

# Design Document

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WEBSITE

<https://polimi-hyp-2019-10412442.herokuapp.com>

## Index

1.	Abstract	3
2.	Graphical representations	
2.1.	Introduction	3
2.2.	C-IDM Schema	3
2.3.	L-IDM Schema	4
3.	Interaction Scenarios	
3.1.	Introduction	4
3.2.	Scenario 1	5
3.3.	Scenario 2	6
4.	Design in the small	
4.1.	Introduction	7
4.2.	Homepage	7
4.3.	Festival presentation	8
4.4.	Reservation	9
4.5.	Contact us	9
4.6.	Calendar	10
4.7.	All Performers	11
4.8.	Events by Type	12
4.9.	Registration	13
4.10.	Login	13
4.11.	Artistic Event	14
4.12.	Performer	15
4.13.	Seminar	16
4.14.	Cart	17
5.	DB Design	
5.1.	Introduction	18
5.2.	E-R diagram and Relational Tables	18

# Chapter 1

## Abstract

The purpose of this document is to present the development of the project assigned during the Hypermedia Applications course. The project consists in the development of a website for a summer festival of contemporary performing arts, which contents are about artistic events (music/theatre/opera/dance performances), their performers (single artists, music ensembles, dance or theatre companies) and public seminars that introduce or discuss specific events.

# Chapter 2

## Graphical representations

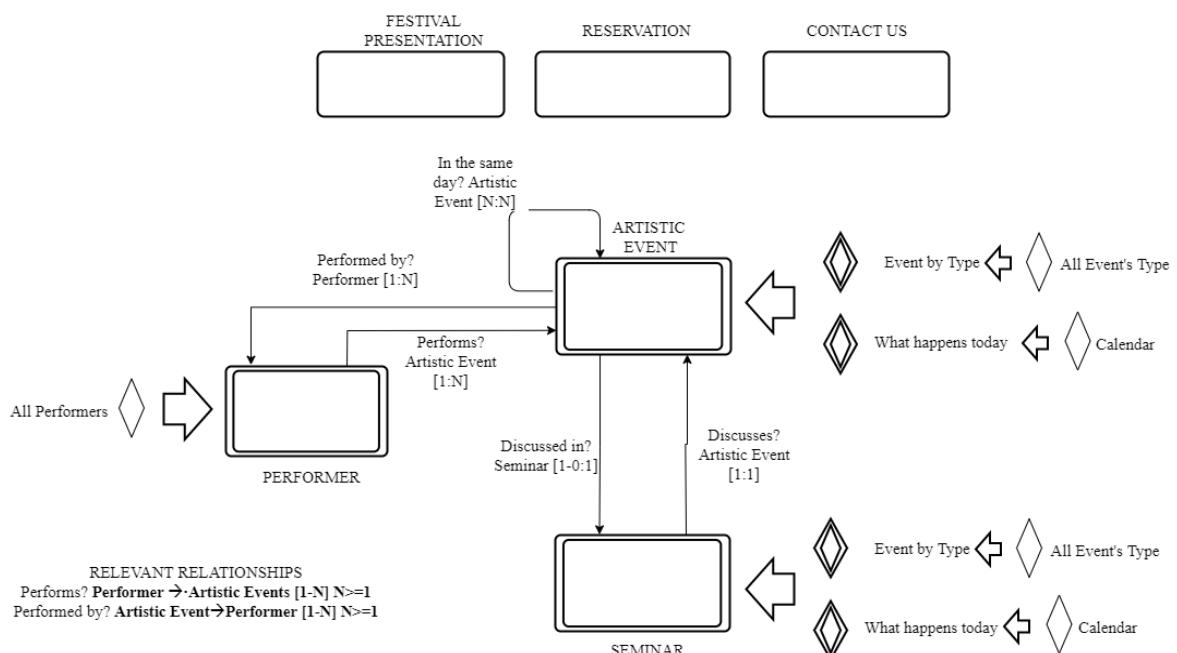
### 2.1 Introduction

This chapter presents the IDM diagrams that have the task of defining the ideal model of the website. In particular, the ones presented are the C-IDM and L-IDM diagrams, which deal respectively with the Content and Logic model.

