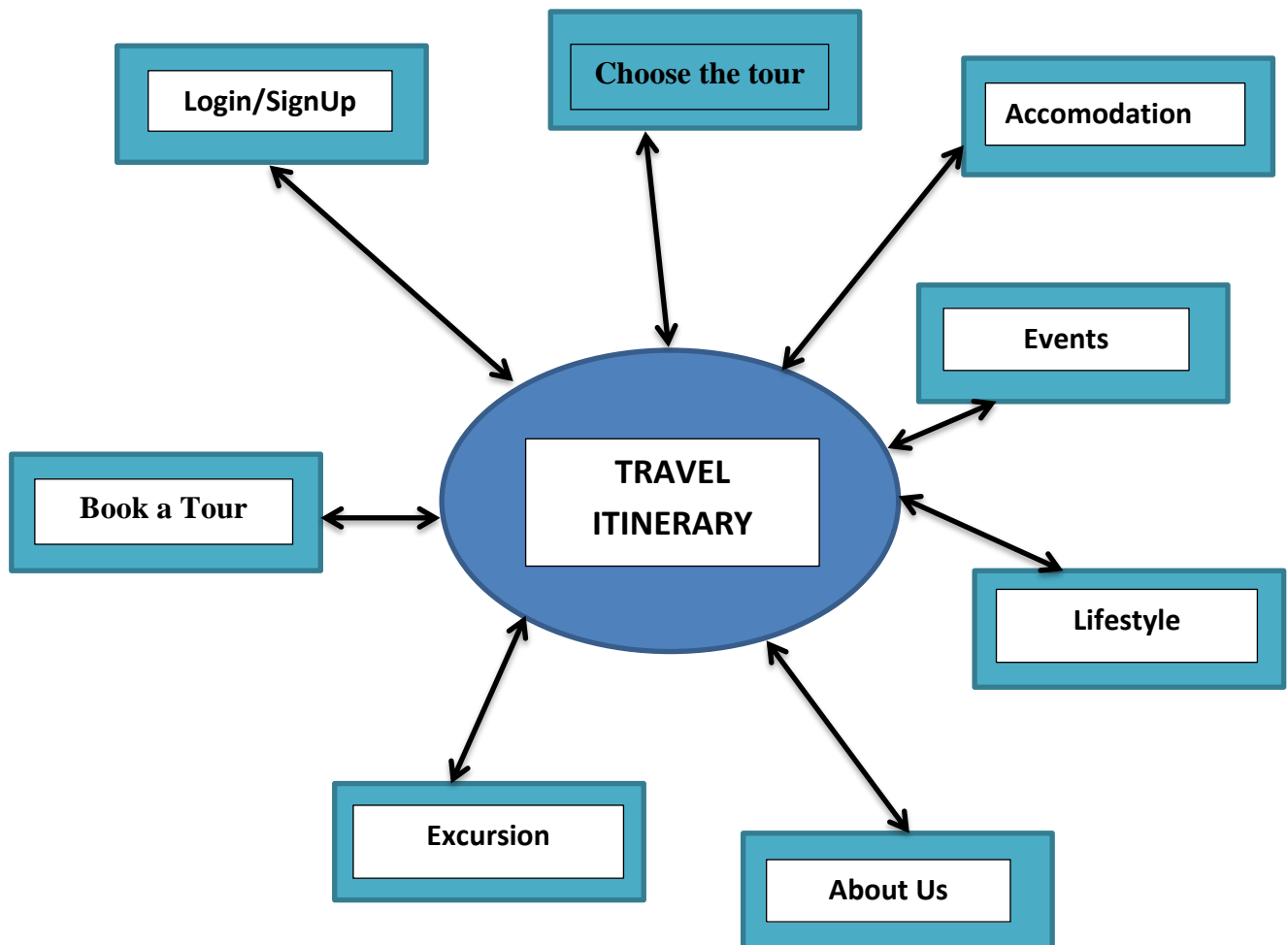


## CHAPTER 3: SOFTWARE DESIGN

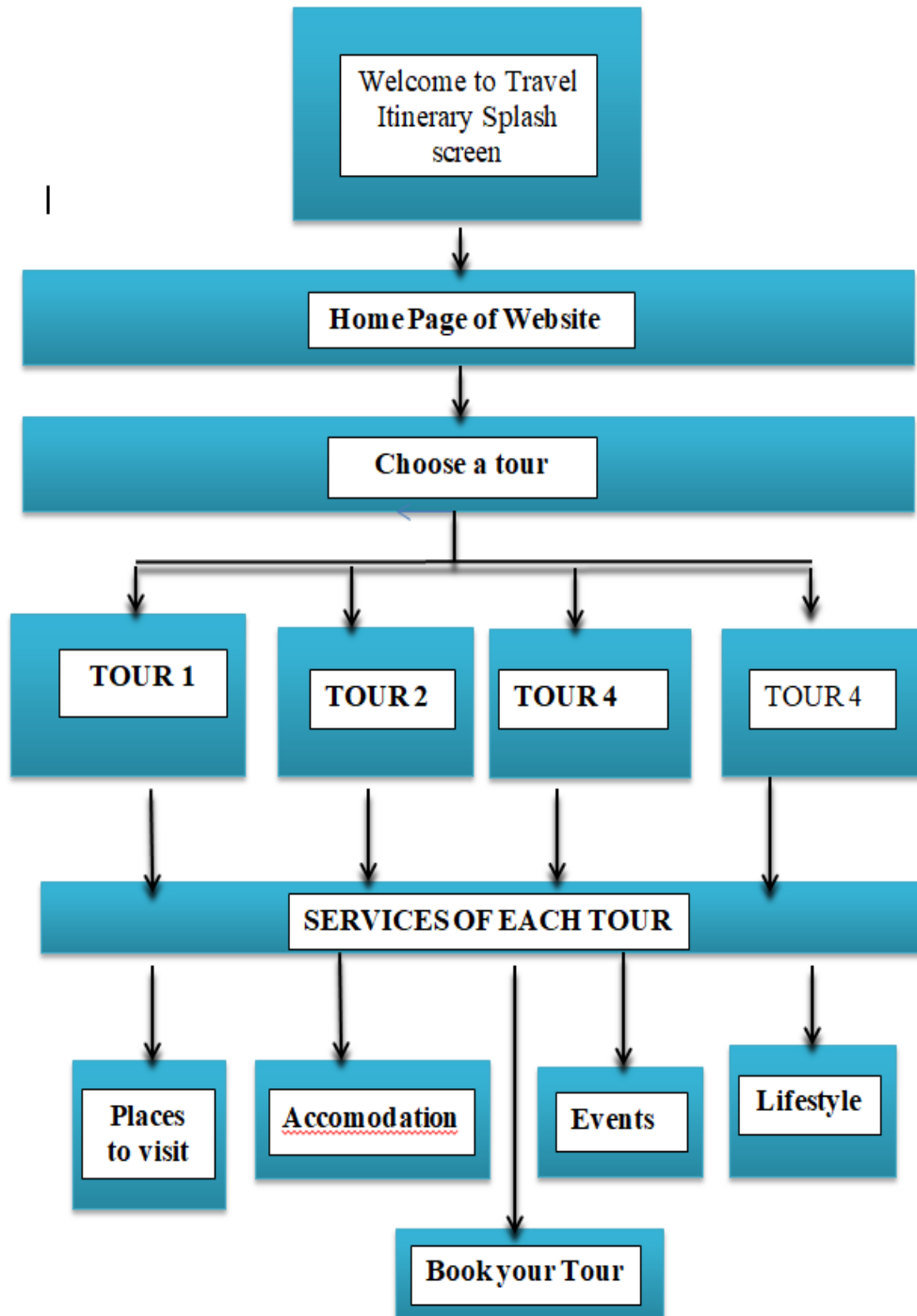
### 3.1 USE CASE DIAGRAM



### 3.2 DATA FLOW DIAGRAM



### 3.3 FLOW CHART



## CHAPTER 4: TECHNOLOGY USED

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We have made this web based application Travel Itinerary using the front end technology HTML, CSS, Javascript, Bootstrap and JQuery. Whole of our project gives the idea to travellers to explore their wanderlust. As we visit the link of our website, we will encounter the splash screen and then comes the homepage of our website giving details of all the four tours and for which type of people it is meant. As one clicks on the tour, he or she is redirected to the home page of that particular tour. After reaching the home page of the particular tour, you can discover everything and anything about that tour, the 8 cities it hold and clicking on the banner of every city you'll be redirected to the particular city page that consists of the various places of visit in the city, the lifestyle of the people of the city, the various unique event that the city rejoices in, the accommodation for travellers available in the city, the flights to the city and a way to book your tour. Each tour consists of number of photographs and videos keeping the urge to visit the city alive. We have used HTML to create the basic structure of our page and CSS to modify the page layout in different ways sometimes using the flash cards and making grids. For making the page responsive , we have used the media queries using CSS and at some places we have using Bootstrap like for making the navigation bar of every page responsive, for making the image gallery and the grids responsive and sometimes enabling the flashcards to be responsive as well. We have also designed a image corousel at our homepage to give it a better feel of professional website. To provide interactivity to the page, we have used Javascript at various places like for the validation of login and signup form, to display the text in the typewriter for, to enable the splash screen of the tours, and the gallery created in tour 1.

### 4.1 FRONT END TECHNOLOGY

- **HTML:** HTML stands for Hyper Text MarkUp Language and is the standard markup language for creating Web pages, describes the structure of a Web page. HTML consists of a series of elements. HTML elements tell the browser how to display the content and label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

- **CSS:** Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects. CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the mark-up languages HTML or XHTML.
- **CSS saves time** – You can write CSS once and then reuse same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.
- **Pages load faster** – If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So less code means faster download times.
- **Easy maintenance** – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.
- **Superior styles to HTML** – CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.
- **Multiple Device Compatibility** – Style sheets allow content to be optimized for more than one type of device. By using the same HTML document, different versions of a website can be presented for handheld devices such as PDAs and cell phones or for printing.
- **JAVASCRIPT:** JavaScript is a client-side scripting language of web developed by Netscape in 1995 with the name Livescript. JavaScript is used to build interactive websites with dynamic features and to validate form data. JavaScript is high-level, dynamic and browser interpreted programming language, supported by all modern web browsers. Apart from web browser, JavaScript is also used to build scalable web applications using Node JS. JavaScript is also being used widely in game development and Mobile application development. JavaScript is also known as

