



POLITECNICO
MILANO 1863

M.Sc. Computer Science and Engineering
Hypermedia Applications Project

Design Report



<https://visitvenice.herokuapp.com/>

[GitHub Repository](#)

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Abstract

VisitVenice is a website designed to help anyone who wants to have touristic information about the city, from its history to the most interesting events that take place in the laguna. The goal of this design report is to offer a complete overview of the visual and functional aspects of the website. The main design choices will be described through the help of tables, schemes, such as wireframes with realistic content, and scenarios that describe a real use of the implemented website by some users.



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1 Introduction

1.1 Requirements

The tourism entity required a website to make sure that visitors can find all the information needed during a journey in Venice. The website must show at least the following pages:

- About Us with the basic information about the city and its history
- Contact Us with the contacts to contact the tourism entity
- Events which will show the events taking place in the city, also past events are allowed
- Points of Interest which will store all the major attractions of the city
- Itineraries which will contain some suggested itineraries across the city
- Services which will contain the main service types present in the city

Many of these pages can have also other nested pages to make sure that the navigation is fluid and clear for all types of user.

1.2 Purpose

The purpose of this design report is to offer a complete overview of the visual and functional aspects of the website. The main design choices will be described through the help of tables, schemes, such as wireframes with realistic content, and scenarios that describe a real use of the implemented website by some users.



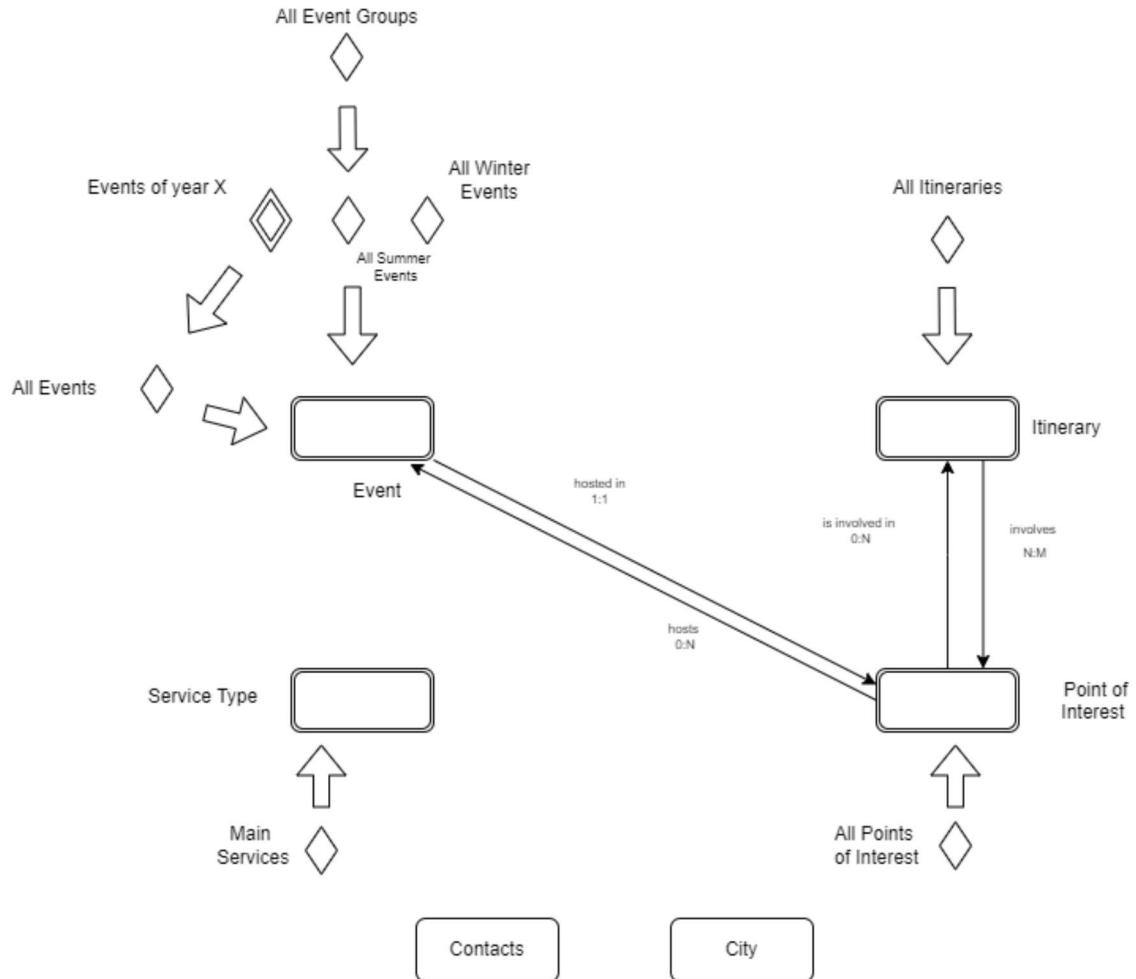
2 Conceptual Design

In this section will be explained the Conceptual Design of the website, starting from the Content Design of each topic to get to the mapping of those into Abstract pages in the Navigation Design.

2.1 Content Design

The C-IDM (Content Interaction Dialogue Model) is a model that aims to describe the relationship between the user and the website, specifically, it describes the interaction by classifying each subject and describing how they are related to one another.

2.1.1 C-IDM Diagram



2.1.2 Content in the Small

KIND OF TOPIC: Event	
Title	Text (100 char)
Overview	Text
Map	Interactive Map
POI hosting the event	Name + Address
Date	Date
Contacts	Landline Phone + Mobile Phone + Email
Tickets	Costs
Images	List [Image]

Table 1: Content Event

KIND OF TOPIC: Itinerary	
Title	Text (100 char)
Overview	Text
Representative image	Image
Map showing the position of the POIs	Interactive Map
Overview of points of interest	List [Name + Short Description + Image]

Table 2: Content Itinerary

KIND OF TOPIC: Service Type	
Service Type Name	Text (100 char)
Short Overview	Text
Representative image	Image
Map showing service points	Interactive Map
List of service points	List [Name + Address + Telephone number + Opening hours + image]

Table 3: Content Service



KIND OF TOPIC: Point of Interest	
Title	Text (100 char)
Short Overview	Text
Contacts	Landline Phone + Mobile Phone + Email
Opening Hours	Time
Closing Hours	Time
Tickets	Costs
Map	Interactive Map
Events correlated to POI	List [Event title + Event date + Short Description + Image]
Itineraries correlated to POI	List[Itinerary title + Short Description + Image]
Images	List[Images]

Table 4: Content Point of Interest

TOPIC: City	
Title	'Venice'
Short Overview	Text
Representative image	Image
Map	Interactive map
Short history description	Text + Image

Table 5: Content City

TOPIC: Contact Us	
Title	'Contact Us'
Short Overview	Text
Opening hours	Time
Contact	Landline Phone + Email

Table 6: Content Contact



2.2 Navigation Design

In this chapter the previous content in the small tables will be linked with the pages implemented in the website, describing their type, content and links.

