

Design document

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Hypermedia Application 2022

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<https://find-your-rome.herokuapp.com/>

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<https://github.com/rezapaki1376/Design-Project>

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1. Abstract

This document provides basic information on developing a tourist website (Find-your-Rome) providing all necessary information about events, points of interest, itineraries, and services. First of all, C-IDM is provided which is the main concept of the website, and also content in small tables and abstract pages provided. For more information on the backend side, ER diagrams are considered. As well as, low fidelity wireframes and comments on final wireframes provided to show the interactions. Furthermore, this documentation provides three scenarios to better understand the main idea of the use case of that website.

2. Graphical representation

2.1. C-IDM

The relations between the main entities of the website, including events, points of interest, itineraries, service type, Town, about us, contact us, and cardinalities are expanded as:

- An EVENT is HOSTED in a Point of Interest
- A Point of Interest HOSTS one or more EVENTS
- An Itinerary INVOLVES several Points of Interest (here we considered at least 5)
- A Point of interest IS INVOLVED in one Itinerary (or more)

The C-IDM diagram is illustrated as follows:

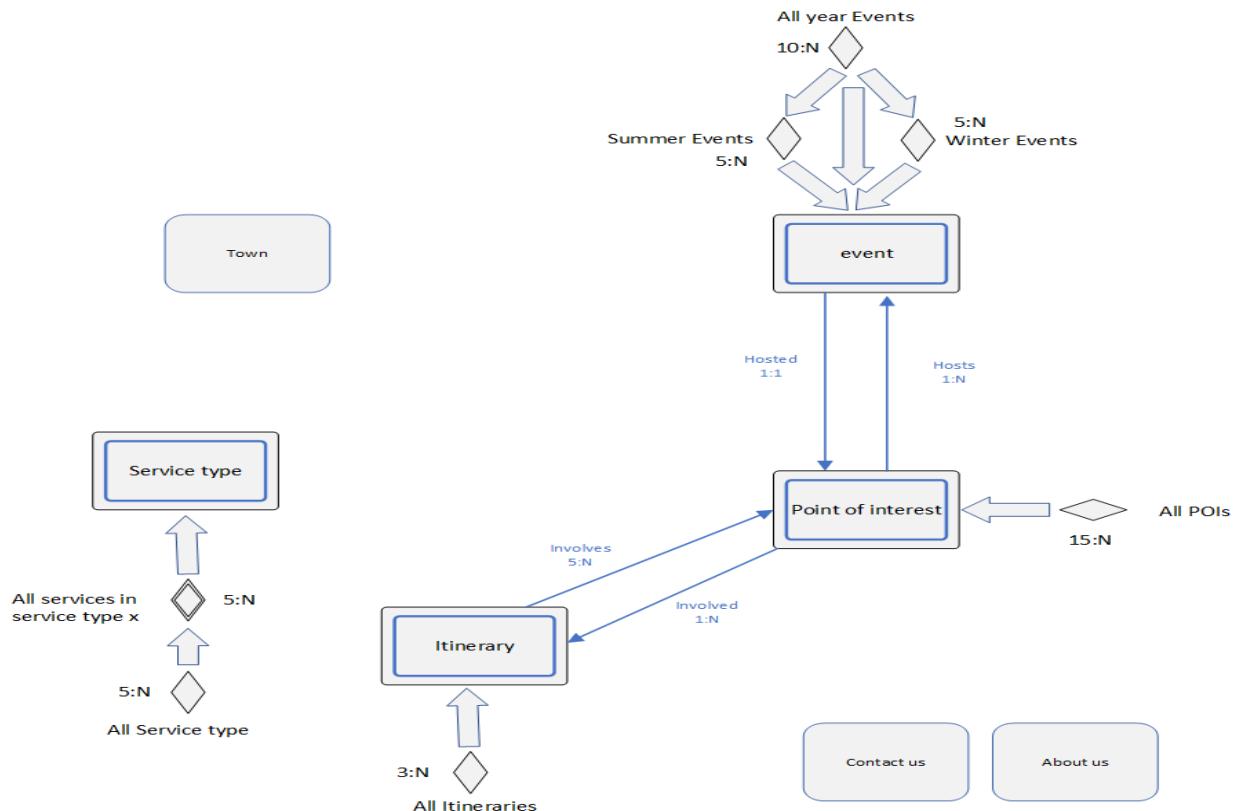


Fig 1: C-IDM diagram

2.1. Content in small

In order to design the Find-your-Rome website, **the main Topics, Kinds of Topics, Groups of Topics** and **Multiple Group of topics** that are exploited are explained as following:

Single topics:

- Town: the homepage of the company with a description about Rome.
- About us: general information about the Town.
- Contact us: different ways of contact with the company.

Kinds of Topics:

- Service type: a set of service types that are available in Town.
- Itinerary: a set of trip plans.
- Point of interest: a set of places that are placed in Town.
- Event: a set of events that held in Town.

Groups of Topics:

- All events: the complete list of all events.
- Winter events: the complete list of winter events.
- Summer events: the complete list of summer events.
- All service types: the complete list of all service types
- All itineraries: the complete list of all itineraries
- All points of interest: the complete list of all points of interest

Multiple Group of topics:

- All services in service type x: the list of available services for service type X.

KIND OF TOPIC: Service types
Service image: image (max 1 image)
Service title: Text (max 30 char)

Table 1: Service types as a kind of topic

Group: “All service types”
Group title: “All possible services”
Introduction: Text (max 100 char)
Item preview: List of [service image, title]

Table 2: All service types as a group of topic.

Multiple group: “All services in service type X”
Group title: “Service X”
Introduction: Text (max 100 char)
Item preview: List of [service image, title, opening hours, address]

Table 3: All services in service types X as a multiple group of topic.

KIND OF TOPIC: Itinerary
Itinerary image: Image (max 1 images)
Itinerary title: Text (max 30 char)
Itinerary description: Text (max 1000 char)
POI list: List of [POI image, POI title, description, opening hours, address]
Total duration: Text (max 10 char)
Suggested audience: list of [Text (max 10 char)]

Table 4: Itinerary as a Kind of topic.

Group: “All itineraries”
Group title: “Itineraries”
Introduction: Text (max 100 char)
Item preview: List of [itinerary image, title, description, total duration, suggested audience]

Table 5: All itineraries as a group of topic.

KIND OF TOPIC: Point of interest (POI)
POI image: Image (max 1 images)
POI title: Text (max 30 char)
POI description: Text (max 1000 char)
Address: Text (max 30 char)
Event list: List of [event image, event title, description, date, time, price, pre booking, link]
Itinerary list: List of [itineraries image, itineraries title, description, total duration, suggested audience]
Opening hours: text (max 10 char)

Table 6: POI as a kind of topic.

Group: “All point of interest”
Group title: “All points of interest”
Introduction: Text (max 100 char)
Item preview: List of [POI image, title, description, opening hours, address]

Table 7: All POIs as a group of topic.

KIND OF TOPIC: Event
Event image: Image (max 1 images)
Event title: Text (max 30 char)
Event description: Text (max 1000 char)
Event date: Text (max 20 char)
Time: Text (max 20 char)
Event type: Text (max 20 char)
Hosted POI: [POI image, POI title, description, opening hours, address]
Duration time: Time
Price: Text (max 10 char)

Address: Text (max 30 char)
Organization: Text (max 30 char)
Season: Binary Option (Winter, Summer)
Pre booking: True/False (default False)
Link: Text (max 50char)

Table 8: Event as a kind of topic.

Group: "All events"
Group title: "All events"
Introduction: Text (max 100 char)
Item preview: List of [event image, title, description, date, time, price, pre booking, link]

Table 9: All event as a group of topic.

Group: "Summer events"
Group title: "Summer events"
Introduction: Text (max 100 char)
Item preview: List of [event image, title, description, date, time, price, pre booking, link]

Table 10: Summer event as a group of topic.

Group: "Winter events"
Group title: "Winter events"
Introduction: Text (max 100 char)
Item preview: List of [event image, title, description, date, time, price, pre booking, link]

Table 11: Winter event as a group of topic.

Single Topic: Town
Town image: Image (max 3 images)
Town title: Text (max 30 char)
Town description: Text (max 500 char)

Table 12: Town as a single topic.

Single Topic: About us
Title: Text (max 30 char)
Description: List of [1 image, Text (max 500 char)]

Table 13: About us as a single topic.

TOPIC: Contact us
Title: Text (max 30 char)
Description: List of [1 image, Address (Text (max 500 char))]

Table 14: Contact us as a single topic.

2.3. Abstract pages

After creating the content in small tables, we are mapping this tables to abstract pages.

2.3.1. service type

First of all, for the abstract page for the service type, we considered a page to show all possible service types on our website, and then the user selects those and transfers to another page and sees all services related to that specific type.

Page for kind of topic service type	
Content in small	
Service image: image (max 1 image)	
Service title: Text (max 30 char)	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link to See details for each service type

Table 15: Abstract page for kind of topic service type.

In the front part, the kind of topic (**service type**) and group of topic (**all service types**) have the same data and both of these have the same webpage due to this, the abstract page table group of topic (**all service types**) is the same as table 15.

Page for multiple group all services in service type X	
Content in small	
Group title: "Service X"	
Introduction: Text (max 100 char)	
Item preview: List of [service image, title, opening hours, address]	

Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link to transfer to service provider website
	Link go back to service type page

Table 16: Abstract page for multiple group of topic for all services in topic of service type X.

2.2.2. Itinerary

Detail Page for kind of topic itinerary	
Content in small	
Itinerary image: Image (max 1 images)	
Itinerary title: Text (max 30 char)	
Itinerary description: Text (max 1000 char)	
POI list: List of [POI image, POI title, description, opening hours, address]	
Total duration: Text (max 10 char)	
Suggested audience: list of [Text (max 10 char)]	
Landmarks	Link to Home

	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link go back to itinerary page
	Link go back to itinerary page
Transition links	Link to POIs detail page related to this itinerary

Table 17: Abstract page for kind of topic itinerary.

Page for group of topic itinerary	
Content in small	
Group title: “Itineraries”	
Introduction: Text (max 100 char)	
Item preview: List of [itinerary image, title, description, total duration, suggested audience]	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us

	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link to itinerary detail page

Table 18: Abstract page for group of topic itinerary.

2.2.3. POI

Detail page for kind of topic POI	
Content in small	
POI image: Image (max 1 images)	
POI title: Text (max 30 char)	
POI description: Text (max 1000 char)	
Address: Text (max 30 char)	
Event list: List of [event image, event title, description, date, time, price, pre booking, link]	
Itinerary list: List of [itineraries image, itineraries title, description, total duration, suggested audience]	
Opening hours: text (max 10 char)	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us

	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link go back to POI page
	Link go back to POI page
Transition links	Link to Events detail page that held in this POI
	Link to Itineraries detail page that contains this POI

Table 19: Abstract page for kind of topic POI.