the Programming Language of web as it is the only programming language for Web browsers. JavaScript is an *object-based scripting language* which is lightweight and cross-platform. The programs in this language are called scripts. They can be written right in a web page's HTML and run automatically as the page loads. Scripts are provided and executed as plain text. They don't need special preparation or compilation to run. The browser has an embedded engine sometimes called a "JavaScript virtual machine".

- **BOOTSTRAP:** Bootstrap is a front-end framework for faster and easier web development. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first web sites. Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins. Bootstrap is a free and open-source tool collection for creating responsive websites and web applications.

**1. Time-saving:** Working on a project that has a number of templates can be time-consuming. Furthermore, even a small design change can lead to hours of manual editing over multiple webpages, especially if you're not careful.

With Bootstrap, you get to use pre-made design themes and templates as your starting point. It allows modification of its code to make the framework suit your project's needs. In addition, any changes you make during the development process will also affect all of the webpages altered by Bootstrap. So, say goodbye to hours of coding from scratch!

**2. Easy to Use :** Bootstrap is very simple to use – the setup process doesn't take too long and is relatively easy, even for beginners. It's not mandatory, having basic knowledge of HTML, CSS and JavaScript will undoubtedly help you modify the code with ease. Check out Bootstrap's documentation page to learn more.

**3. Responsive Grid:** System One of today's most significant demands in terms of web development is making sure that websites are responsive and mobile-friendly. Bootstrap has that covered with their dedicated mobile-first grid system – it can

divide the screen into twelve columns to accommodate various screen sizes, thus making its web design adaptable to all kinds of devices.

Moreover, by taking advantage of the grid system's classes, you can make certain elements visible only on a specific type of device.

**Cross-browser Compatible:** Bootstrap is compatible with the latest versions of all modern browsers and platforms. Bootstrap claims that it doesn't support older or proxy browsers, that shouldn't affect its display and function.

15. **Open Source:** Bootstrap is an open-source framework, meaning that you can use and modify it without purchasing any license. Respectively, it also allows it to grow rapidly with the help of over a thousand willing contributors on Github.

- **JQuery:** jQuery is a lightweight, "write less, do more", JavaScript library.

The purpose of jQuery is to make it much easier to use JavaScript on your website.

JQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

JQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The JQuery library contains the following features:

- HTML/DOM manipulation
- CSS manipulation
- HTML event methods
- Effects and animations
- AJAX
- Utilities

## 4.2 HARDWARE REQUIREMENTS

- Processor: Intel Core i5
- Main Memory (RAM): 4GB RAM
- Cache Memory: 512 KB
- Hard Disk: 160 GB

## 4.3 SOFTWARE REQUIREMENTS

- **System Software**

Operating System: Windows 10, Linux

- **Application Software**

Tools: GitHub

VS Code

- **GitHub:** GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

**GitHub Repository:** A GitHub repository can be used to store a development project. It can contain folders and any type of files (HTML, CSS, JavaScript, Documents, Data, Images). A GitHub repository should also include a licence file and a **README** file about the project. A GitHub repository can also be used to store ideas, or any resources that you want to share.

**Visual Studio Code:** Visual Studio Code is a free source-code editor made by Microsoft for Windows, Linux and macOS.<sup>[4]</sup> Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

Microsoft has released Visual Studio Code's source code on the **VS Code** repository of GitHub.com, under the permissive MIT License, while the compiled binaries are freeware.