2.2.1 Abstract pages: Content tables - Pages mapping

2.2.1.1 Kind of Topic

Events

INTRODUCTORY PAGE: Events	
Title	'Events'
Image background	Image
Group link / Orientation info	Breadcrumbs
Group links - Upcoming Events	List[Name + Date + Short Description + Image + Link to event]
Group link - All Current Year Events	Short Description + Image + Link to current year events page
Group link - All Summer Events	Short Description + Image + Link to summer events page
Group link - All Winter Events	Short Description + Image + Link to winter events page
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 7: Event Introductory

SECTION PAGE: Event Type	
Event section name	Text
Image background	Image
Overview	Text
Group link / Orientation info	Breadcrumbs
Group links	Links to different event of the year X pages
Group Links - Upcoming events	List[Name + Date + Short Description + Image + Link to event]
Group Links - Single Event	List[Name + Date + Image]
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 8: Event Section



TOPIC PAGE: Event	
Event Title	Text (100 char)
Image background	Image
Overview	Text
Map showing the address of the POI hosting the event	Interactive Map
Date	Date
Contacts	Landline Phone + Mobile Phone + Email
Tickets	Costs
Images	List [Image]
Group link / Orientation info	Breadcrumbs
Group links	Link to previous and next Event (show title)
Group link - All Events	Link to the Introductory page 'Events'
Transition Link - POI	POI name + Link to POI
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 9: Event Topic

Itineraries

INTRODUCTORY PAGE: Itineraries	
Title	'Itineraries'
Image background	Image
Group link / Orientation info	Breadcrumbs
Group Links - Best itineraries	List [Itinerary name + Image + Short description + Link to itinerary]
Group Links - Itineraries	List [Itinerary name + Image]
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 10: Intro page itinerary



TOPIC PAGE: Itinerary	
Itinerary name	Text (100 char)
Image background	Image
Overview	Text
Map showing all POIs addresses	Interactive Map
Group link / Orientation info	Breadcrumbs
Group links	Link to previous and next itinerary (show title)
Transition Links - Points of interest	List [Name + Short Description + Image + Link to POI]
Group link	Link to all itineraries
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 11: Topic page itinerary

Services

INTRODUCTORY PAGE: Services	
Title	'Services'
Image background	Image
Group link / Orientation info	Breadcrumbs
Group links - Services	List [Service name + Image]
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 12: Intro page service



TOPIC PAGE: Services	
Service name	Text (100 char)
Image background	Image
Overview	Text
Map	Interactive Map
Group link / Orientation info	Breadcrumbs
Group links	Link to previous and next service (show name)
Group links - Service points	List [Name + Phone number + Opening hours + address + Image]
Group link	Link to all services
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 13: Topic page service



Points of Interest

INTRODUCTORY PAGE: Points of Interest	
Title	'Points of Interest'
Image background	Image
Group link / Orientation info	Breadcrumbs
Group links - Points of interest	List [Name + Image + Link to POI]
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 14: Intro page points of interest

TOPIC PAGE: Point of Interest	
Point of interest name	Text (100 char)
Image background	Image
Contacts	Landline Phone + Mobile Phone + Email
Opening Hours	Time
Closing Hours	Time
Tickets	Costs
Map	Interactive Map
Images	List [Image]
Overview	Text
Group link / Orientation info	Breadcrumbs
Group links	Link to previous and next POI (show title)
Transition links - Events happening here	List [Event name + Date + Description + Image + Link to event]
Transition links - Itineraries involving	List [Itinerary name + Description + Image + Link to itinerary]
Group link	Link to all points of interest
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 15: Topic page points of interest



2.2.1.2 Topic

City

TOPIC: City	
Title	'City'
Image background	Image
Map	Interactive Map
Group link / Orientation info	Breadcrumbs
Group link - History card	Short description + Image + Link to history page
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 16: Topic page city

TOPIC: History	
Title	'History'
Image background	Image
History of Venice Chapters	List [Title + Description + (Image)]
Group link / Orientation info	Breadcrumbs
Structural links	Link to all the section of the page
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 17: Topic page history



Contact Us

TOPIC: Contact Us	
Title	'Contact Us'
Image background	Image
Overview	Text
Opening hours	Time
Contact	Landline Phone + Email
Group link / Orientation info	Breadcrumbs
Landmarks	Home + Events + Itineraries + Services + Points of Interest + City + Contact Us + Social

Table 18: Topic page contact us



3 Visual Design

This chapter will describe the graphical structure of the website. A screenshot of the current website will be used to help the description of the specific page, showing where the various components are as much as the other interactive elements like navigation links, group links and also the informative contents of the page.

3.1 Home Page

The home page is the standard entry point of the website, and its purpose is to show the user the main pieces of information about the website and give him a fast way to reach the needed information. Other than the basic layout with header and footer, the home page provides an aesthetic video of Venice and three sections, which respectively show the main events, itinerary and points of interest of the city, these elements have the purpose to meet the user goal in the fastest way possible.





IT'S HAPPENING HERE

Transition link

Transition link

See all

Transition link

26 AUGUST 2022 ARRAN 360

4 SEPTEMBER 2022 VENEZIA REGATA STORICA

22 FEBRUARY 2023 BURANO CARNIVAL

28 FEBRUARY 2023 SVOLDO DEL LEON

TAKE A RIDE

Transition link

See all

Transition link

MURANO, BURANO AND TORCELLO

THE ART OF VENICE

BRIDGES LOVER

MUST SEES OF VENICE

YOU CANNOT MISS

Transition link

See all

Transition link

BASILICA DI SAN MARCO

PIAZZA SAN MARCO

PALAZZO DUCALE

CANAL GRANDE

Landmark

Landmarks

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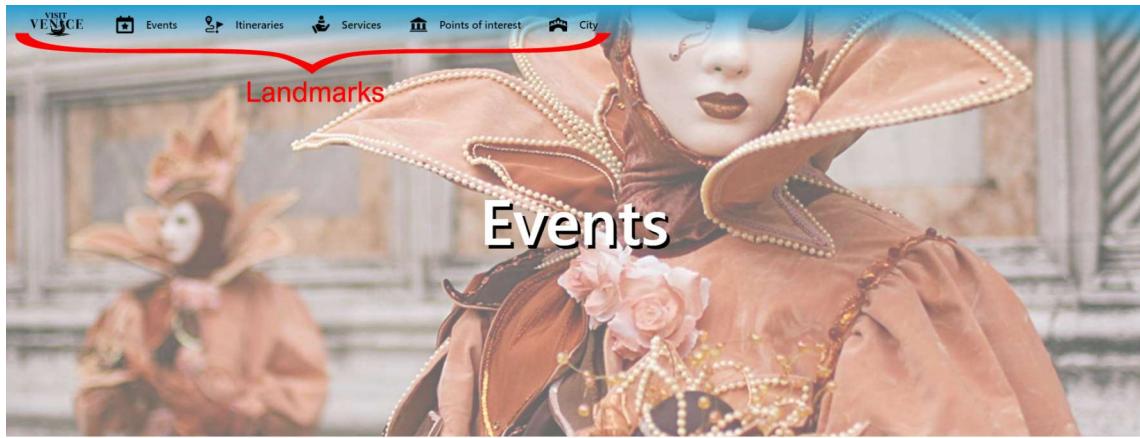
Politecnico Di Milano Hypermedia Application Contact Us



3.2 Events

On this page, there are 3 main sections that link to pages that will contain the events grouped by date (Summer, Winter, Year), on top of that there is a carousel that shows the upcoming events, that has the aim to meet the most common request of a user.