The development of the diagrams was carried out according to a progressive updating of the files during the development of the website itself, to guarantee the effective coherence between design and implementation.

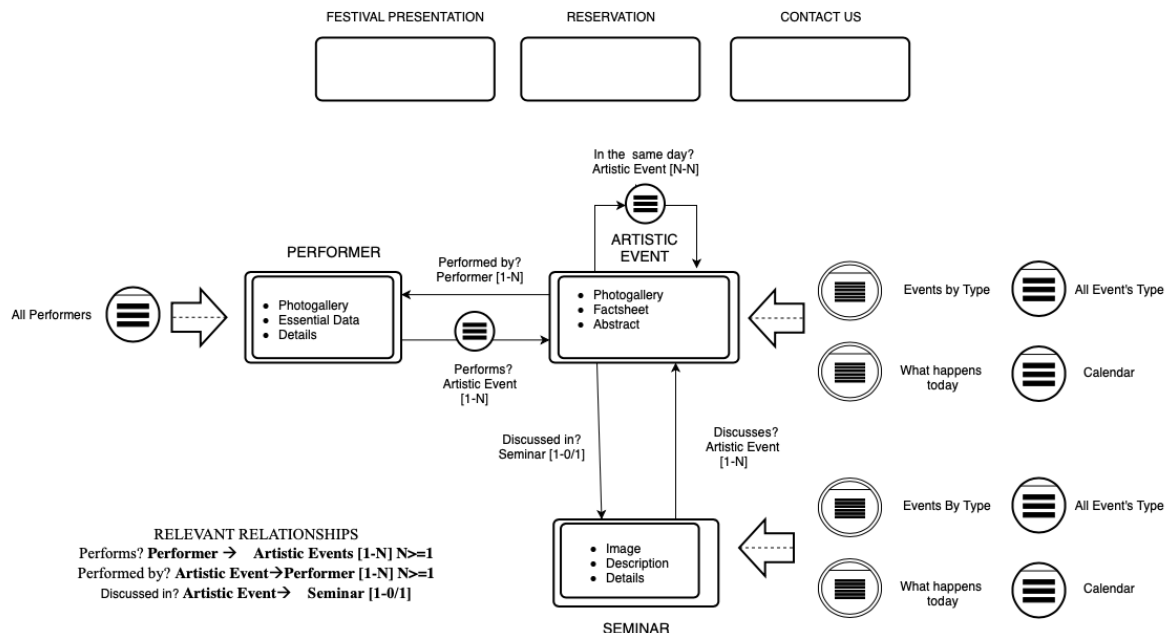
The tool used for the realization of the diagrams is draw.io, an online platform where it is possible to create various types of diagrams and collaborate in real time with other users on the same file. Unfortunately, the platform does not natively support the graphic notations used in the diagrams, so it was necessary to adapt the tools to our purpose.

### 2.2 C-IDM Schema



In this scheme all the Topics, Kind of Topic, Group of Topic and Multiple Groups of Topic related to the specifics have been introduced, including the Relevant Relations and the cardinality required.

## 2.3 L-IDM schema



In the transition from conceptual to logical schema, Dialogue Acts related to Topics and Kind of Topic and the Introductory Dialogue Acts corresponding to the Group of Topic and Multiple Groups of Topic presented in the C-IDM were added.

## Chapter 3

### Interaction Scenarios

#### 3.1 Introduction

This chapter presents two usage scenarios, thus showing a possible use of the site.

Each individual scenario is presented with a brief textual description accompanied by sequences of commented miniaturized screenshots, which highlight the user's logical path while trying to complete the scenario.

Graphically, actions undertaken by the user within the single page are indicated by a red circle.

In this section the screenshots do not represent the complete page, but focus only on the part of the same relevant to the action to be performed because of the size of the screenshots.

The complete screens for each page of the site are however present in the "Design-in-the-small" chapter.