## CHAPTER 5: USER INTERFACE AND IMPLEMENTATION

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- **Splash Screen**



Fig 5.1 Landing Page of the website

## • Sign Up Page

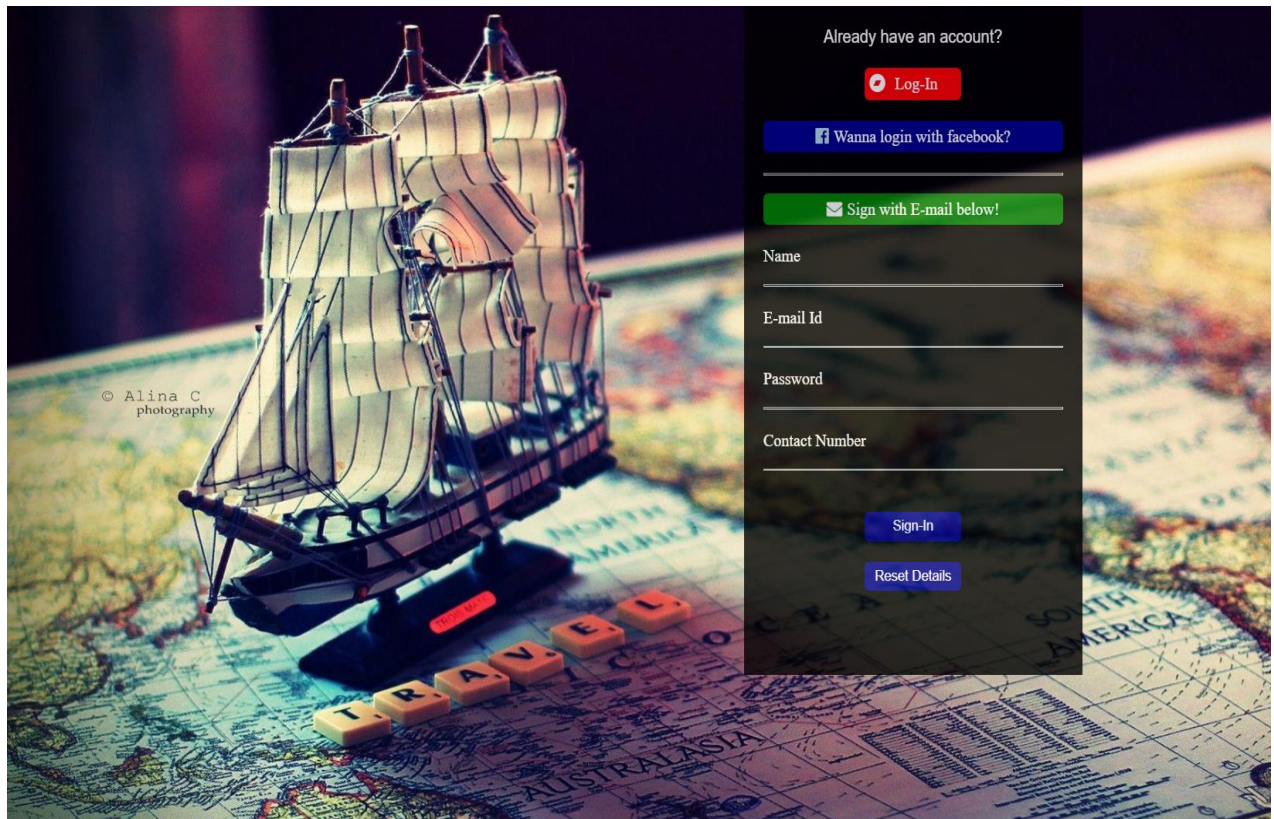
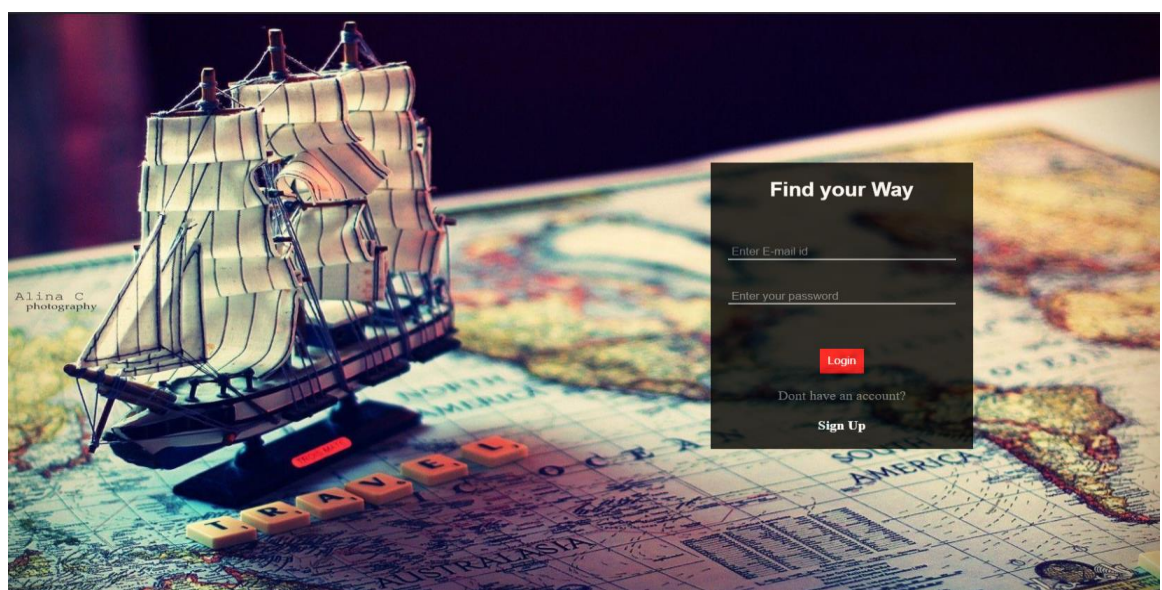