Page for group of topic POI	
Content in small	
Group title: "All points of interest"	
Introduction: Text (max 100 char)	
Item preview: List of [POI image, title, description, opening hours, address]	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History

	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link to POI detail page

Table 20: Abstract page for group of topic POI.

2.2.3. event

Detail page for kind of topic event	
Content in small	
Event image: Image (max 1 images)	
Event title: Text (max 30 char)	
Event description: Text (max 1000 char)	
Event date: Text (max 20 char)	
Time: Text (max 20 char)	
Event type: Text (max 20 char)	
Hosted POI: [POI image, POI title, description, opening hours, address]	
Duration time: Time	
Price: Text (max 10 char)	
Address: Text (max 30 char)	
Organization: Text (max 30 char)	
Season: Binary Option (Winter, Summer)	
Pre booking: True/False (default False)	
Link: Text (max 50char)	

Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group links	Link to previous All/Winter/Summer events page
	Link to previous All/Winter/Summer events page

Table 21: Abstract page for kind of topic event.

In our design a single webpage considered for All/Winter/Summer group of topics and we are filtering it while user selects one of these options, due to this and because of avoiding for repeating the abstract page tables we considered all these groups in one table.

Page for group of topic All/Summer/Winter Events	
Content in small	
Group title: "All/Winter/Summer events"	
Introduction: Text (max 100 char)	
Item preview: List of [event image, title, description, date, time, price, pre booking]	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services

	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Group link	Link to Event detail page
Structural links	Link to all Events
	Link to winter Events
	Link to summer Events

Table 22: Abstract page for group of topic event.

2.2.4. Town

Page for single topic Town	
Content in small	
Town image: Image (max 3 images)	
Town title: Text (max 30 char)	
Town description: Text (max 500 char)	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History

	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page
Transition links	Link to Blog
	Link to details of News

Table 23: Abstract page for single topic Town.

2.2.5. About us

Page for single topic About us	
Content in small	
Title: Text (max 30 char)	
Description: List of [1 image, Text (max 500 char)]	
Landmarks	Link to Home Link to Events Link to Points of interest Link to Services Link to About us Link to Rome nature Link to Rome History Link to Contact us Link to Login page Link to Instagram page Link to Facebook page Link to Pinterest page
Group links	Link to Rome history

	Link to Rome nature
--	---------------------

Table 23: Abstract page for single topic about us.

2.2.6. Contact us

Detail page for single topic Contact us	
Content in small	
Title: Text (max 30 char)	
Description: List of [1 image, Address (Text (max 500 char))]	
Landmarks	Link to Home
	Link to Events
	Link to Points of interest
	Link to Services
	Link to About us
	Link to Rome nature
	Link to Rome History
	Link to Contact us
	Link to Login page
	Link to Instagram page
	Link to Facebook page
	Link to Pinterest page

Table 24: Abstract page for single topic contact us.

2.4. ER diagram

Here we provided the ER diagram that explains how we managed the data base.

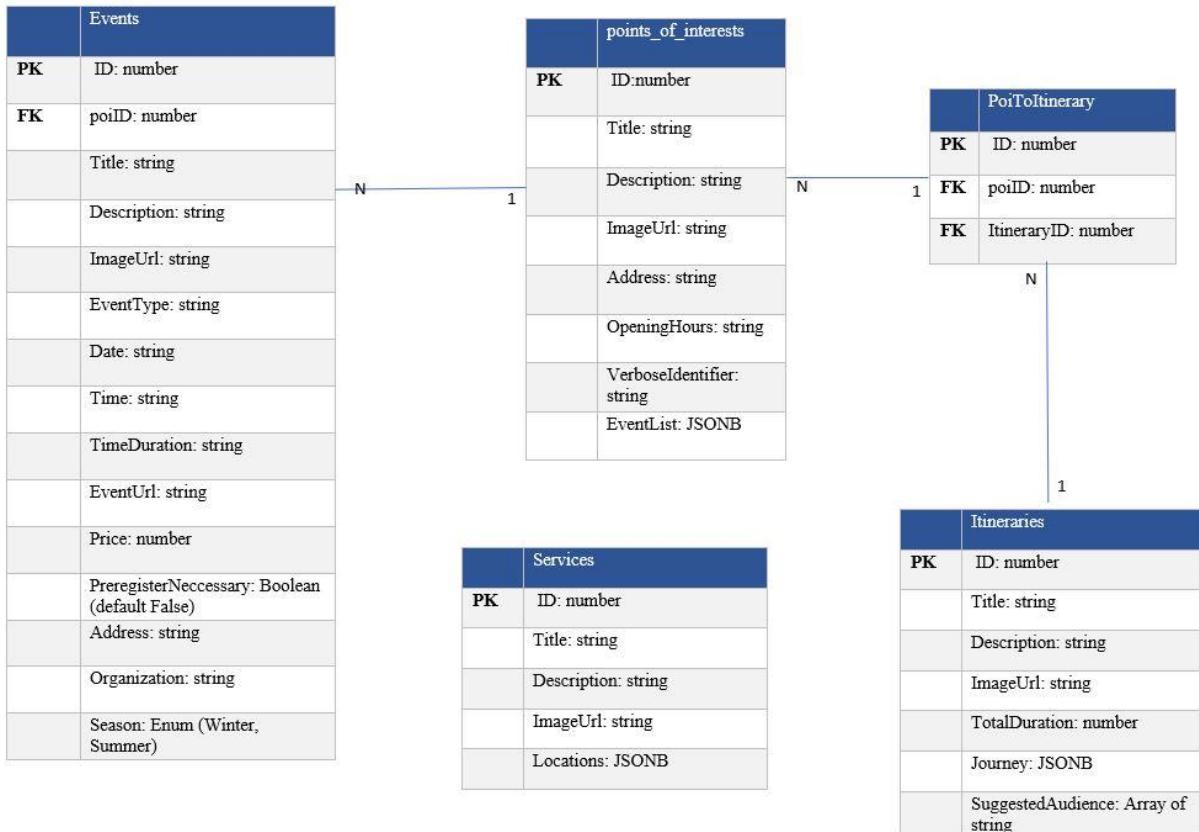


Fig 2: ER diagram.

3. Commented wireframes

Here we commented on final wireframes with **red** and **green** colors.

3.1. Home page

Our first page on the home page illustrated in Fig 3. The links inside the header and footer are Landmarks that there exist on all pages and because of repeating we commented only on the home page. As far the news part wasn't mandatory part, we put static data and it hasn't any logical link to a part of our website.



Home Events Points of Interest Itineraries Services ➡ Landmarks ⬅ Login

Find your Rome

The Internet's far-reaching access has moved more people to travel than ever before. Beautiful pictures of unknown places incite a desire to travel. The internet also makes traveling much easier and less stressful. People can discover where to go and what to do there. They can book flights, hotels, rental cars, and more. The internet provides access to every tidbit of information about a foreign destination. We are here to provide all of these facilities for you. Just select your favorite itineraries and point of interests and leave every thing to us.



Structural link for going to top ↑

Our Top News

Look at our top news in Rome.

[Join to our blog.](#) Transition link



Rome PRIDE 2022
Pride Rome 2022 gets underway across the city with lots of events and initiatives across the city with...
Publish date: 30 Jul 2022

Summer festivals
Rome will continue with its celebrations, which take place as usual in the Circus Maximus, but...
Publish date: 18 Sep 2022

jogging time
We love a half marathon. Whether you're an old hand or new to racing, it's a challenging, yet...
Publish date: 21 Aug 2022

↓ [Transition link](#) ↑

Navigation

- [Events](#)
- [Point of interests](#)
- [Itineraries](#)
- [Services](#)
- [About us](#)

[Landmarks](#)

About Rome

- [Rome history](#)
- [Rome nature](#)

[Landmarks](#)

Connect



[Landmarks](#)

Newsletter

Subscribe to our monthly newsletter to never miss news on Rome again.

Enter your email Submit

localhost:3000

Copyright © 2022 Find-your-Rome [Contact us](#) [Landmarks](#)

Fig 3: Home page

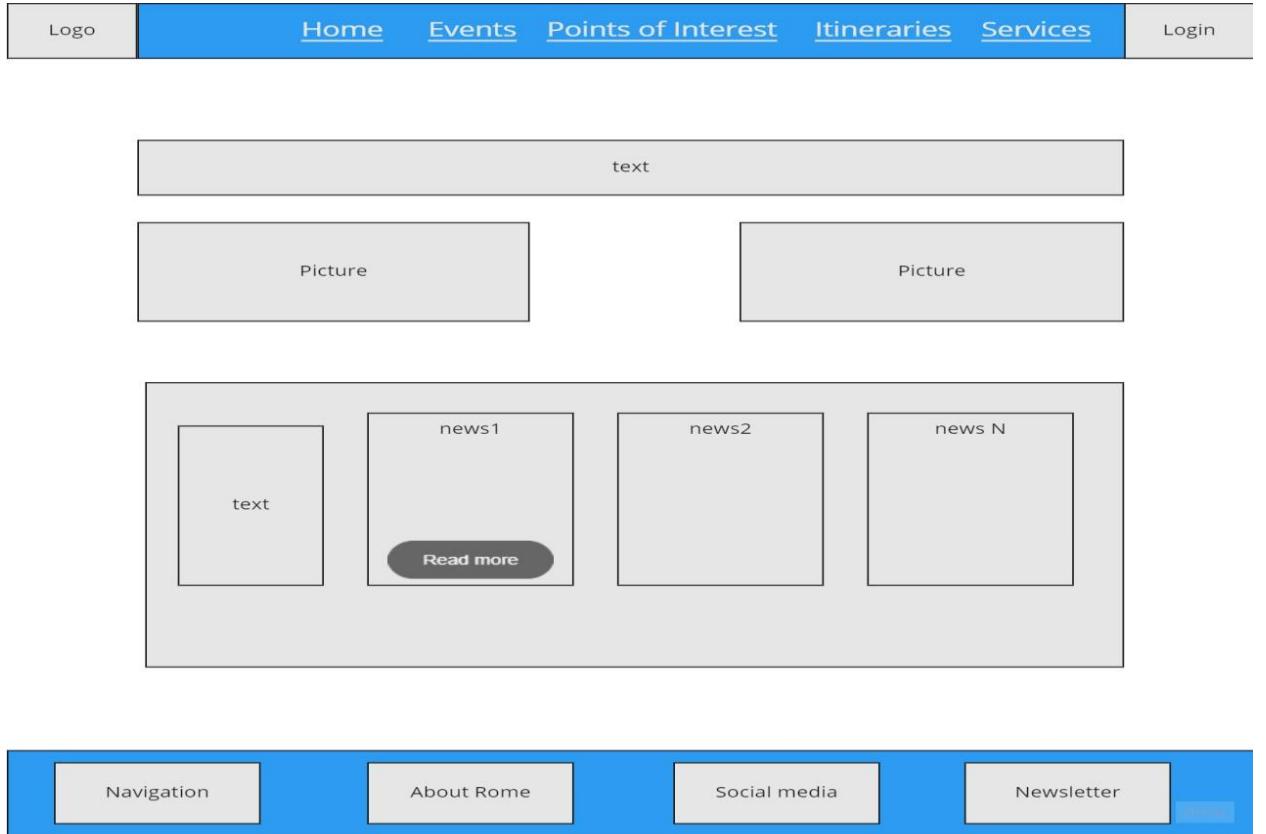


Fig 4: Low fidelity wireframe for Home page

3.2 POIs

All points of interest

Dialogue act

With your lover or family, Rome is the perfect place to spend a 2-3 days weekend, especially since the city can be easily visited on foot! In order to help you plan your stay, I have written this guide of the best things to do in Rome, with all the must-see attractions and points of interest.