Orientation info { Events

Upcoming Events



Arran 360

26 August 2022

Six filmmakers have been chosen to represent the vibrant development of Sámi storytelling as a part of the ARRAN 360° exhibition, which will have its world premiere as part of 'The Sámi Pavilion' at the 59th International Art Exhibition of La Biennale di Venezia on 26th of August 2022. ARRAN 360° w...

[Discover More](#)

[Group link](#)



All 2022 events

Discover all the fantastic events organized in the city of Venice during this year. Choose your favorites and plan your visit to Venice so you can have an unforgettable experience. Take part in the Venetian tradition or get carried away by the uniqueness that new events bring to the lagoon every year.

[Discover More](#)

[Group link](#)

Summer Events

During the summer, Venice is colored in the brightest colors. Summer events range from the film festival to the famous Vogalonga. Be inspired by the cheerfulness of Venetians and relax while watching the reflections of the sunset on the water of the lagoon. It's never too late to enjoy a vacation.

[Discover More](#)

[Group link](#)



Winter Events

In winter, the lagoon is filled with magic. Events such as Carnival, exhibitions and the marathon make Venice even more unique and unforgettable. Not to mention that the sea of the lagoon offers natural shelter from the cold of winter.

[Discover More](#)

[Group link](#)

Landmark

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[Contact Us](#)

Landmarks

[@](#) [Facebook](#) [YouTube](#)



3.2.1 Events-Type

On this page, after a brief description, there is a carousel of upcoming events of the specific type (Summer, Winter, Year) and then a grid will show all the events of the specific type



3.2.1.1 Single Event

On this page after the description of the event, there is a map that shows where it will take place and a link to the point of interest, then there are the contacts and in the end a carousel of images.



3 VISUAL DESIGN

Landmarks

Group link

Orientation info { [Events](#) > [Summer Events](#) > [Venice Regata Storica](#)

Group link { [Arran 360](#)

Group link { [Lido Incontra: France & Venice](#)

The Venice Regata Storica traditionally takes place on the first Sunday in September along the most famous and enchanting canal in Venice, the Grand Canal.

The Regata Storica is one of the events in Venice with the highest following, a highly enchanting happening which every year sees the participation of thousands of tourists and spectators and is also very popular amongst the inhabitants of Venice who have given it a place of honour amongst the numerous events that take place.

The Venice historic parade re-enacts the water parade organized in 1489 to celebrate the return to Venice of Caterina Cornaro. A member of one of the most powerful families in Venice, Caterina was given in marriage to the king of Cyprus. She soon became queen following the premature death of her husband but was forced to abdicate allowing Venice to rein over Cyprus.

Canal Grande

Discover More

Transition link

More information

Date:
4 September 2022

Contacts:

- landline phone: +39 041 477139
- mobile phone: +39 3307984491
- mail: regatavenezia@outlook.it

Gallery

Structural link {<

Structural link {>}

[Back to events](#)

Landmark

Group link

Landmarks

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3.3 Itineraries

On this page, after the carousel of the best itineraries, there is a grid showing all itineraries.

Landmarks

Itineraries

Orientation info { Itineraries

Best Itineraries

Murano, Burano and Torcello

Visit Torcello, Murano, and Burano three islands in the Venetian Lagoon on this tour from Venice by motorboat. With a guide, watch glass being blown at a Murano glass factory, see historical cathedrals on Torcello, and admire exquisite handmade lace on Burano. This is a great way to see more than just the city!

Discover More

Group link

All Itineraries

Murano, Burano and Torcello

The Art Of Venice

Bridges Lover

Must Sees of Venice

5 Churches to See (Soon)

Venice in a Weekend (Soon)

A Day on the Beach (Soon)

A Tour on the Water (Soon)

Inside the ancient History (Soon)

Venice in Love (Soon)

All the Palaces (Soon)

Luxury, that's all (Soon)

Landmark

Landmarks

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Politecnico Di Milano Hypermedia Application [Contact Us](#)

3.3.1 Single Itinerary

On this page after a description of the itinerary, there is a map that shows the path between the different points of interest, in the end, there is a list of the various points of interest in the itinerary.



Landmarks

Group link

Orientation info { [Itineraries](#) > Bridges Lover

Group link { [The Art Of Venice](#)

Group link { [Must Sees of Venice](#)

Venice, the floating city, one cannot visit Venice without getting lost among its bridges and canals, and discovering all the glimpses that this city can offer.

And that is exactly what this itinerary seeks to show you by taking you around the most famous and important bridges and canals that connect the city.

Points of Interest

Canal Grande

The Grand Canal (Italian: Canal Grande, Venetian: Canal Grando) is a channel in Venice, Italy. It forms one of the major water-traffic corridors in the city. One end of the canal leads into the lagoon near the Santa Lucia railway station and the other end leads into the basin at San Polo. In total, it measures a large reverse-S shape through the central districts (sestieri) of Venice. Its length is 3.8 km...

[Discover More](#)

Transition link

Libreria Acqua Alta

Libreria Acqua Alta is located in a special corner of Venice, far from the most obsessive tourist flows, but at the same time close to one of the most beautiful churches in Venice, the Church of Santa Maria Formosa. The peculiarity, however, is not where it is located, but rather how Luigi conceived it. Given that when the Acqua alta exceeds 110 cm, on the middle sea enters through the door to th...

[Discover More](#)

Transition link

Ponte di Rialto

The Rialto Bridge (Italian: Ponte di Rialto; Venetian: Ponte de Rialto) is the oldest of the four bridges spanning the Grand Canal in Venice, Italy. Connecting the sestieri (districts) of San Marco and San Polo, it has been rebuilt several times since its first construction as a pontoon bridge in 1173, and is now a significant tourist attraction in the city. The development and importance of the ...

[Discover More](#)

Transition link

Ponte dei Sospiri

The Bridge of Sighs (Italian: Ponte dei Sospiri) is a bridge in Venice, Italy. The enclosed bridge is made of white limestone, has windows with stone bars, passes over the Rio di Palazzo, and connects the New Prison (Prigioni Nuove) to the interrogation rooms in the Doge's Palace. It was designed by Antonio Contino, whose uncle Antonio da Ponte designed the Rialto Bridge, and it was built in 1602...