Fig 5.2 Sign Up page for Travel Itinerary

## Login Page



• Fig 5.3 Login page for Travel Itinerary



## • Home Page of the Website



Fig 5.4 Home page for Travel Itinerary

- **Tour 1 home page**

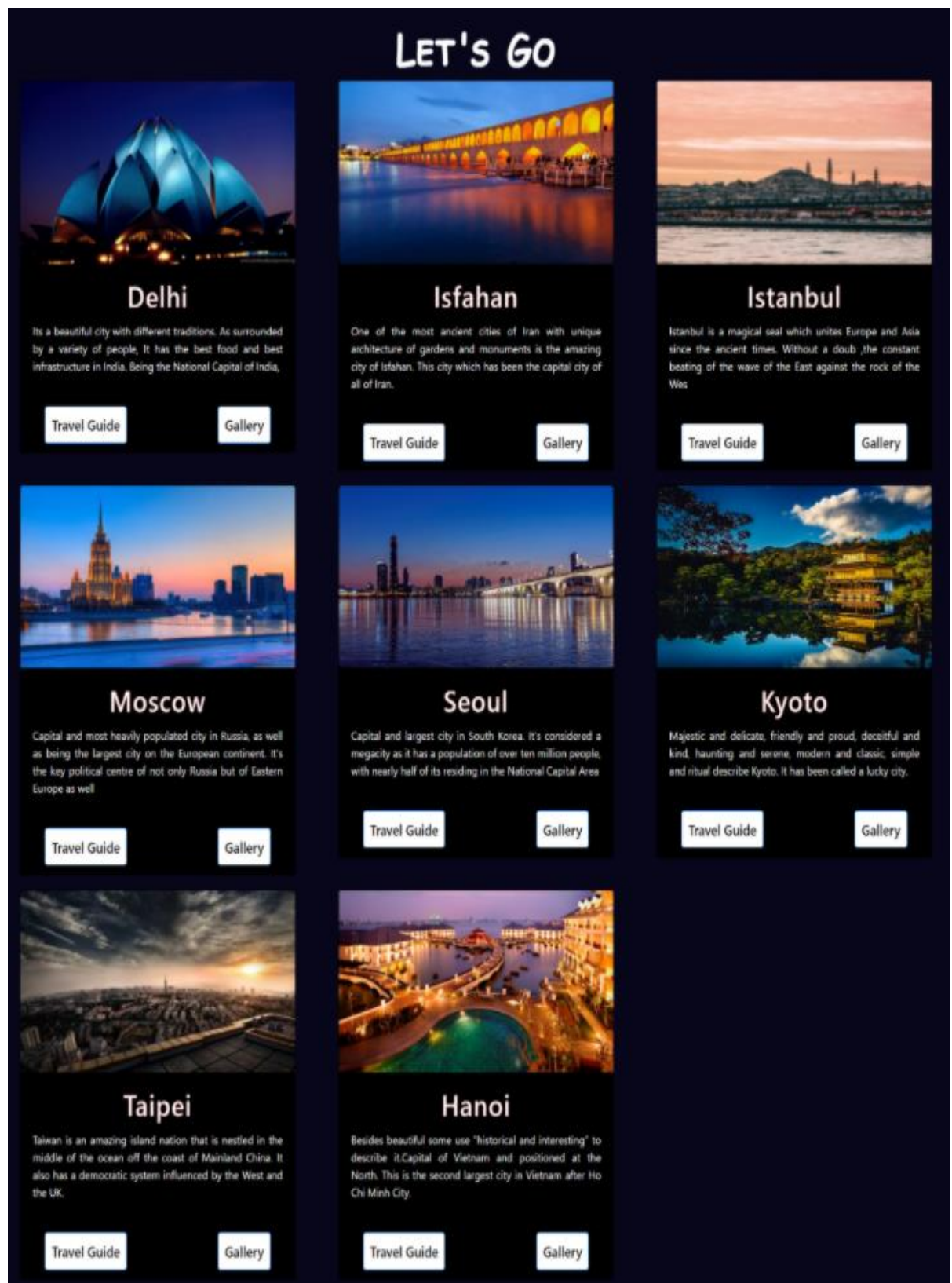


Fig 5.5 Home page for Tour 1




## • Tour 1 City Home Page




Fig 5.6 City page for tour 1

## Attraction




### BASILICA CISTERN

The Basilica Cisterns are dwarfed in popularity by the nearby Hagia Sophia and Blue Mosque, but the 6th-century water system is worth visiting. Not only are the cisterns quiet and cool – a nice break from the busy streets and hot summer days – the columns have interesting architectural designs featuring different Greek styles.




### GRAND BAZAAR

The Grand Bazaar is one of the oldest markets in the world, and one of the largest, with 3,000 stalls. Shop for leather bags and shoes, colorful lanterns and silver ornaments! Check out the beautifully decorated ceilings as you walk the hallways.




### BLUE MOSQUE

Also known as the Sultan Ahmed Mosque, the 17th-century Blue Mosque takes its name from the 20,000 handmade mosaic blue tiles, with hues from marine to translucent purple. As the outside lights peer through the 200 stained glass windows, make sure to wander around the mosque to get different perspectives of the ceilings.




### GALATA TOWER

You can't miss the Galata Tower as it stands on the top of the hill in Beyoglu, the more modern side of Istanbul. Once at the top, enjoy the 360-degree view of Istanbul, covering the Golden Horn, the Old Town, the European side, the Bosphorus and up to the Oriental side of town.




### HAGIA SOPHIA

The ever-changing status of Hagia Sophia is a testament to the importance of the monument. First a basilica in the 6th century, an imperial mosque in the 15th, and a museum in the 20th, the Hagia Sophia is a wonder of Byzantine architecture. Make sure to visit the second floor for a better view of the nave, and to admire the mosaics that date back to the 8th century.



### DOLMABAHCÉ PALACE


Built on the European shore of the Bosphorus Strait, the 18th-century palace is the largest in Turkey. Featuring Baroque, Rococo, and Neoclassical styles, it was an imperial garden and a much-appreciated summer palace by the Ottoman sultans. Gradually it became the full-time residence, as it presented more comfort and luxury than the Topkapi Palace.



### ORTAKÖY


Initially a small village turned into a trendy neighborhood under the Ottoman, Ortaköy is still popular today with its monuments of various religious origins, as well as numerous art galleries and bars. Of note is the beautiful Neo-Baroque Ortaköy Mosque standing by the shores of the Bosphorus Strait.

## Food




### KUMPIR

A cheap and flexible street food in Istanbul, Kumpir is a crispy baked potato with your choice of creative fillings.




### GÜLLAÇ

güllac is a uniquely textured treat made from dough, milk, rosewater, nuts, and pomegranate seeds.



### DÖNER

It offers the same diversity in the choice of meat, which is seasoned with herbs and spices and cooked on a vertical, rotating spit. Fresh cuts are served in a bread wrap along with salad and garlic or spicy sauces.




### MANTI

Small beef or lamb dumplings are boiled or fried and served with yogurt or butter, and often accompanied with a range of spices.




## ACCOMMODATION




**Hilton Garden Inn**  
**Address & contact information :**  
 Sütlüce, Sütlüce Imrahor Cad, Durluk Sk.Beyoğlu/Istanbul, Turkey  
 +90 212 314 50 00  
**Check-in time** 14:00  
**Check-out time:** 12:00  
**Price :** Rs.3,217

[Read more...](#)




**Lotus Hotel Istanbul**  
**Address & contact information :**  
 Yavuz Sultan Selim, Vakıf Mektebi Sk. No:1, 34086 Fatih/Istanbul, Turkey  
 +90 212 621 21 84  
**Check-in time** 13:00  
**Check-out time:** 12:00  
**Price :** Rs. 1,183

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**Cheers Lighthouse**  
**Address & contact information :**  
 Küçük Ayasofya Mahallesi,Sk. No:18, 34122 Fatih/Istanbul, Turkey  
 +90 212 458 23 24  
**Check-in time** 12:00  
**Check-out time:** 12:00  
**Price :** Rs. 1,327

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**Radisson Blu Hotel**  
**Address & contact information :**  
 19 Mayıs Street No 2 Sisli 19 Mayıs Mahallesi, 34360 Istanbul, Turkey  
 +90 212 375 00 00  
**Check-in time** 15:00  
**Check-out time:** 12:00  
**Price :** Rs. 6,865

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**Hotel Zurich Istanbul**  
**Address & contact information :**  
 Balabanaga, Vidimli Tevfikpaşa Cd No:14, 34000 Fatih/Istanbul, Turkey  
 +90 212 512 23 50  
**Check-in time** 14:00  
**Check-out time:** 12:00  
**Price :** Rs.3,069

[Read more...](#)



**Radisson Hotel President**  
**Address & contact information :**  
 Beyazıt, Tiyatro Cd. No: 25, 34126 Fatih/Istanbul, Turkey  
 +90 212 516 69 80  
**Check-in time** 14:00  
**Check-out time:** 12:00  
**Price :** Rs.3,447

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## CONTACT

**ABOUT**

Crave for wanderlust? Welcome to Travel Itinerary! We travel not to escape life but for life not to escape us. If you are young enough to learn to be better, we urge you to travel as far and as widely as possible. Step out of floors. Find out the way how other people live and enjoy life. Look at the unnamed wonders of the world. Live, travel, adventure, bless and don't be sorry. The world is a book and people who don't travel read only a single page. So wake up, make memories, find you way! Each of us have wings. All you have to do is FLY!