Colosseum

The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth sto...

Opening hours: ① 7-22
Address: ② Piazza del Colosseo 1, Rome

[See Details](#)  [Group link](#)



The Pantheon

The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows t...

Opening hours: ① 7:30-21
Address: ② Piazza della Rotonda, Rome

[See Details](#)



Forum Romanum

Walking through the forum, now in the middle of a throbbing modern city, is like stepping back t...

Opening hours: ① 7-21
Address: ② Via della Salara Vecchia, 5/6, Roma

[See Details](#)



Trevi Fountain

One of the city's most popular tourist attractions, this 17th-century masterpiece has been immortalized ...

Opening hours: ① 8-24
Address: ② Piazz di Trevi, Rome

[See Details](#)

Fig 5: POI list page.

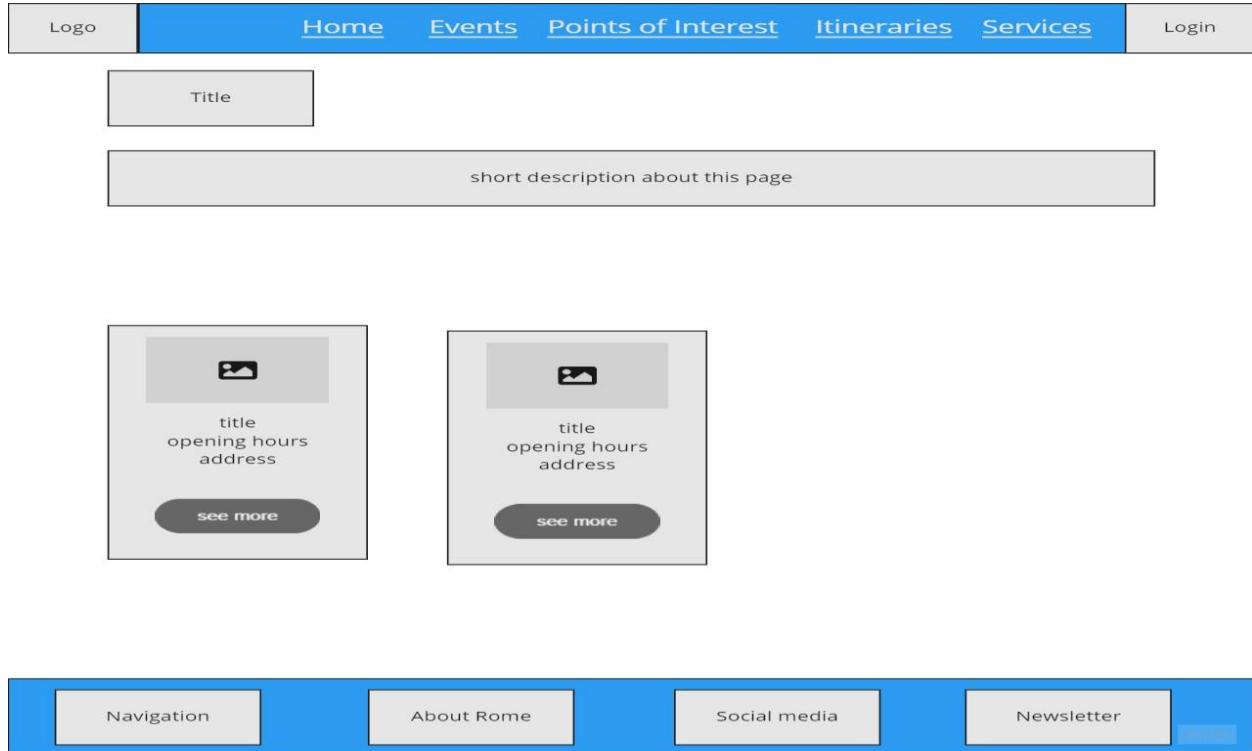


Fig 6: Low fidelity wireframe for POI

Points of interest / Colosseum Group link



Colosseum

The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth story, it was inaugurated in the year AD 80 with a series of splendid games. The Colosseum was large enough for theatrical performances, festivals, circuses, or games, which the Imperial Court and high officials watched from the lowest level, aristocratic Roman families on the second, the populace on the third and fourth.

Opening hours:
⌚ 7-22

Address:
📍 Piazza del Colosseo 1, Rome

Group link [Visit Website](#)

Created: 2022-07-04T22:18:43.906Z

↑

Relevant events at that location



Pride Parade in Rome!

In a statement, Roma Pride spokesperson Mario Colamarino said that greater protection was requir...

⌚ 9.07.2022 ⏰ 15:30

Cost: € 10

Prebooking: ✗

[See Details](#)

[Group link](#)

Itineraries involving this location



Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena

On this small group tour of 20 people or fewer, you can experience this historic Rome icon to the fullest wi...

Total duration: 10 hours

Suggested audience: Families

[See Details](#)

[Transition link](#)

[Group link](#)



[Return to all Points of interest](#)



Fig 7: Detail page for POI.

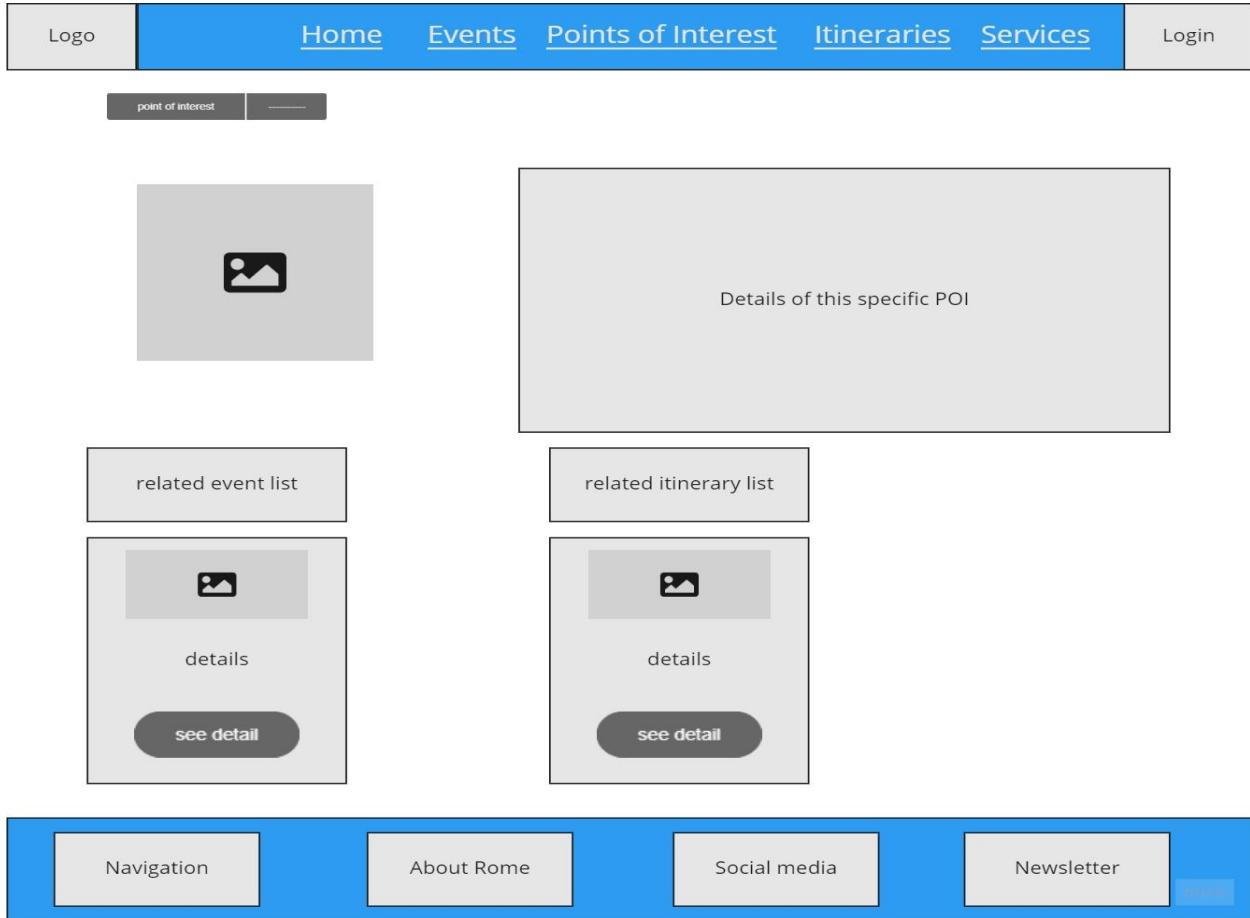


Fig 8: Low fidelity wireframe for POI detail page

3.3. Events page

The event list page features a clean layout with a green header bar and a white content area:

- Header:** "Events" and "Dialogue act".
- Filter Bar:** Buttons for "Summer", "Winter", and "All Events" with a dropdown arrow. A red arrow points from this bar to the "Structural link" below.
- Event Grid:** Four cards representing different events:
 - Pride Parade in Rome:** Shows a photo of a crowd with a rainbow flag. Details: 9.07.2022 at 15:30, Cost: € 10, Prebooking: X. A red arrow points from the "See Details" button to the "Group link" below.
 - Taste of Roma:** Shows a photo of a street scene. Details: 10.21.2022 at 13:00, Cost: Free, Prebooking: X. A red arrow points from the "See Details" button to the "Group link" below.
 - Natale di Roma:** Shows a photo of people in traditional Roman attire. Details: 12.11.2022 at 17:00, Cost: € 50, Prebooking: X. A red arrow points from the "See Details" button to the "Group link" below.
 - Ides of March:** Shows a photo of people in traditional Roman attire. Details: 4.12.2022 at 18:00, Cost: € 10, Prebooking: X. A red arrow points from the "See Details" button to the "Group link" below.
- Right Sidebar:** A vertical sidebar with an upward arrow icon.