[Discover More](#)

Transition link

[Back to Itineraries](#)

Group link Landmark

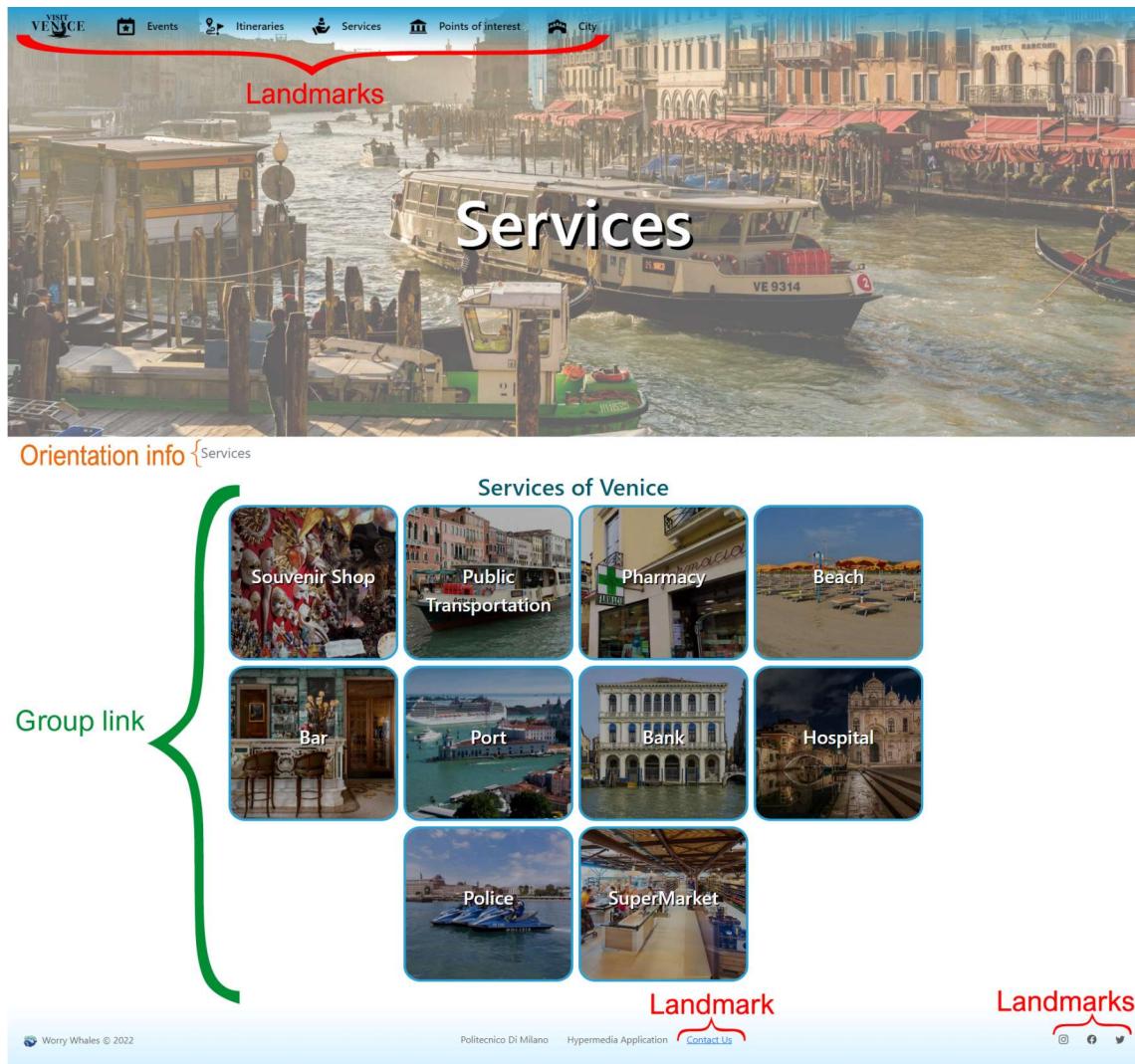
Politecnico Di Milano Hypermedia Application [Contact Us](#)

Landmarks



3.4 Services

On this page, there is a grid showing all the different service types of the city.

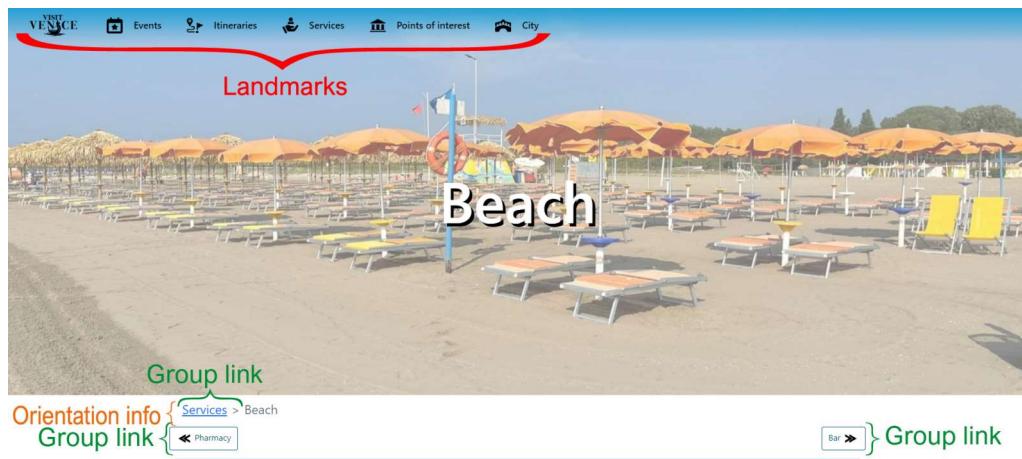


3.4.1 Single Service

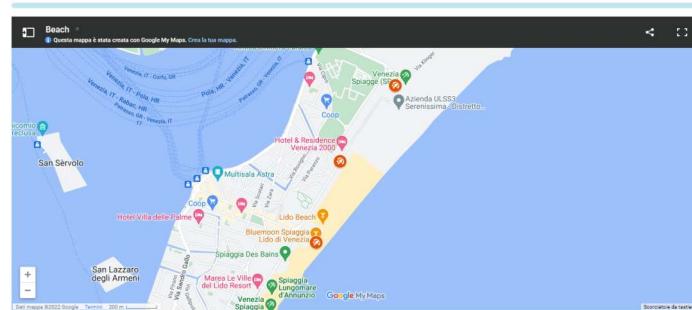
On this page after a brief description of the service type, there is a map that shows where the user can find those services. In the end, a list of those service points is provided with all the necessary contacts.



3 VISUAL DESIGN



Venice has a beautiful beach that protects the lagoon in which to spend the hottest days, cooling off in the Adriatic Sea or sunbathing under the Italian sky. The beach is a key element in the defense of the lagoon so pay attention to how you treat this place.



3.5 Points of Interest

On this page, there is a grid showing all the different points of interest in the city.

The screenshot shows a website for 'VENICE' with a navigation bar at the top. The 'Points of interest' menu item is highlighted with a red arrow and labeled 'Landmarks'. Below the header, the text 'Points of Interest' is displayed over a background image of St. Mark's Square. A green bracket on the left side groups the first four items in the first row, labeled 'Group link'. A red bracket on the right side groups the last two items in the last row, also labeled 'Landmarks'. The grid contains the following landmarks:

Venice's Points of Interest			
Basilica di San Marco	Piazza San Marco	Palazzo Ducale	Canal Grande
Ponte di Rialto	Torre dell'Orologio	Teatro la Fenice	Ca' d'Oro
Murano e Burano	Peggy Guggenheim Collection	Gallerie dell'Accademia	Santa Maria dei Miracoli
Ca' Rezzonico	Isola di Torcello	Lido di Venezia	Museo Storico Navale
La Biennale	Libreria Acqua Alta	Ponte dei Sospiri	Mercati di Rialto

At the bottom, there is footer information: 'Worry Whales © 2022', 'Politecnico Di Milano Hypermedia Application', 'Contact Us', and social media icons.