**SERVICES**

- Attraction
- Food
- Events
- Accommodation
- Book a tour
- Life Style






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 +91 7896541230  
 GLA University

Contact Us

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## • Tour 2 Home Page

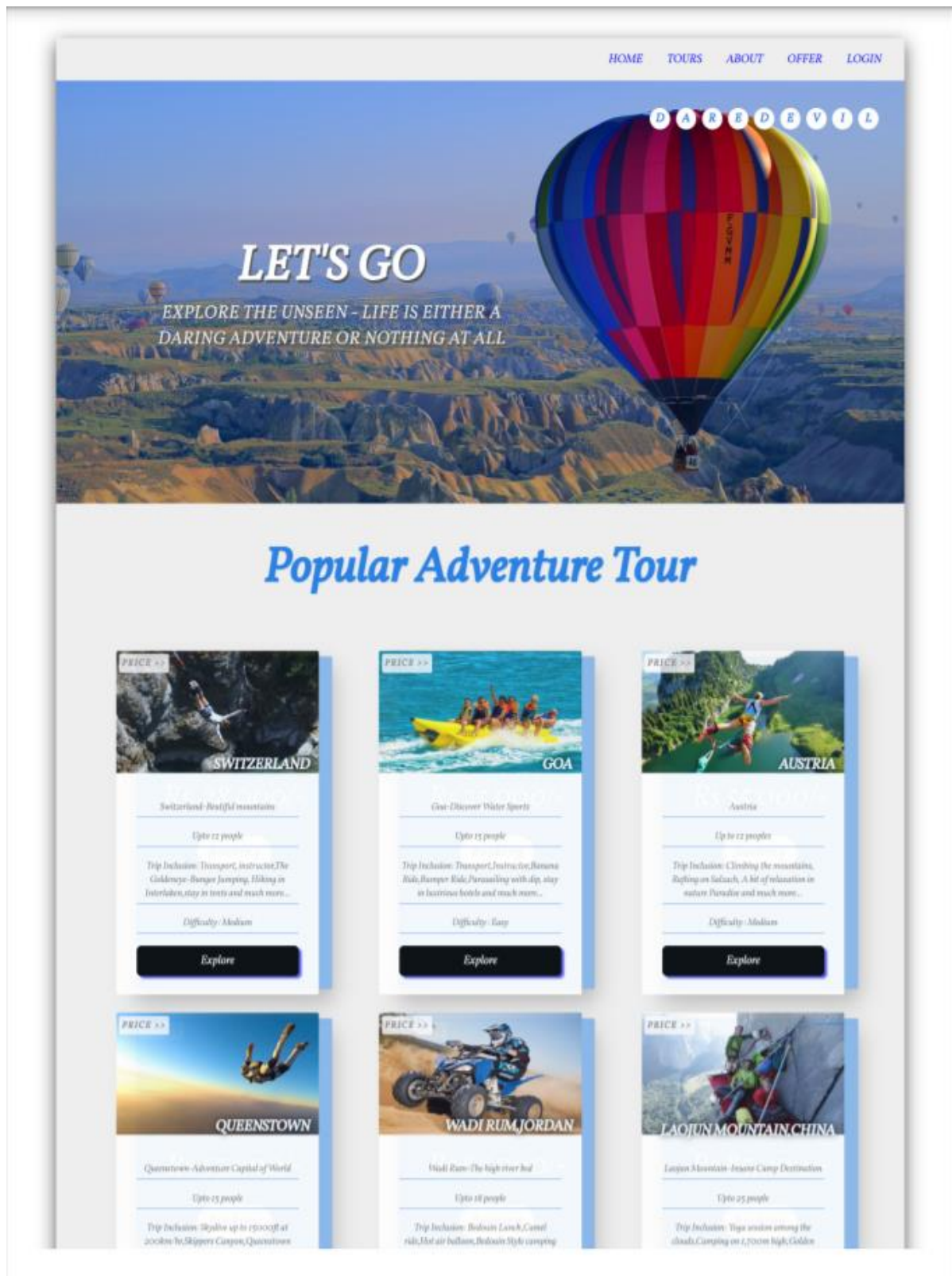
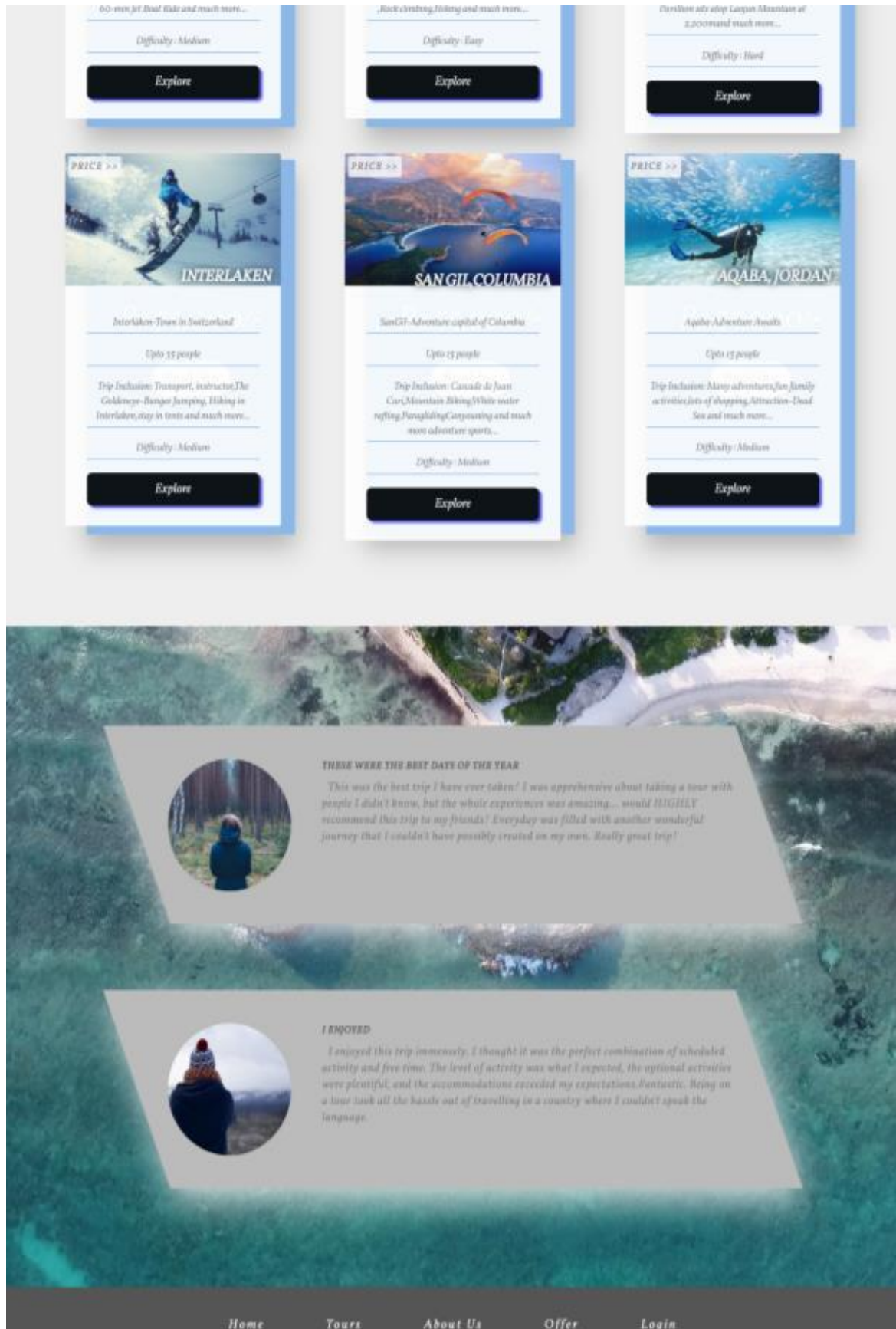