Fig 9: Event list page

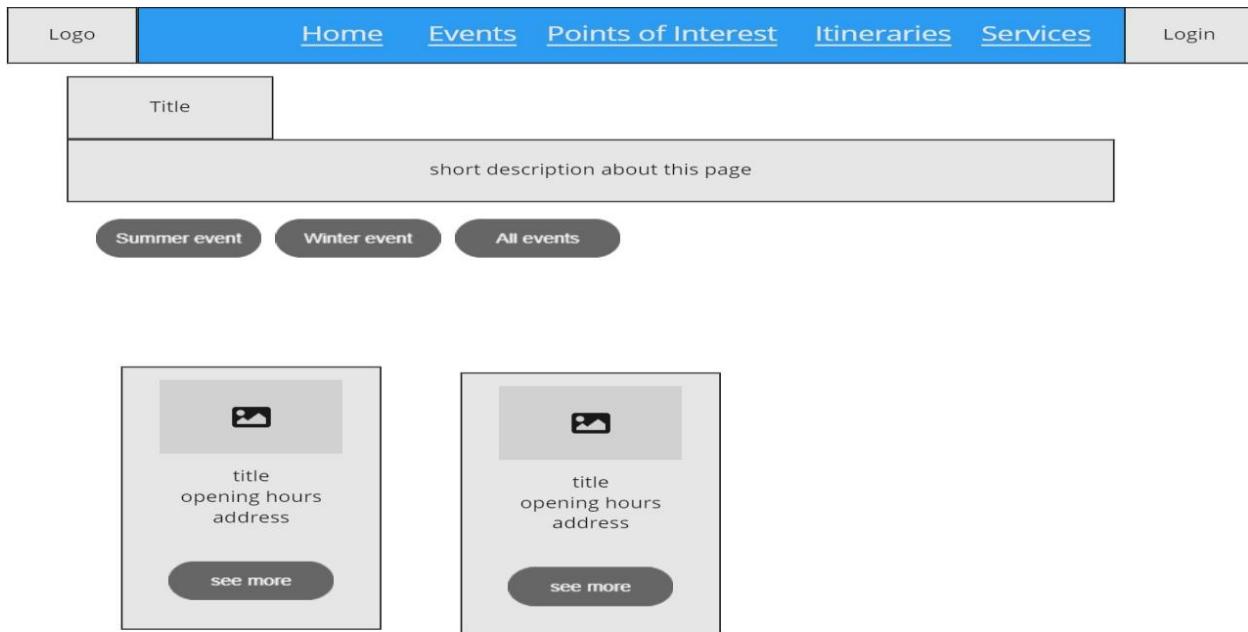


Fig 10: Low fidelity wireframe for event list page

Events / Festa Madonna della Neve → Group link

Festa Madonna della Neve

Legend has it that, in 358 BC, a nobleman and his childless wife vowed to donate their possessions to the Virgin Mary and prayed for a sign on how to proceed. The Virgin Mary appeared to the couple in a dream and left a snowfall on the Esquiline Hill, instructing them to erect a church in her honour: the present-day Basilica di Santa Maria Maggiore.

Details:
2022-07-19 13:00 Duration: 70min Cost: € 20 Prebooking: X

Organisation:
Italy national

Address:
Via Nolana 59

Visit Website → Group link

Created: 2022-07-04T22:18:43.954Z EventType: click Season: WINTER



Related Point of Interest: Santa Maria Maggiore



One of Rome's most majestic churches, Santa Maria Maggiore has stood here since the fourth-century Pope Liberius had a vision of the Virgin directing him to build a church where snow fell the following day. Although it was August, snow did fall on the Esquiline hill the next morning, so here the great basilica was built. Mass has been celebrated here every day since the fifth century. The three aisles of its 86-meter-long interior are separated by 40 columns of marble and four of granite, and the apse added in the 13th century is lined with mosaics of Old and New Testament themes, masterpieces of Rome's famous mosaic artists.

Opening hours:

⌚ 8-22

Address:

📍 Piazza di Santa Maria Maggiore, Rome

[Visit Website](#)

[Group link](#)

Created: 2022-07-04T22:18:43.906Z

Dialogue
act

[← Return to all events](#)

[Group link](#)



Fig 11: Detail page for event.

The wireframe shows a top navigation bar with 'Logo', 'Home', 'Events', 'Points of Interest', 'Itineraries', 'Services', and 'Login'. Below the navigation is a search bar with 'Service types' dropdown and 'pharmacy' selected. To the right is a placeholder for 'Details of this specific POI'. A 'related POI' section below contains a placeholder for 'POI details'. At the bottom is a footer with 'Navigation', 'About Rome', 'Social media', 'Newsletter', and a 'Logout' button.

Logo Home Events Points of Interest Itineraries Services Login

Service types pharmacy

Details of this specific POI

related POI

POI details

Navigation About Rome Social media Newsletter Logout

Fig 12: Low fidelity wireframe for event detail page

3.4. About us



Home Events Points of Interest Itineraries Services

Login

Lets see Rome with us

Ancient Rome

In modern historiography, ancient Rome refers to Roman civilization from the founding of the city of Rome in the 8th century BC to the collapse of the Western Roman Empire in the 5th century AD. It encompasses the Roman Kingdom (753–509 BC), Roman Republic (509–27 BC) and Roman Empire (27 BC–476 AD) until the fall of the western empire. Ancient Rome began as an Italic settlement, traditionally dated to 753 BC, beside the River Tiber in the Italian Peninsula. The settlement grew into the city and polity of Rome, and came to control its neighbours through a combination of treaties and

While it is considered one of the world's fashion and design capitals, as well as a financial hub, Rome is also a city of culture and thought. While always looking towards the future, this Lazio capital lovingly preserves its prominent history, boasting spectacular museums and some of the most monumental churches in Italy.



Art and Architecture

Roman architecture is an interesting example of Greek influence, where they have borrowed certain designs and ideas only to make them better. Such an example is the use of columns which in their case was more decorative and less structural. Their further creations were curved roofs and arches which are considered to be the most important

Rome in Modern World

The glorious history of ancient Rome holds a collection of the most fascinating ideas that were once revolutionary and that we still use today. Rome is ingrained in our political, cultural, literary traditions and quite frankly in our everyday life. And although many of the Roman inventions were a case of adaptation and improvement rather than originality, mainly because of the great influence ancient Greece had, yet some inventions remain truly unique to Rome. As you are about to find out, some had a crucial role in shaping the world we know today and some may come as a surprise to have originated so long ago.



Rome history

Rome was once the centre of a powerful Roman state. You can travel back in time thanks to numerous monuments of these olden days. There's a single package that includes tickets for the Roman Colosseum, the Forum and the Palatine Hill. The package is an excellent choice for travellers because you don't have to queue. The Roman Forum was once the centre of everyday life, and when the Romans wanted some fun, they went to the Colosseum, which is one of the major Roman attractions. The Palatine Hill is the main Roman hill and is the origin of the Roman State.

[Read more](#)

[Group link](#)

Dialogue act

Rome nature

Rome is with its famous seven hills and numerous villa parks, Rome is one of the greenest cities in all of Europe. During any passeggiata in the Eternal City, you're bound to see stunning umbrella pines, find shady under palm trees and admire cascading ivy on terracotta buildings. Rome is a wonderful mix of nature, culture, history and beauty: be sure to check out the most beautiful parks and gardens in the city.

[Read more](#)  [Group link](#)



Dialogue act

Partners



Supporting and Financing Partners



 [Transition link](#)

Our Community

 400+ employees in 3 offices	 43,000+ customers from 20+ countries	 300+ Events in 40+ Point of interests
--	---	--