Since this document has already been completed previously, there is a possibility that this document may be slightly different from the final website. These changes do not affect the structure but simply the aesthetic side (css and footer).

## 3.2 Scenario 1

Mr Carlo Forte saw a TV commercial about a summer festival and was very impressed by the artist Franz Hautzinger. Curious, he would like to know more about the performer's resume and decides to browse the Transart website and investigate.

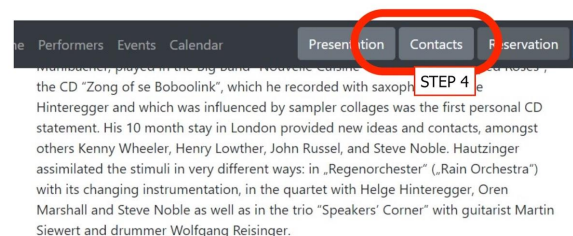
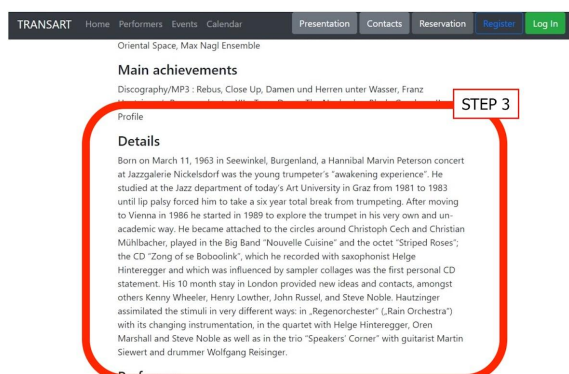
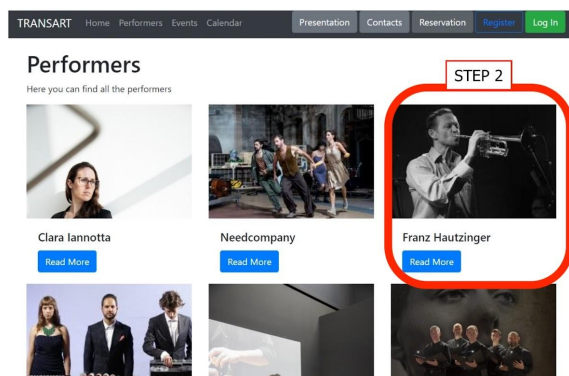
Once opened the homepage, Carlo Forte easily identifies the Navbars button and clicks on the Performers section (STEP 1).

The new loaded page displays the list of performers in the "Performers" section and Mr. Forte clicks on "Read More" (STEP 2).

From the page dedicated to the performer, Mr. Forte sees a reading of the information available about the performer in the section "Details" (see STEP 3).

Mr. Forte then decides he wants to have more information for the event and clicks on "Contact" (STEP 4).

From the Contact Us page, Mr Forte fills in all fields and clicks on Submit. (STEP\_5)



Performs:



ALL THE GOOD

[Read More](#)



Contact Us

Do you have some questions?

Did you encounter any difficulties during the online purchasing process? To request information about orders placed on internet channels and ticket collection, please contact us using the form below. We will respond to your request within 24 hours!

STEP 5

Name: CARLO FORTE Email: CARLO@FORTE.IT

Phone: +30 12345678

Message: Can I have more information about the artist Franz Hautzinger and how to buy a ticket for the festival?

Thanks, Carlo Forte

☒ I agree to be contacted in response to my message

[Submit](#)