Fig 5.7 Home page for tour 2





## • Tour 3 Home page

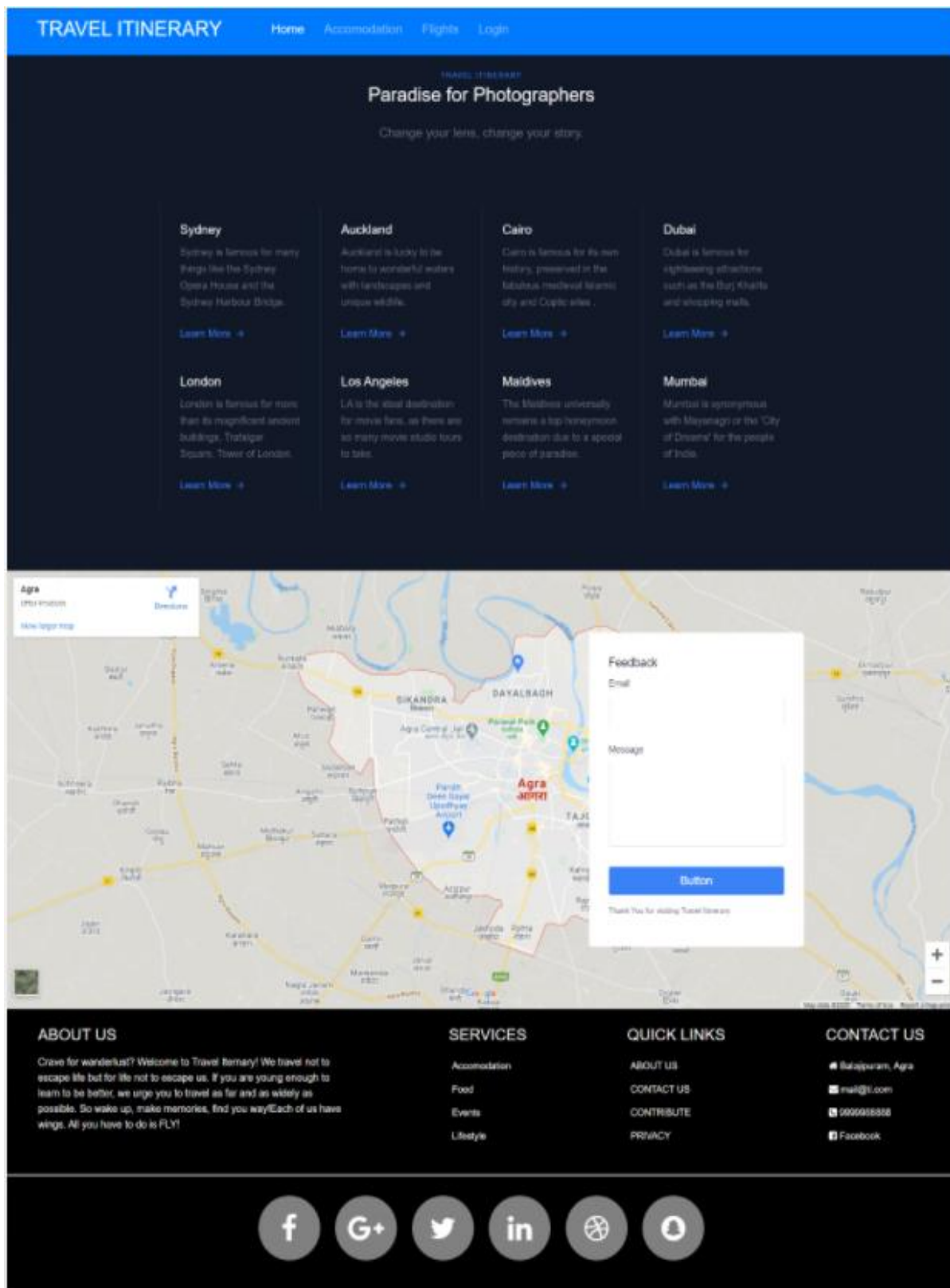


Fig 5.8 Home page for Tour 3

## • Tour 3 City page

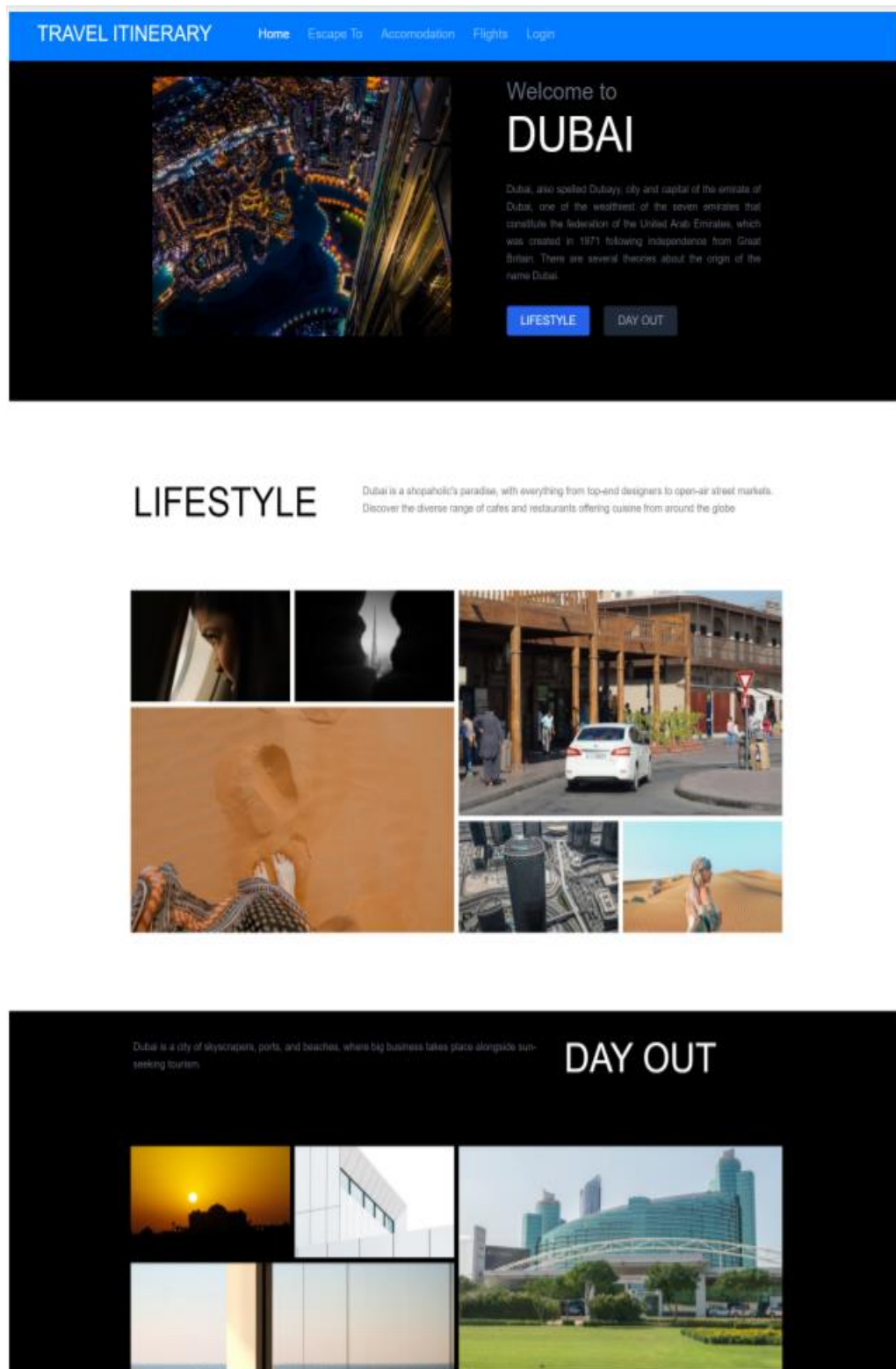


Fig 5.9 City page for Tour 3



#### PHOTOGRAPHY

Best places to visit for clicking some awesome photos and adding some colours to your Instagram

[Click More →](#)



#### EVENTS

A whole lot of events are waiting for you so sit back relax and enjoy

[Learn More →](#)



#### FOOD

Best delicacies of the city are waiting for you so click the link down below and gain some calories

[Eat More →](#)

#### ABOUT US

Crave for wanderlust? Welcome to Travel Itinerary! We travel not to escape life but for life not to escape us. If you are young enough to learn to be better, we urge you to travel as far and as widely as possible. So wake up, make memories, find your way! Each of us have wings. All you have to do is FLY!

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#### CONTACT US

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[mail@ti.com](#)

[9909988888](#)