Dialogue act

Fig 13: About us page

29 | Page

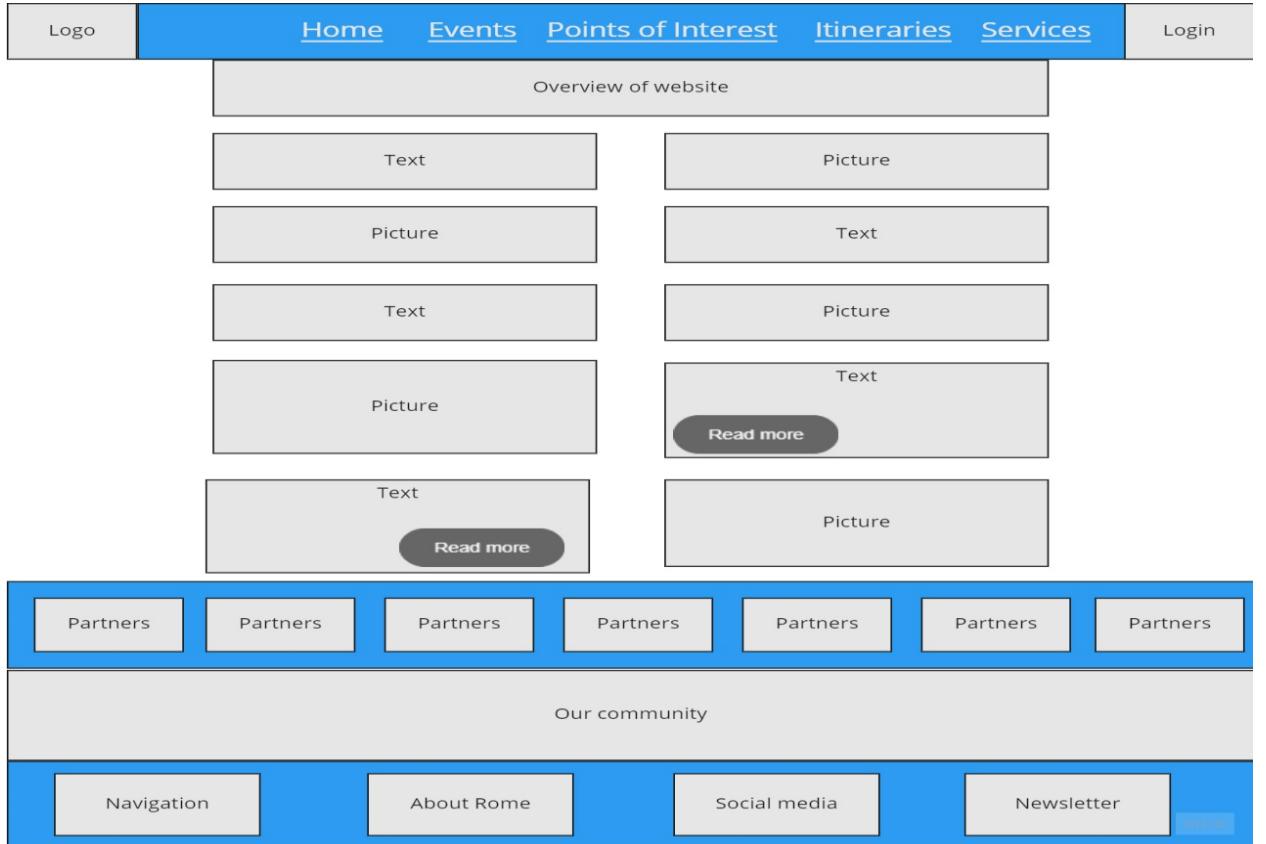


Fig 14: Low fidelity wireframe for About us page

3.5. Rome history

The screenshot displays the 'Rome history' page. At the top is a navigation bar with a logo, Home, Events, Points of Interest, Itineraries, Services, and a Login link. The main content area has a green border and contains the following elements: a title 'Rome, The ancient city', a paragraph about the history of Rome, a photo of the Pantheon, and a sidebar with a dialogue act indicator.

Rome, The ancient city

The history of Rome includes the history of the city of Rome as well as the civilisation of ancient Rome. Roman history has been influential on the modern world, especially in the history of the Catholic Church, and Roman law has influenced many modern legal systems.

The origin of the city's name is thought to be that of the reputed founder and first ruler, the legendary Romulus. It is said that Romulus and his twin brother Remus, apparent sons of the god Mars and descendants of the Trojan hero Aeneas, were suckled by a she-wolf after being abandoned, then decided to build a city. The brothers argued, Romulus killed Remus, and then named the city Rome after himself.

Dialogue act ↑

Fig 15: Rome history page

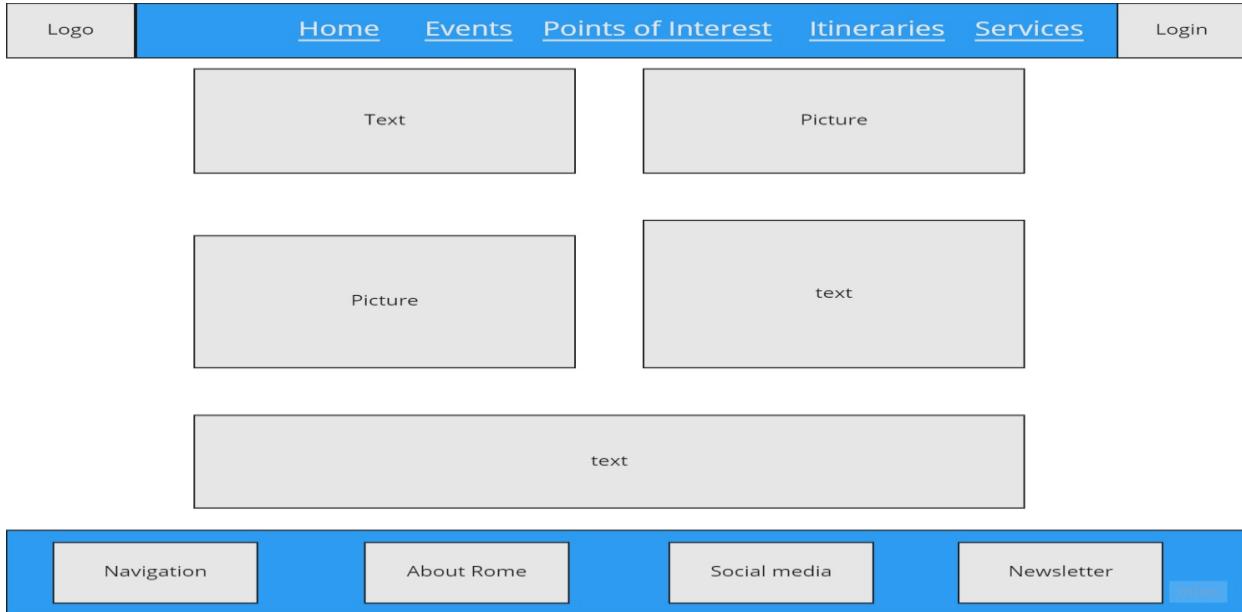


Fig 16: Low fidelity wireframe for Rome history page

3.6. Rome nature

The screenshot shows a web page titled "Rome Nature". The header includes a logo, navigation links (Home, Events, Points of Interest, Itineraries, Services), and a "Login" button. The main content features two images: a bridge over the Tiber River and a path lined with trees. A green box contains text about the geography of Ancient Rome. Below the images, a section titled "What is the physical geography of Rome, Italy?" has a green box containing text about the Tiber River and the seven hills. A "Dialogue act" button is visible in the top right corner.

Rome Nature

Dialogue act

The Geography of Ancient Rome: The seven hills and the Tiber River defined Ancient Rome. Viminal, Quirinal, Palatine, Esquiline, Capitoline, Caelian, and Aventine are the names of the seven hills. From the Apennine Mountains to the Tyrrhenian Sea, the Tiber River runs. It is about 250 miles long. Rome was built on seven hills that are separated by seven rivers. These rivers are the Tiber, Anio, Agro, Velino, Trebbia, Sangro, and Arno. The city of Rome had many suburbs and villages. Nowadays, you can visit many sites all over Italy that were important places in Ancient Rome's life. For example, you can go to the ruins of Ancient Rome's greatest temple, the Temple of Jupiter (Jupiter Tonans). Or you can see where Julius Caesar was stabbed to death at the Senate House. During the Renaissance, Europe began to discover the world and its cultures. In 1556, Pope Maffeus IV Farnese published a book called "Geographical Dictionary" which included a map showing all the known countries at that time. This map is now in the British Museum. In 1797, Napoleon invaded Italy and started to build roads, bridges, and hospitals while trying to convince the people that he was making their country more efficient and powerful.

Dialogue act

What is the physical geography of Rome, Italy?

The Tiber River and the seven hills upon which Rome is constructed are the city's most famous physical features. Aventine Hill, Caelian Hill, Capitoline Hill, Esquiline Hill, Palatine Hill, Quirinal Hill, and Viminal Hill are among them. They form a natural barrier between the central business district and the rest of the city. The Tiber forms a natural boundary between the metropolitan area of Rome and that of Fiumicino on the other side of the river. It is an important waterway for inland navigation but also has a reputation for causing floods and severe weather. The river's name comes from the Latin word "tigris" which means "thunderbolt".

Fig 17: Rome nature page

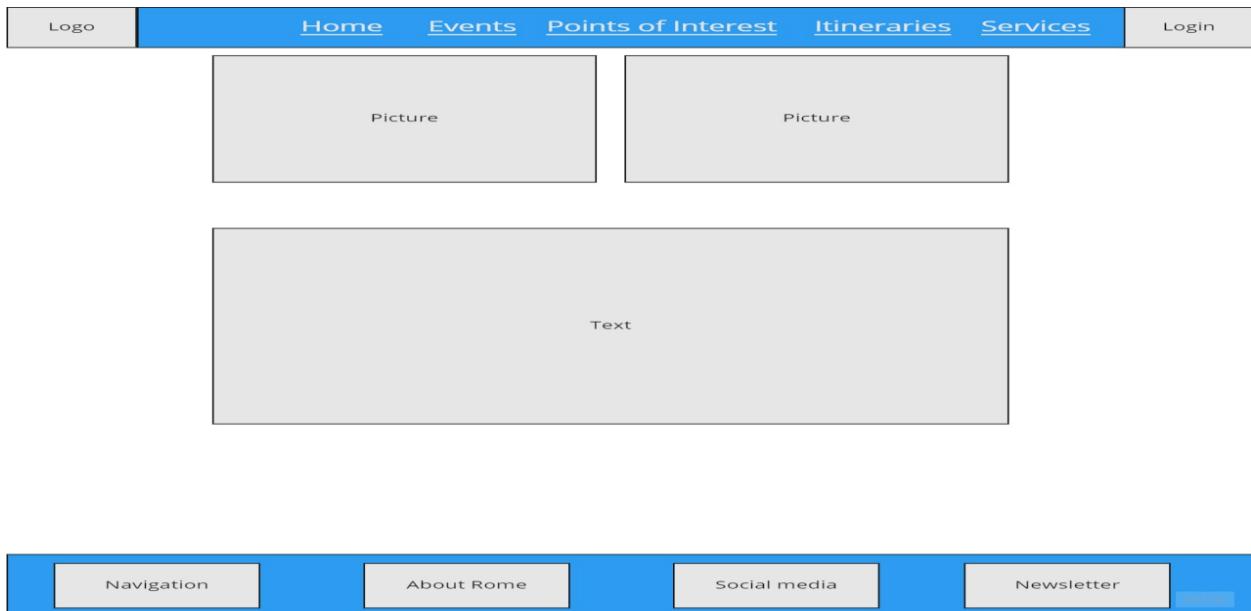


Fig 18: Low fidelity wireframe for Rome nature page

3.7. contact us

The page includes a navigation bar with a logo, 'Home', 'Events', 'Points of Interest', 'Itineraries', 'Services', and a 'Login' button. A green vertical line on the left points to a 'Dialogue Act' label above a 'Get in touch' section. The 'Get in touch' section contains text about reaching out and two contact options: a phone icon with '+21-325-4658' and an email icon with 'Email: Find.your.rome@mail.com'. To the right is a photo of a person wearing headphones and working at a desk with multiple monitors. Below this is a large green-bordered form area. The left side of the form has a speech bubble icon and the text 'Contact us directly'. It includes a note about facing problems and provides two phone numbers. The right side has a headphones icon and the text 'Contact Customer Support', noting help from friends or support teams. It features input fields for 'Name' (with placeholder 'Enter name') and 'Email' (with placeholder 'Enter email'), a 'Comment' text area, and a 'Submit' button. A 'Dialogue Act' label is also placed next to the comment area.