3.5.1 Single Point of Interest

On this page after a description of the point of interest, there are the necessary contacts and a map that shows where is located. In the end, there are three carousels showing the events that take place in this place, the itineraries this point of interest is involved into, and the last one shows some images of the point of interest.



Landmarks

Group link

Orientation info Points Of Interest > Canal Grande

Group link ← Palazzo Ducale → Ponte di Rialto **Group link**

The Grand Canal (Italian: Canal Grande; Venetian: Canal Grando) is a channel in Venice, Italy. It forms one of the major water-traffic corridors in the city.

One end of the canal leads into the lagoon near the Santa Lucia railway station and the other end leads into the basin of San Marco. In between, it makes a large reverse-S shape through the central districts (sestieri) of Venice: 3.8 km (2.4 mi) long, and 30 to 90 m (98 to 295 ft) wide, with an average depth of 5 metres (16 feet).

The banks of the Grand Canal are lined with more than 170 buildings, most of which date from the 13th to the 18th century, and demonstrate the wealth and art created by the Republic of Venice. The noble Venetian families faced huge expenses to show off their richness in suitable palazzi, this context reveals the citizens pride and the deep bond with the lagoon.

More information

Tickets: Free
Contacts:
Landline phone: +39 041 112943
Mobile phone: +39 3339378218
Email: canalgrande.venezia@turismo.it

Location

It's happening here

Structural link ⇔ **Structural link**

Transition link

Venice Regata Storica
4 September 2022

The Venice Regata Storica traditionally takes place on the first Sunday in September along the most famous and enchanting canal in Venice, the Grand Canal. The Regata Storica is one of the events in Venice with the highest following, a highly enriching happening where every year the participants...

Discover More

Plan your trip

Structural link ⇔ **Structural link**

Transition link

Bridges Lover

Venice, the floating city, one cannot visit Venice without getting lost among its bridges and canals, and discovering all the glimpses that this city can offer. And that is exactly what this section wants to do for you by letting you around the most famous and important bridges and canals that come...

Discover More

Gallery

Structural link ⇔ **Structural link**

Back to Points of Interest

Group link Landmark
Politecnico Di Milano Hypermedia Application Contact Us

Landmarks

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3.6 City

On this page after a brief description there is a map of the city and a link to the history of the city.

The screenshot shows the homepage of the Visit Venice website. At the top, there is a navigation bar with links for Events, Itineraries, Services, Points of interest, and City. A red arrow points from the word "Landmarks" in the navigation bar down to a banner image of the Basilica di Santa Maria della Salute in Venice. The banner also features the word "City". Below the banner, there is an "Orientation info" section with a "City" link. A descriptive text about Venice's unique architecture and history follows. To the right of the text is a map of the Venice lagoon area, labeled "Venice, Metropolitan City of Venice". A location pin indicates "Venice". Below the map is a section titled "History" with a brief summary of Venice's history and a "Discover More" button. To the right of the history section is a painting of a Venetian canal scene. At the bottom of the page, there is a footer with links for "Landmark" and "Landmarks", social media icons, and copyright information for Worry Whales © 2022, Politecnico Di Milano, and Hypermedia Application.

3.6.1 History

On this page there is a concise version of the history of Venice.



3 VISUAL DESIGN

VENICE Events Itineraries Services Points of interest City

Landmarks

History

Group link

Orientation info {City > History}

Structural link {Origin of the city - The new order - Growth of trade and power - Relations with the Byzantine Empire - The commune of Venice - Trade conflicts - The patriciate - Struggle for naval supremacy - Zenith of power - Political and economic decline - Europeans and Turks against Venice - End of the Venetian republic - In unified Italy}

Origin of the city

Uniquely among Italy's chief cities, Venice came into being after the fall of the Roman Empire in the West. The Lombard hordes, whose incursions into northern Italy began in AD 568, drove great numbers of mainlanders onto the islands of the lagoon, previously the homes of itinerant fishermen and salt workers. The isolated communities, literally islands of Veneto-Byzantine civilization, became part of the exarchate of Ravenna when it was created in 584. When the mainland Byzantine city of Oderzo fell to the Lombards in 641, political authority was shifted to one of the islands in the Venetian lagoon.

The first elected doge, or duke, was Orso, chosen in an anti-Byzantine military declaration in 727, but he was succeeded by Byzantine officials until about 751, when the exarchate of Ravenna came to an end. There followed decades of internal political strife among various settlements vying for supremacy and between pro- and anti-Byzantine factions; also involved were attempts by church authorities to acquire temporal influence. Finally the doge Obelerio and his brother Teo formed an alliance with the Franks of Italy and placed Venice under the authority of the Italian king Pippin (died 810) in order to free themselves from Byzantine control.

Pro-Byzantine reaction to this event under the doges of the Partecipaci family led to the transfer of the seat of government to the Rialto group of islands, by then the centre for exiles in the factional fighting. Though a Franco-Byzantine treaty of 814 guaranteed to Venice political and judicial independence from the rule of the Western Empire, it did not confirm any effective dependence on the Byzantine Empire, and by 840-841 the doge was negotiating international agreements in his own name. The unusual legal and political position of the small independent duchy, situated in territorial isolation between two great empires, contributed greatly to its function as a trading intermediary.

A long succession of serious disputes between leading families concerning the office of doge did not halt the rapid development of trade. Increase in private wealth led to the gradual achievement of internal stability by creating a broader ruling class that was capable of putting a limit to the power of the doge. Gradually a national consciousness developed. Beginning in the late 9th century, the doges were chosen by popular election, though the right was frequently abused during times of civil strife. Finally the group of Rialto islands was solemnly transformed into the city of Venice (civitas Venetiarum).

In unified Italy

The subsequent growth of Venice was attendant upon its role in the commercial life of Italy and upon exploitation of its inherent physical and aesthetic attributes. The city had lost a bit of its island character and some of its insular mentality in 1846, when a causeway nearly 2 miles (3 km) in length brought the railway across 222 arches from the mainland. It lost even more in 1932 when a parallel road was built to give access to motor vehicles. Each link was stoutly resisted by persons who wished to leave the city unchanged, and they succeeded in forcing wheeled vehicles to be garaged at the landward edge of the island. Similar battles continue between traditionalists and modernists.

In the political sphere, Venice was run by leftist governments immediately after World War II, and these were replaced by centre-left or centrist administrations for much of the 1950s and 60s. During the events of 1968, there were long occupations by students of the architecture faculty in the city as well as massive strikes by workers at Port Marghera. The 1968 film festival was also the scene of large protests. Later the Socialists ran the city, but their plans for massive development, including a world's fair proposed in the mid-1980s, were blocked by protests over possible damage to the city. Socialist rule was swept away by corruption scandals in the 1990s, allowing the victory of a reformist intellectual mayor, Massimo Cacciari, who attempted to modernize Venice while protecting its immense heritage. Cacciari's seven years in power saw many changes in the administration of the city, but he was unable to secure action on such basic structural problems as population loss and high water.