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- **Tour 4 Home page**



**Fig 5.10 Home page for Tour 4**

- **City page for tour 4**

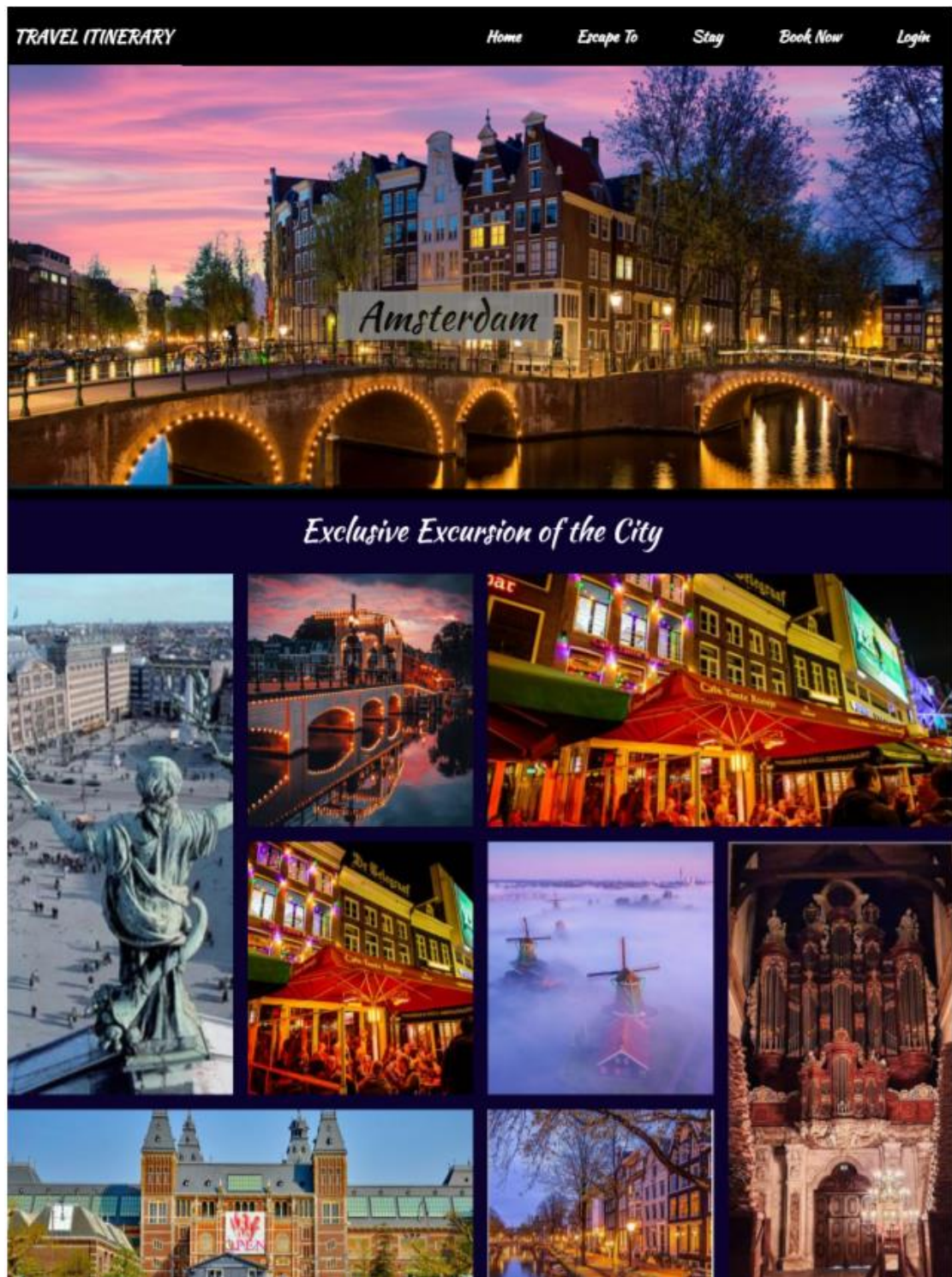


Fig 5.11 City for Tour 4



## Events And Festivals

Almost every week a cultural event or festival is held in Amsterdam. Many of these Amsterdam events and festivals have a long tradition and are carefully conserved by the Dutch. But these typical Dutch festivities are also very nice for tourists, because a lot of them are held with an English-speaking public in mind.

### Spring Amsterdam Events

Spring is a vibrant season in Amsterdam. The most important event each spring is Koningsdag (King's Day). On the 27th of April the entire country is celebrating the King's Birthday. Many young people from all over the The Netherlands travel to Amsterdam, where the festivities last for two days.

On the 5th May the Dutch celebrate Bevrijdingsdag (Liberation day), which marks the end of WWII in The Netherlands. Large festivities are held in parks and on squares in the city.