Dialogue act

Downtown Atlanta, GA

Address
Viale dell'Arte 25,
Rome,
Lazio, 00144

Phone
📞 Phone: +21-325-4555





City Life office

Address
Piazza di San Silvestro 8
2nd floor,
Rome, Lazio, 00187

Phone
📞 Phone: +21-328-4877

Dialogue act

Fig 19: Contact us page

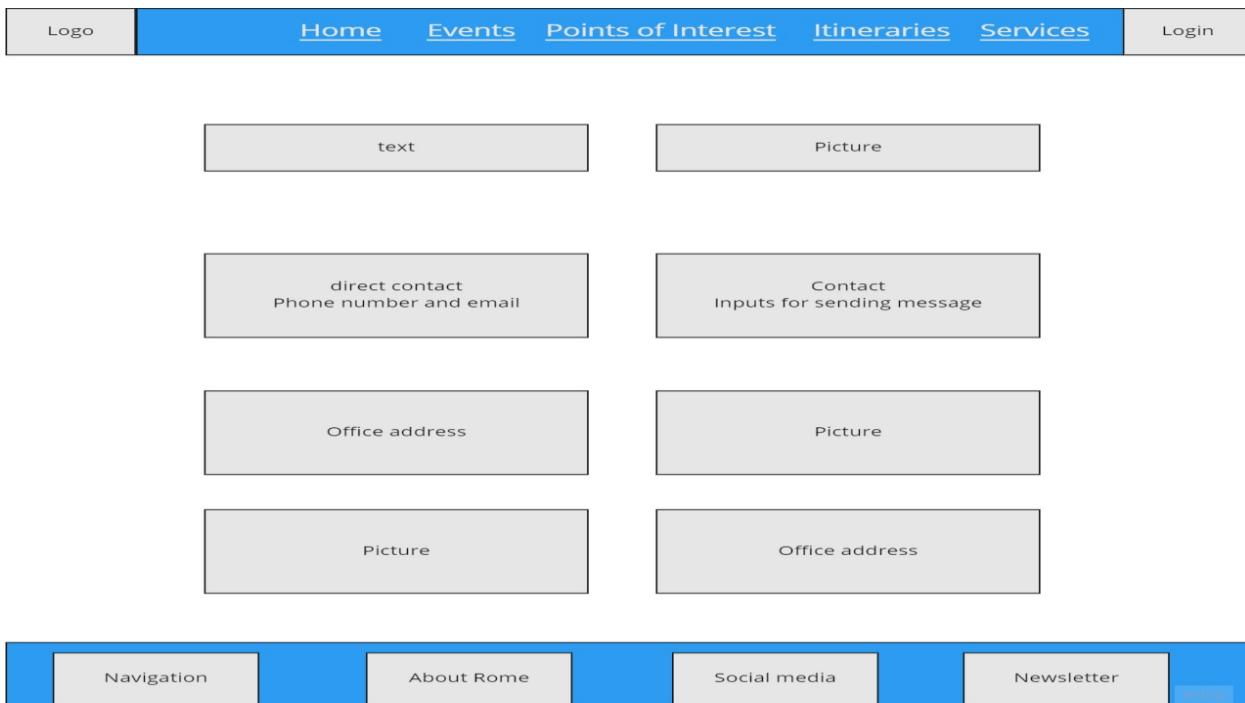


Fig 20: Low fidelity wireframe for contact us page

3.8. Login

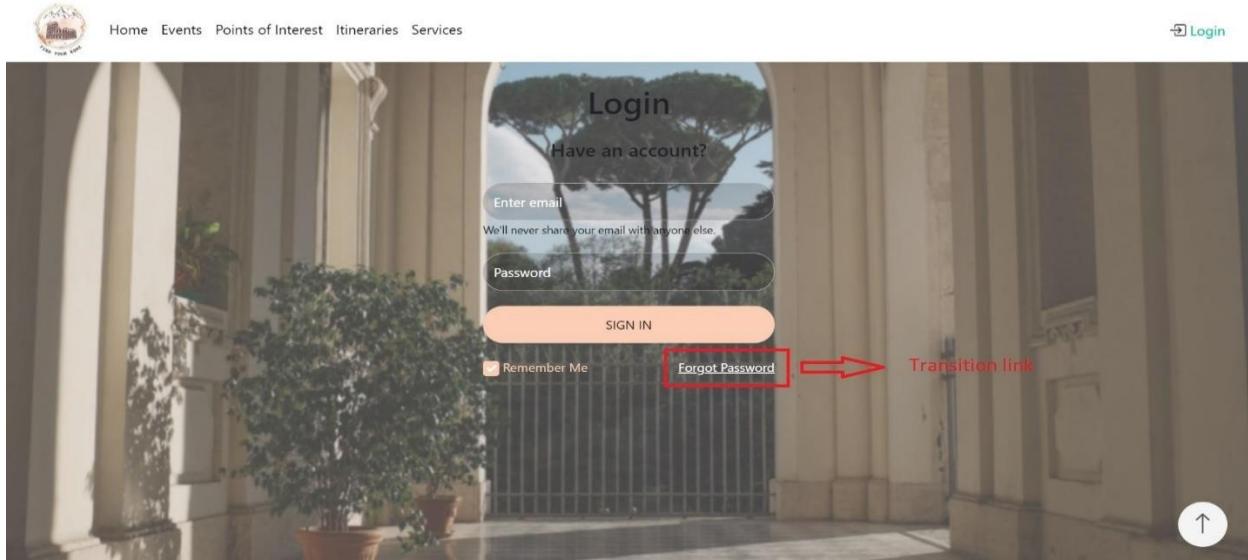


Fig 21: Login page

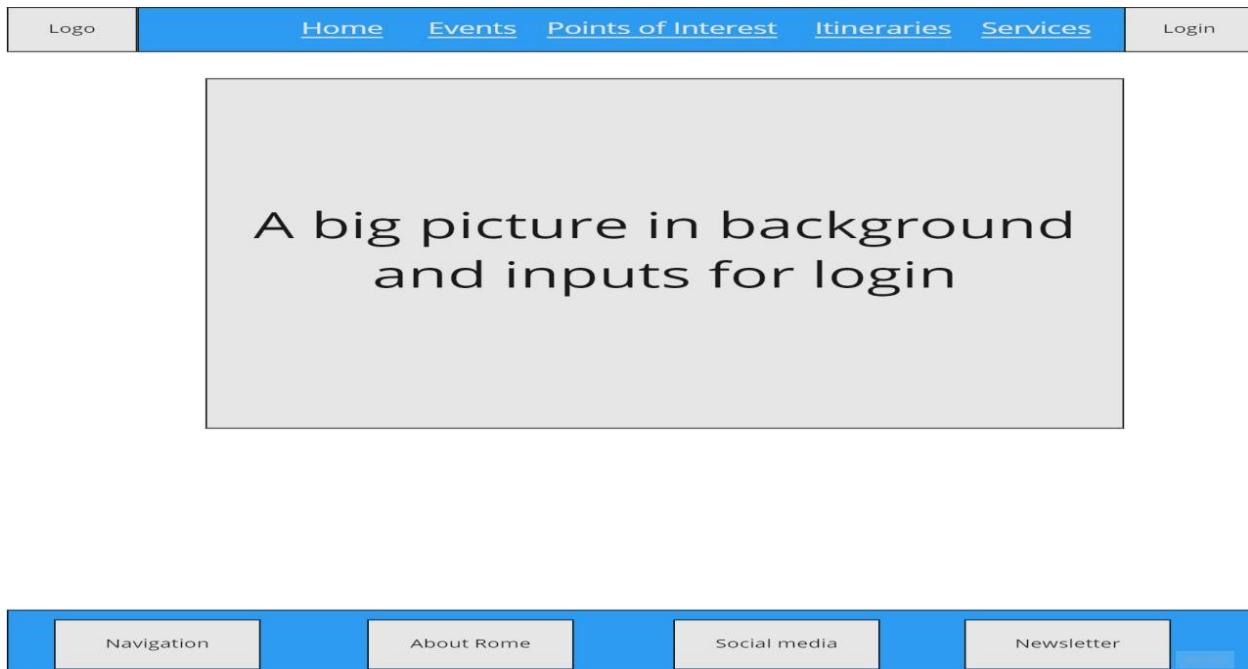


Fig 22: Low fidelity wireframe for login page

3.9. Service

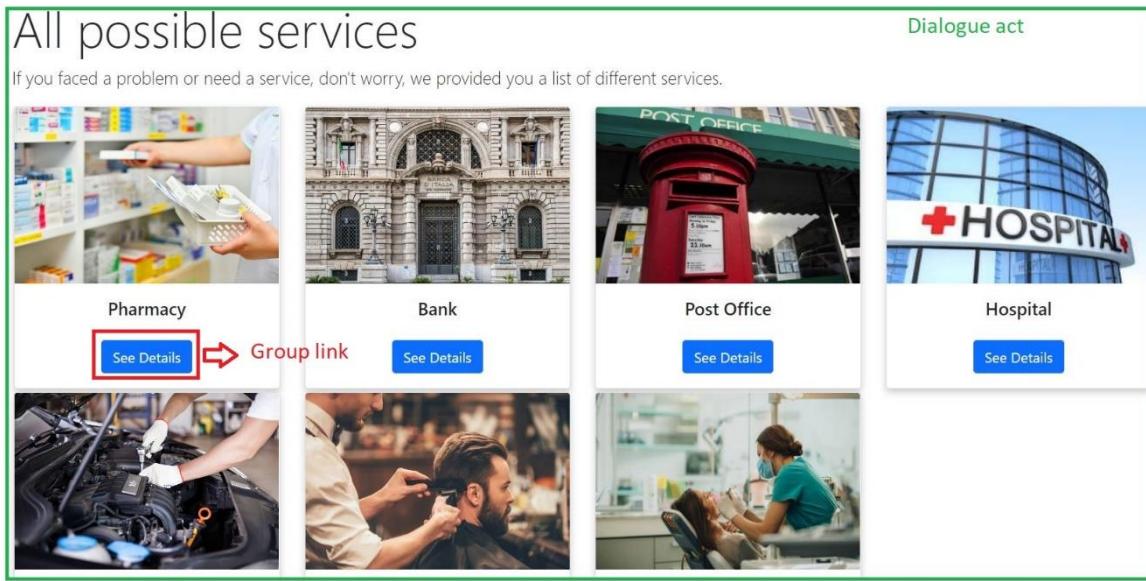


Fig 23: Service page

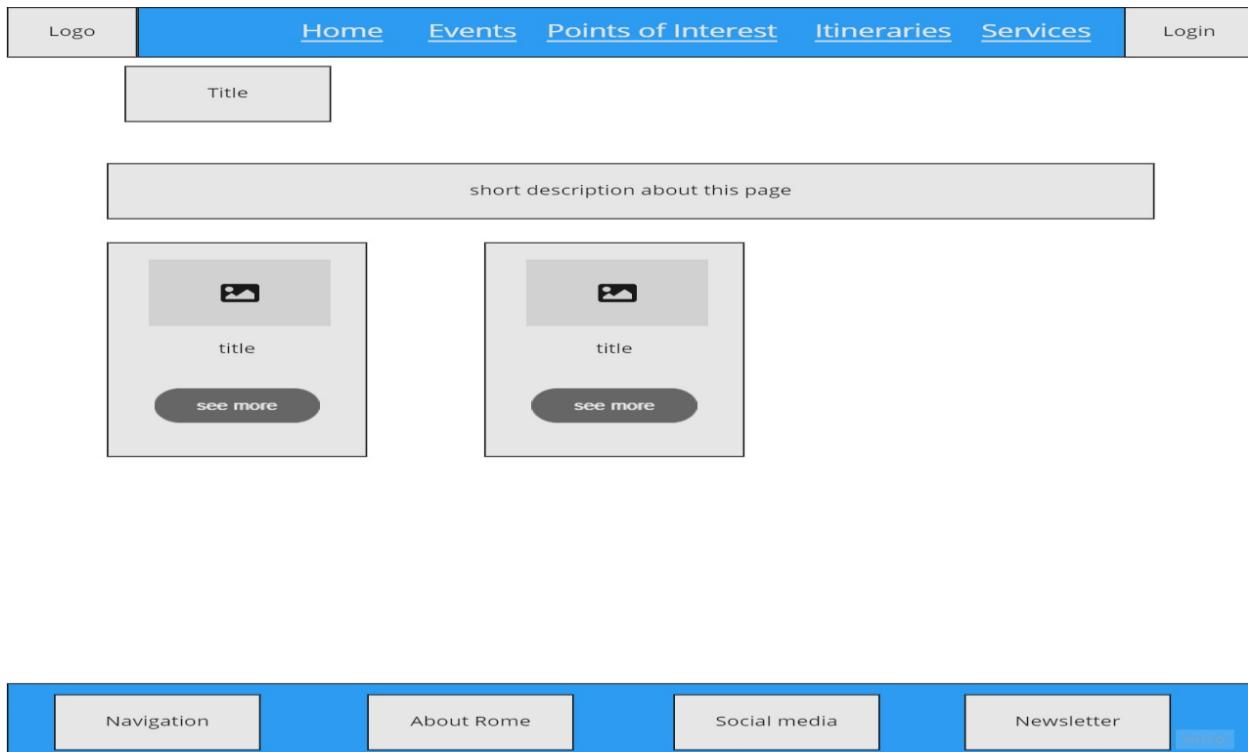


Fig 24: Low fidelity wireframe for service page

Fig 25: service detail page for service type X

Fig 26: Low fidelity wireframe for service detail page

3.10. itineraries

Itineraries

Are you looking for an exciting itineraries? You had the best choice. Here you can find variety of trip plans in Rome. Just select it and enjoy.

Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena
On this small group tour of 20 people or fewer, you can experience this historic Rome icon to the fullest wi...
Total duration: 10 hours
Suggested audience: Families
[See Details](#) [Group link](#)

Skip-the-Line Vatican Museums & Sistine Chapel Group Tour
Discover the sacred and artistic treasures of the Vatican on an immersive tour led by an art histori...
Total duration: 7 hours
Suggested audience: Families
[See Details](#)

Pompeii, Amalfi Coast and Positano Guided Small-Group Day Trip from Rome
With so many amazing sites around Italy to visit, it can be difficult to decide how to spend your time. Wi...
Total duration: 12 hours
Suggested audience: Families
[See Details](#)

Dialogue act

Fig 27: Itinerary list page.

Logo [Home](#) [Events](#) [Points of Interest](#) [Itineraries](#) [Services](#) Login

Title

short description about this page

title
opening hours
address
[see more](#)

title
opening hours
address
[see more](#)

Navigation About Rome Social media Newsletter [more](#)

Fig 28: Low fidelity wireframe for itinerary list page

[Itineraries](#) / Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena  [Group link](#)



Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena

Dialogue act