The 1990s also saw Venice become a symbol of the regionalist politics of the Northern Leagues (Lega Nord), a collection of parties that advocated a federal structure for Italy and greater autonomy in particular for the country's prosperous northern region. Northern regionalism began in Veneto in the early 1980s, and it was in Venice in 1996 that Umberto Bossi, leader of the Northern League, read a so-called declaration of independence of a separate "Padanian" state. Venice thus found itself the capital of the most regionalist of all elected regional governments. In general, however, the city's voters resisted extreme politics, and Venice remained an oasis of centre-left ideology within the Veneto region.

In a broad sense, the entire history of Venice has been that of a struggle to control and utilize the environment, and indeed the most urgent problems confronting the present-day city are environmental. In the second half of the 20th century, the deterioration of ancient buildings and art treasures, which had long been associated with natural phenomena such as flooding and subsidence, was intensified by an atmosphere laden with sulfuric acid, much of it generated by industrial and domestic smoke. As in other cities in which monuments and works of art stand exposed, air pollution corroded and defaced many priceless examples of stonework from the Venetian past. Severely damaging storms and floods in November 1966 stimulated increased efforts to rescue the historic city from environmental destruction, yet flood-control projects (big and small) have been blocked through a combination of inefficiency, corruption, and overprotection of Venice through special laws and ecological politics. Venice has always been a city of production, from the invention of mass boat and ship construction in the Arsenal to the industrialization of Port Marghera. If the campaign for preservation fails, there seems little that can be done to arrest the city's decline—unless the battle is won by those who adore this most sublime of all cities.

Landmark

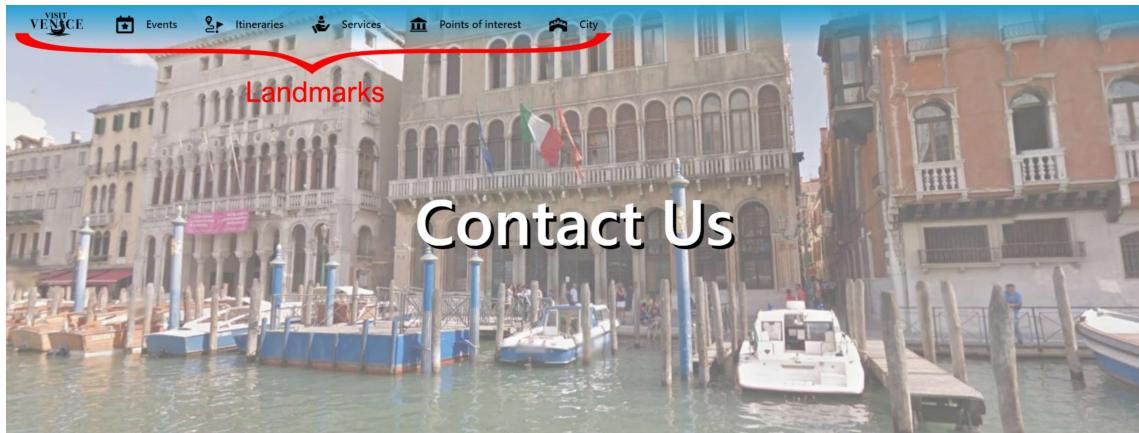
Landmarks

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3.7 Contact Us

On this space there is a brief description and the contacts of the company responsible for tourist information of the town of Venice.





Orientation info { Contact Us

Vela Spa

Vela Spa is the company responsible for tourist information of the town of Venice since February 1st 2016. Feel free to contact us for further information.

How to reach us

Opening hours:

07:30 - 19:00

Contacts:



landline phone: +39 041 2424



mail: info@veneziaunica.it

Landmark

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Landmarks



4 Interaction Scenarios

Use case scenarios exemplify how a typical user is going to use the application. An interaction scenario is a “story of use”; it describes a flow of user interactions across the website for users of a given profile having a specific goal. An interaction scenario is described by a short textual narrative (describing the user’s profile, goal, and main tasks to achieve this goal) and a sequence of (miniaturized) “screenshots” for the pages that the user traverses to execute the tasks described in the narrative.

4.1 Use Case 1

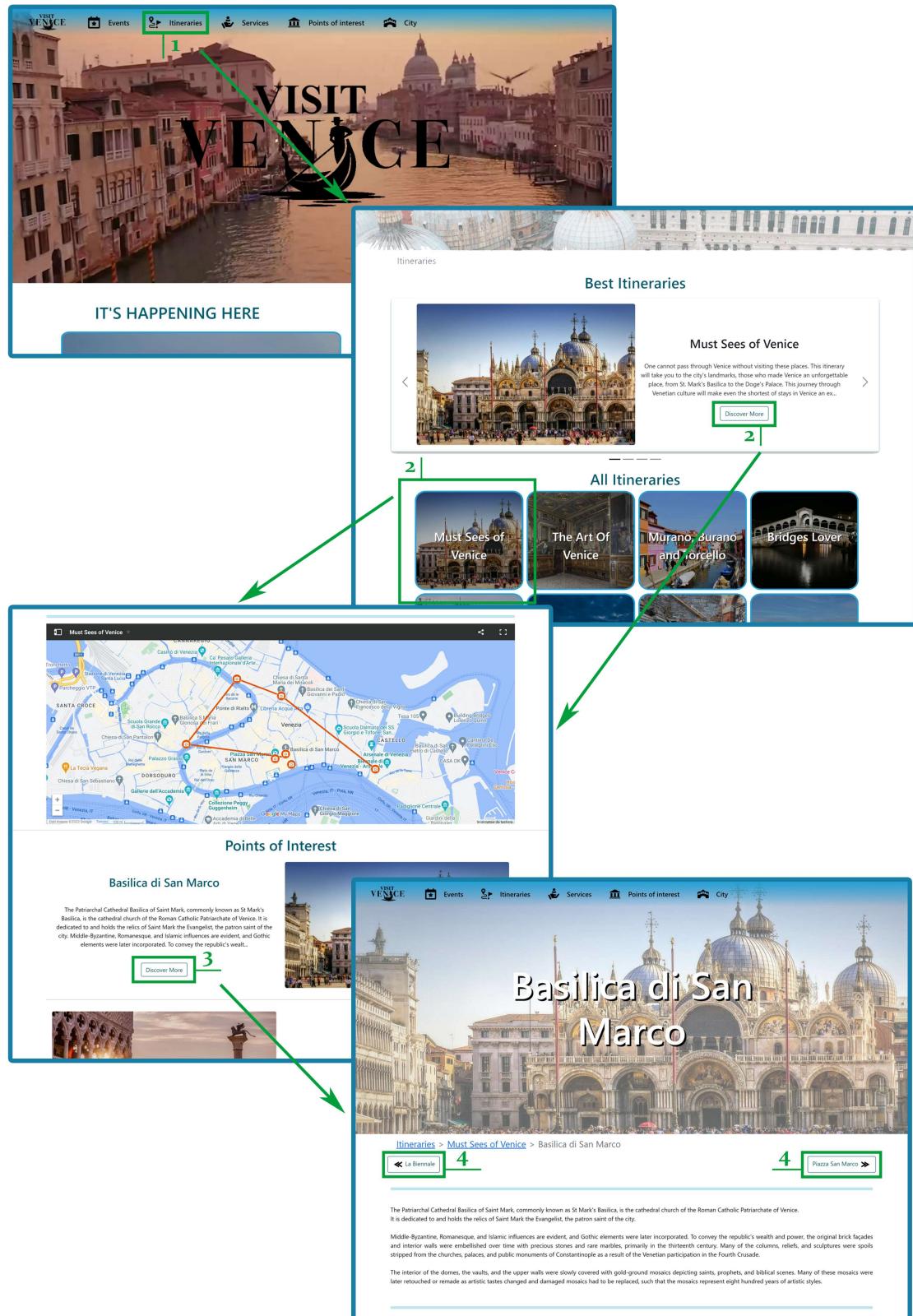
4.1.1 Textual narrative

A tourist wants to plan a trip to Venice that allows her to visit most of the city in the shortest possible time. She will use the website from her laptop In order to achieve her goal she will complete these tasks:

1. She clicks on "Itineraries" to see if there is a pre-planned itinerary that fits her plans.
2. She finds the "Must See of Venice" which seems exactly what she wants.
3. She sees the itinerary on the maps and decides to analyse the various points of interest.
4. She uses the group links to navigate between them.



4.1.2 Interaction flow



4.2 Use Case 2

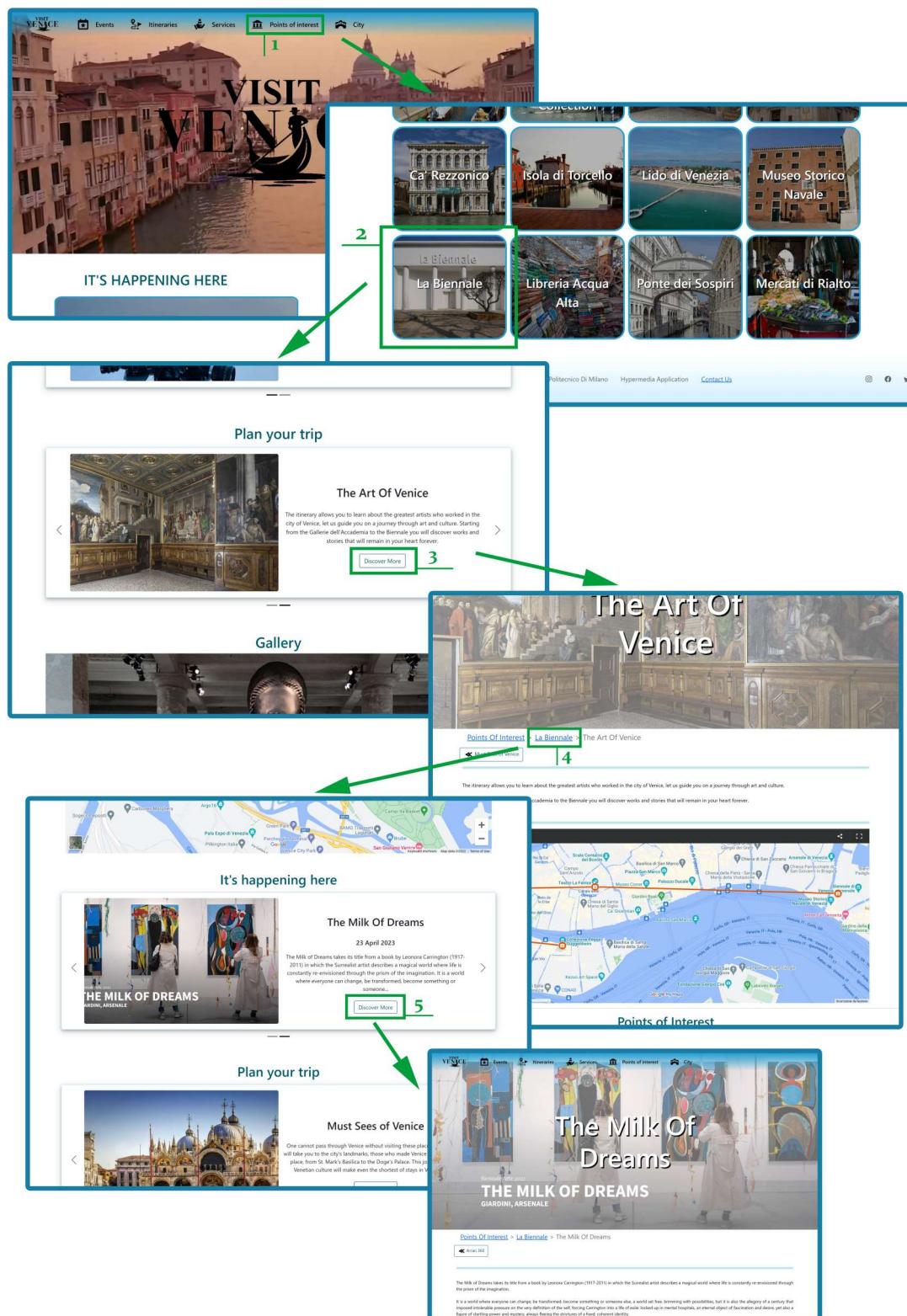
4.2.1 Textual narrative

An art teacher needs to plan an educative trip to Venice for his class, the goal of the school trip is to visit the most important art centres of Venice mainly "La Biennale" and attend an art event. He will use the site from a school desktop computer. In order to achieve his goal he will complete these tasks:

1. He first checks the "Point of Interest" section to find "La Biennale".
2. He immediately finds that "La Biennale" is involved in "The Art of Venice" itinerary which is exactly what he needs.
3. He fastly checks the various points of interest that are involved in the itinerary.
4. He comes back to the page of "La Biennale" to search for an event that will take place there.
5. He checks both events and concludes that "The Milk of Dreams" is the most suitable for the trip.