### Summer Amsterdam Events

Summer is the time of open air festivals, theatre and concerts. Probably the most attractive event in summer is the Grachtenfestival, which is held mid-August. It is a series of concerts and shows, culminating with a big concert at the Prinsengracht. Visitors also listen from the canal banks and bridges nearby, because the water echoes the music.



### Autumn Amsterdam Events

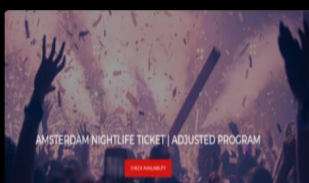
In the autumn Amsterdam is vibrating with cultural events: books and antique markets, concerts, film festivals and events in museums. Probably the most important of the autumn is IDFA, an International Documentary Film Festival starting in the middle of November, showing documentaries in cinemas all over town. Go see a documentary in the beautiful Tuschinski or in the modern Eye Film Institute in Amsterdam-Noord. Museum Night is another attractive Amsterdam event that takes place in November.



### Winter Amsterdam Events

Winter is often not very cold in Amsterdam, due to the mild sea climate. The days with freezing temperatures are scarce, but when it happens and the canals freeze, the view of people all ages skating on ice is beautiful. In the evening you should definitely go see the Amsterdam Light Festival event. December hosts three important holidays: New Year's Eve, Christmas and Sinterklaas, the Dutch version of Santa Claus. Winter is the most quiet of the seasons except for the New Year Eve Amsterdam events and celebrations at the Dam square.

## Lifestyle and Fun



### NightLife Ticket

It is definitely worth to consider this nightlife ticket. It will most likely save you time and money. For 7 days you get free entrance to Amsterdam clubs, free shots, beers & cocktails, lazertag & bowling, free UBER and much more.

[Know More](#)



### Amsterdam Clubs

When it comes to nightlife in Amsterdam, there are venues, dance festivals and club nights to suit every taste! DJs keep the crowd going with everything from techno, dub step and trance to hip-hop, funk and deep house. There are worth.

[Know More](#)



### Life around Squares

Amsterdam's nightlife centres around Leidseplein. Venues such as Melkweg can be found. Irish pubs, cafés, nightclubs line the square and the streets. For a classy night out, the city theatre, tram stop on the square itself.

[Know More](#)

## CHAPTER 6: SOFTWARE TESTING

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Once source code has been generated, software must be tested to uncover as many errors as possible before delivery. It is very important to work the system successfully and achieve high quality of software. Testing include designing a series of test cases that have a high likelihood of finding errors by applying software-testing techniques. System testing makes logical assumptions that if all the parts of the system are correct, the goal will be successfully achieved. The system should be checked logically. Validations and cross checks should be there. Avoid duplications of record that cause redundancy of data. In other Words, Testing is the process of evaluating a system or its component(s) with the intent to find whether it satisfies the specified requirements or not. It is executing a system in order to identify any gaps, errors, or missing requirements in contrary to the actual requirements

.The preliminary goal of implementation is to write source code and internal documentation so that conformance of the code to its specifications can be easily verified, and so that debugging, testing and modifications are eased. This goal can be achieved by making the source code as clear and straightforward as possible. Simplicity, clarity and elegance are the hallmark of good programs, obscurity, cleverness, and complexity are indications of inadequate design and misdirected thinking. Source code clarity is enhanced by structured coding techniques, by good coding style, by, appropriate supporting documents, by good internal comments, and by feature provided in modern programming languages. The implementation team should be provided with a well-defined set of software requirement, an architectural design specification, and a detailed design description. Each team member must understand the objectives of implementation.

### 6.1 TERMINOLOGY

. Error The term error is used in two ways. It refers to the difference between the actual output of software and the correct output, in this interpretation, error is essential a measure of the difference between actual and ideal. Error is also to used to refer to human action that result in software containing a defect or fault.

. Fault Fault is a condition that causes to fail in performing its required function. A fault is a basic reason for software malfunction and is synonymous with the commonly used term Bug.



Failure is the inability of a system or component to perform a required function according to its specifications. A software failure occurs if the behaviour of the software is the different from the specified behaviour. Failure may be caused due to functional or performance reasons.

## 6.2 TYPES OF TESTING

a. **Unit Testing** The term unit testing comprises the sets of tests performed by an individual programmer prior to integration of the unit into a larger system. A program unit is usually small enough that the programmer who developed it can test it in great detail, and certainly in greater detail than will be possible when the unit is integrated into an evolving software product. In the unit testing the programs are tested separately, independent of each other. Since the check is done at the program level, it is also called program teasing.

b. **Module Testing** A module and encapsulates related component. So can be tested without other system module.

c. **Subsystem Testing** Subsystem testing may be independently design and implemented common problems are sub-system interface mistake in this checking we concenton it. There are four categories of tests that a programmer will typically perform on a program unit

. i Functional test

ii Performance test

iii Stress test

iv Structure test

**Functional Test** Functional test cases involve exercising the code with Nominal input values for which expected results are known; as well as boundary values (minimum values, maximum values and values on and just outside the functional boundaries) and special values.

**Performance Test** Performance testing determines the amount of execution time spent in various parts of the unit, program throughput, response time, and device utilization by the program unit. A certain amount of avoid expending too much effort on fine-tuning of a program unit that contributes little to the overall performance of the entire system. Performance testing is most productive at the subsystem and system levels.

**Stress Test** Stress test are those designed to intentionally break the unit. A great deal can be learned about the strengths and limitations of a program by examining the manner in which a program unit breaks.

**Structure Test** Structure tests are concerned with exercising the internal logic of a program and traversing particular execution paths. Some authors refer collectively to functional performance and stress testing as “black box” testing. While structure testing is referred to as “white box” or “glass box” testing. The major activities in structural testing are deciding which path to exercise, deriving test data to exercise those paths, determining the test coverage criterion to be used, executing the test, and measuring the test coverage achieved when the test cases are exercised.

## CONCLUSION

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One might feel like being stuck in a rut in daily life or yearning for something exciting and different, craving new experiences and new challenges. Travel is the ideal place to test one-self. It pushes people to their limits and gets them outside their comfort zone. One may discover how resourceful one is when exposed to new places, people and experiences. Maybe it's finding way around a busy city or ordering a meal when you don't speak the language. One may feel proud when one finishes the trip successfully. Overcoming challenges will bring joy and energy for future tests and realize how capable one is and build one's confidence.

We have made this web based application Travel Itinerary using the front end technology HTML, CSS, Javascript, Bootstrap and JQuery. Whole of our project gives the idea to travellers to explore their wanderlust. In this application we have showcased each and every detail that the traveller wishes to know before taking the tour . We have developed four tours for four different type of people with varied visions of tourism. Each tour provides the facility to visit 8 cities around the world telling about the destinations to visit, Lifestyle and culture of the people around the world, their special events, even the accomodation and the food that is available over the place. We have provided the opportunity to book the tour then and there and have used images and videos to tell much about the place urging the wanderlust in the traveller to be alive. And this we have made all the effort to give Travel Itinerary the look of the perfect website.

## REFERENCES

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- <https://www.instagram.com/>
- <https://www.pexels.com/>
- <https://www.beta-labs.in/>
- <https://www.w3schools.com/>
- [https://github.com/nidhi2611/Travel-Itinerary---  
Around-the-world-in-8-days](https://github.com/nidhi2611/Travel-Itinerary---Around-the-world-in-8-days)