On this small group tour of 20 people or fewer, you can experience this historic Rome icon to the fullest with access to areas that are typically closed to the public—the underground chambers. After skipping the main entrance line, explore the Colosseum with an informative guide, who shares stories about life in Ancient Rome. Read more about Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena

Details:
Duration: 10 hoursmin Suggeste audience: Families
Created: 2022-07-05T05:13:07Z

↑

Points of interest involving the itinerary



Colosseum

The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding t...

Opening hours: ⏰ 7-22
Address: 🗺 Piazza del Colosseo 1, Rome

[See Details](#)



The Pantheon

The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows t...

Opening hours: ⏰ 7:30-21
Address: 🗺 Piazza della Rotonda, Rome

[See Details](#)



Forum Romanum

Walking through the forum, now in the middle of a throbbing modern city, is like stepping back t...

Opening hours: ⏰ 7-21
Address: 🗺 Via della Salara Vecchia, 5/6, Roma

[See Details](#)

 [Return to all itineraries](#)

 [Group link](#)

Fig 29: Itinerary detail page

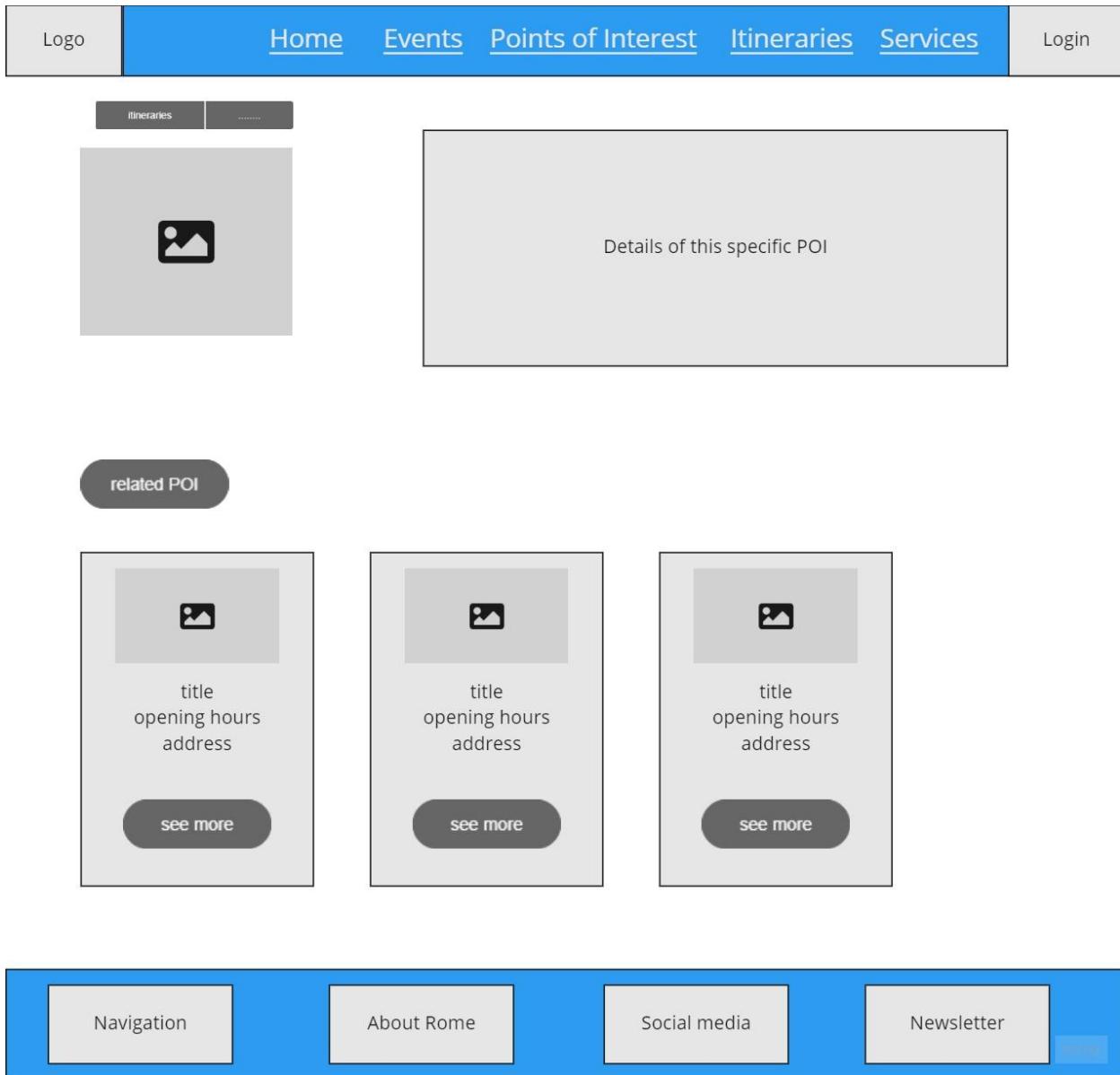


Fig 30: Low fidelity wireframe for itinerary detail page

4. Interaction Scenarios

4.1. Scenario 1

User profile: Chiara is a person that wants to join in some events.

Goal: She wants to find some events that are held in Rome for spending her free time.

Task: She enters our website and explores a tab that satisfies her requirement. She finds the events section in the navbar and clicks on it. She faces a variety of events. Then she decides to select only summer events and clicks on the summer tab to filter the results. She selects the interesting event and clicks on See Details and transfers to another page to see more detail about that specific event. Now she decides to go back and search for more events. In this way, she clicks on Return to all events or clicks on the group link that is provided on this page and selects another event. She enters to the details page for this new event and finds this event interesting. Then she wants to see where this event is held. This way, she scrolls the page down and finds the POI that hosts this event and also the details of this POI.

1: She selects the Event section in navbar.



2: She filters events to summer events and selects one of those.