4.2.2 Interaction flow



4.3 Use Case 3

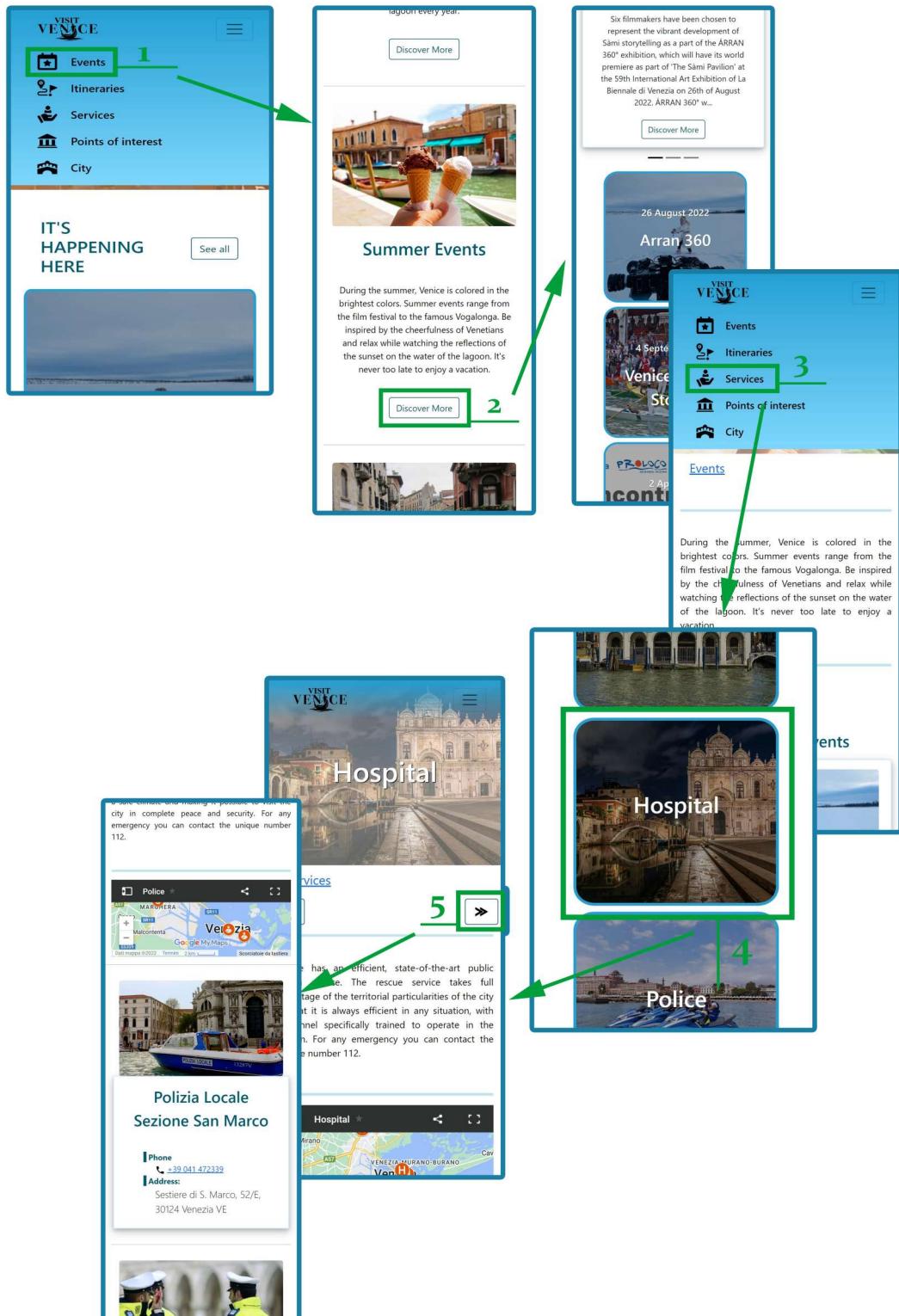
4.3.1 Textual narrative

An event organiser wants to set up an event for his client in Venice, he needs to find a period in which there are no other events in the city and the services that the city offer for the safety of the event. He will check the website from his smartphone. In order to achieve his goal he will complete these tasks:

1. He checks the events page and goes into the summer section.
2. He sees that there is no event for the month of July which is perfect.
3. He clicks on "Services" to find what services he can use to organize a better event.
4. He clicks on "Hospital" so he can organize a fleet of ambulances.
5. He goes to the police page to organize the security of the event.



4.3.2 Interaction flow



5 Database Design

This chapter provides details of the database design for the website to be implemented through an ER-diagram.

5.1 Entity-Relationship Diagram

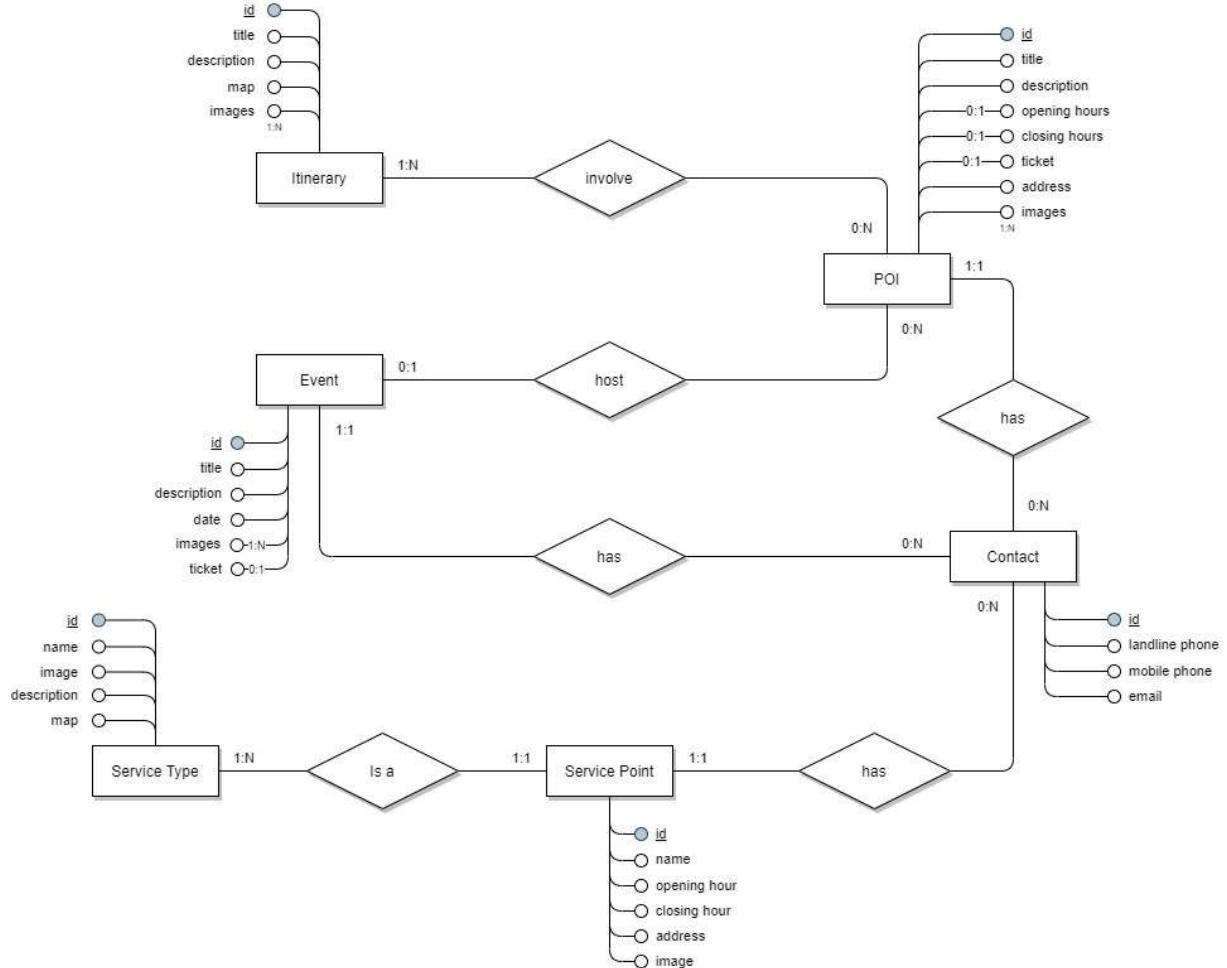


Figure 1: Entity-Relationship Diagram