The screenshot shows the 'Events' page with a header message: "Looking for something to do in Rome? Whether you're a local, new in town or just cruising through we've got loads of great tips and events. You can explore by season, and find interested events in different locations and... you got this. Ready?" Below the header are three tabs: 'Summer' (highlighted with a red box), 'Winter', and 'All Events'. Four event cards are displayed:

- Pride Parade in Rome!**
In a statement, Roma Pride spokesperson Mario Colamarino said that greater protection was requir...
9.07.2022 15:30
Cost: € 10
Prebooking: X
[See Details](#)
- Ides of March**
Each year on March 15, or the Ides of March, Rome marks the anniversary of Julius Caesar's untimely death with...
4.12.2022 18:00
Cost: € 10
Prebooking: X
[See Details](#)
- Russia's War in Ukraine and the Future of Transatlantic Relations**
John Cabot University's Guarini Institute for Public Affairs and Temple University's Rome campus present...
07.03.2022 18:30
Cost: Free
Prebooking: X
[See Details](#)
- VinòForum**
When in Rome, you can't miss the chance to taste all the wines, and a great place to do just that is ...
8.12.2022 14:00
Cost: € 20
Prebooking: X
[See Details](#)

3: She reads the detail and decides to go back to select another one. This way she clicks on the return to events button or group link provided on the top side of the page.

[Events](#) / Pride Parade in Rome!



Pride Parade in Rome!

In a statement, Roma Pride spokesperson Mario Colamarino said that greater protection was required 'for our community, in particular for transgender people, who are too often discriminated against and victims of violence, inside and outside the workplace.'

Details:

9.07.2022 15:30 Duration: 120min Cost: € 10 Prebooking: X

Organisation:

LGBT community

Address:

Via dei Fori Imperiali

[Visit Website](#)



Related Point of Interest: Colosseum



The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth story, it was inaugurated in the year AD 80 with a series of splendid games. The Colosseum was large enough for theatrical performances, festivals, circuses, or games, which the Imperial Court and high officials watched from the lowest level, aristocratic Roman families on the second, the populace on the third and fourth.

Opening hours:

7-22

[Visit Website](#)

Address:

Piazza del Colosseo 1, Rome

Created: 2022-07-04T22:25:37.206Z



[Return to all events](#)

4: she selects another event.



Ides of March
Each year on March 15, or the Ides of March, Rome marks the anniversary of Julius Caesar's untimely death with...

⌚ 4.12.2022 ⏰ 18:00
Cost: € 10
Prebooking: ✘
[See Details](#)



Russia's War in Ukraine and the Future of Transatlantic Relations
John Cabot University's Guarini Institute for Public Affairs and Temple University's Rome campus present...

⌚ 07.03.2022 ⏰ 18:30
Cost: Free
Prebooking: ✘
[See Details](#)

5: She enters the detail and read those and reads detail about POI that hosts this event.

[Events](#) / Taste of Roma



Taste of Roma

If you're in town at the end of September, Taste of Roma should be on your to-do list. This enormous food festival is a great way to eat your way through the city and sample the cuisines of Rome's best chefs and emerging food personalities. Expect more details closer to the date of the event.

Details:

⌚ 10.21.2022 ⏰ 13:00 Duration: 110min Cost: Free Prebooking: ✘

Organisation:

ByteAff2airs

Address:

Via Colonnello Galliano 58

[Visit Website](#)

Related Point of Interest: The Pantheon



The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows the extraordinarily high technical mastery of Roman builders. Its 43-meter dome, the supreme achievement of Roman interior architecture, hangs suspended without visible supports – these are well hidden inside the walls – and its nine-meter central opening is the building's only light source.

Opening hours:

⌚ 7:30-21

Address:

⌚ Piazza della Rotonda, Rome

[Visit Website](#)

Created: 2022-07-04T22:25:37.207Z

[Return to all events](#)



4.2. Scenario 2

User profile: Luca is a tourist that wants to see Rome.

Goal: He wants to find some interesting places and events for spending his time.

Task: Luca enters our website and selects the Point of interest section in navbar navigation and will face a variety of POIs. Then he selects the See Details button to see the details related to the specific POI. Here he sees details and also events that will be held in this POI and also itineraries that contain this POI. He doesn't like this POI, then decides to explore another one. He clicks on Return to all POIs or clicks on the group link that is provided on this page and then selects another POI. This time he finds this POI so interested and then for more information he clicks on one event that was held in this POI and transfers to the detail page about that event. After reading the details Luca clicks on Return to point of interest and goes to the POI detail page. Now he wants to see the itineraries that include this place and he clicks on one See Details button of those and transfers to the detail page for that itinerary. Here he finds more detail about this itinerary and all included POIs. After reading the detail he clicks on Return to point of interest and goes to the POI detail page.

1: He selects points of interest section in navbar.



2: She select one POI.

Colosseum
The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth sto...
Opening hours: ⏰ 7-22
Address: 🗺 Piazza del Colosseo 1, Rome
[See Details](#)

The Pantheon
The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows t...
Opening hours: ⏰ 7:30-21
Address: 🗺 Piazza della Rotonda, Rome
[See Details](#)

3: She reads the detail and decides to select another POI.

Points of interest / Colosseum



Colosseum

The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth story, it was inaugurated in the year AD 80 with a series of splendid games. The Colosseum was large enough for theatrical performances, festivals, circuses, or games, which the Imperial Court and high officials watched from the lowest level, aristocratic Roman families on the second, the populace on the third and fourth.

Opening hours:

⌚ 7-22

Address:

📍 Piazza del Colosseo 1, Rome

[Visit Website](#)

Created: 2022-07-04T22:25:37.206Z

Relevant events at that location



Pride Parade in Rome!

In a statement, Roma Pride spokesperson Mario Colamarino said that greater protection was requir...

📅 9.07.2022

⌚ 15:30

Cost: € 10

Prebooking: ✗

[See Details](#)

Itineraries involving this location



Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena

On this small group tour of 20 people or fewer, you can experience this historic Rome icon to the fullest wi...

Total duration: 10 hours

Suggested audience: Families

[See Details](#)

[← Return to all Points of interest](#)

4: She selects other POI.



The Pantheon

The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows t...

Opening hours: ⏰ 7:30-21

Address: 🗺 Piazza della Rotonda,
Rome

[See Details](#)



Forum Romanum

Walking through the forum, now in the middle of a throbbing modern city, is like stepping back t...

Opening hours: ⏰ 7-21

Address: 🗺 Via della Salara Vecchia,
5/6, Roma

[See Details](#)

5: On the detail page, she reads the detail and scrolls down to see events and itineraries that contain this POI.

[Points of interest](#) / The Pantheon



The Pantheon

The Pantheon was rebuilt after damage by fire in AD 80, and the resulting brickwork shows the extraordinarily high technical mastery of Roman builders. Its 43-meter dome, the supreme achievement of Roman interior architecture, hangs suspended without visible supports – these are well hidden inside the walls – and its nine-meter central opening is the building's only light source.

Opening hours:
 7:30-21

Address:
 Piazza della Rotonda, Rome

[Visit Website](#)

Created: 2022-07-04T22:25:37.207Z

Relevant events at that location



Taste of Roma

If you're in town at the end of September, Taste of Roma should be on your to-do list. This enoromo...

10.21.2022 13:00

Cost: Free

Prebooking:

[See Details](#)

Itineraries involving this location



Colosseum Underground Small Group Tour with Roman Forum & Gladiator Arena

On this small group tour of 20 people or fewer, you can experience this historic Rome icon to the fullest wi...

Total duration: 10 hours
Suggested audience: Families

[See Details](#)



Skip-the-Line Vatican Museums & Sistine Chapel Group Tour

Discover the sacred and artistic treasures of the Vatican on an immersive tour led by an art histori...

Total duration: 7 hours
Suggested audience: Families

[See Details](#)

[← Return to all Points of interest](#)

6: She enters the detail page for both the event and itinerary. And after reading those details uses Return to point of interest button to return to the previous page.

[Points of interest](#) / [The Pantheon](#) / [Taste of Roma](#)



Taste of Roma

If you're in town at the end of September, Taste of Roma should be on your to-do list. This enormous food festival is a great way to eat your way through the city and sample the cuisines of Rome's best chefs and emerging food personalities. Expect more details closer to the date of the event.

Details:

10.21.2022 13:00 Duration: 110min Cost: Free Prebooking:

Organisation:

ByteAff2airs

Address:

Via Colonnetto Galliano 58

[Visit Website](#)

Created: 2022-07-04T23:35:14.082Z

EventType: click

Season: WINTER

[← Return to Point of Interest](#)





Skip-the-Line Vatican Museums & Sistine Chapel Group Tour

Discover the sacred and artistic treasures of the Vatican on an immersive tour led by an art historian guide. Skip the long lines with priority access, and see some of the most important masterpieces in the Vatican Museum's immense collection. Stand in awe beneath Michelangelo's frescoes in the Sistine Chapel, and learn the stories behind the art through an audio headset so you don't miss a word of your guide's commentary. Read more about Skip-the-Line Vatican Museums & Sistine Chapel Group Tour - <https://www.viator.com/tours/Rome/Skip-the-Line-Vatican-Museums-and-Sistine-Chapel-Tour/d511-7356P1?mcid=56757>

Details:

Duration: 7 hoursmin

Suggested audience: Families

Created: 2022-07-04T23:35:13.923Z

[← Return to point of interest](#)

4.3. Scenario 3

User profile: Ali is a person that went to Rome for winter vacations.

Goal: He faced the car broke down.

Task: He is looking for a place for repairs his car. He explored in web and find our website. He enters to services section and found the mechanic shop service. He clicks on to see details and finds several mechanic shops with addresses and opening hours. He needs more information about one of those that are close to him and clicks on see details and transfers to the service provider website. He reads the detail but is not sure that this shop could solve his problem then he decides to select another one. Then he clicks on the back button of the browser and goes to the previous page that contains all possible mechanics listed on our website and selects another one.

1: clicks on service section.



[Home](#) [Events](#) [Points of Interest](#) [Itineraries](#) [Services](#)   **clicks here**

2: finds mechanic shop service type and then click on see details to



Mechanic shop

[See Details](#)



Barber

[See Details](#)

Click here to see more services in this topic

3: clicks see details to transfer to the service provider website, or take the address and go there in presence.

[Services / Mechanic shop](#)



Click here to go back to previous page

Mechanic shop

Here you can find all possible mechanic shop services. Just click on see details bottom and tra



Auto Rimessa

⌚ Opening hours: 9:30-20
📍Address: Via del Castro Pretorio,

[See Details](#)

Click here to trasfer to service provider page



Custom Cars Srl

⌚ Opening hours: 8:30-18
📍Address: Salita di S. Nicola da Tolentino, 22

[See Details](#)

4: Then he selects another mechanic shop and enters the detail page.



Custom Cars Srl

Opening hours: ⏰ 8:30-18

Address: 🛎 Salita di S. Nicola da Tolentino, 22

[See Details](#)



Auto Center Rome

Opening hours: ⏰ 7:30-20

Address: 🛎 Via Raimondo Montecuccoli, 30- 32/A

[See Details](#)