### 3.3 Scenario 2

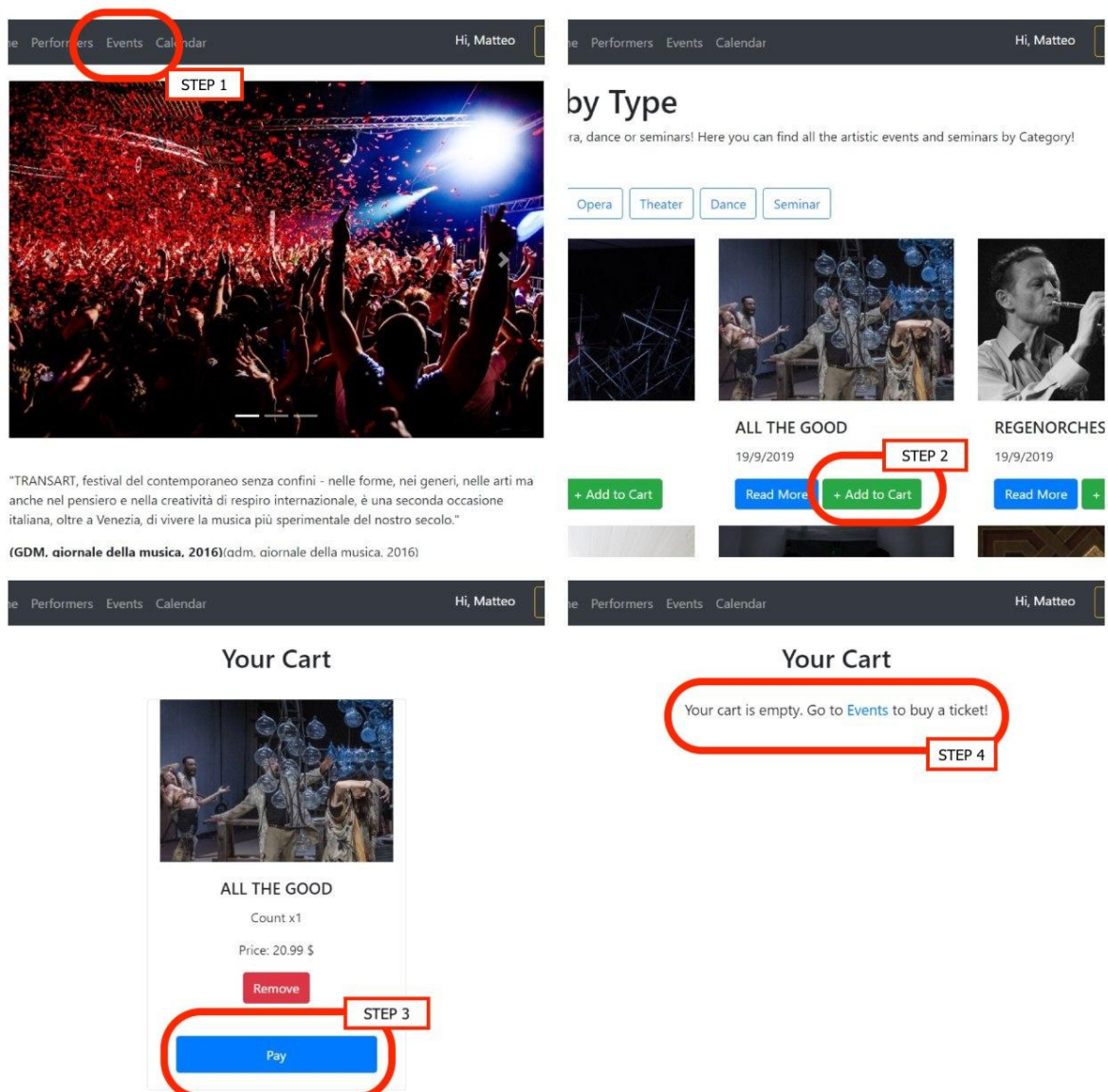
Mr Matteo Berrini would like to buy a ticket for the show "ALL THE GOOD". He is already registered on the site, as you can see in the right corner.

Mr. Berrini click on the Events section of the navbar (STEP 1)

Through the shortcut created especially for logged in users, click directly on the "Add to Cart" button (STEP 2).

Since Mr. Berrini is already logged in, the shopping cart page opens directly, with the ticket and all the details for the purchase.

Once checked again, Mr. Berrini confirms the purchase by clicking on the "Pay" button (STEP 3). At this point the shopping cart is empty and the user has completed the order correctly. (STEP 4)





## Chapter 4

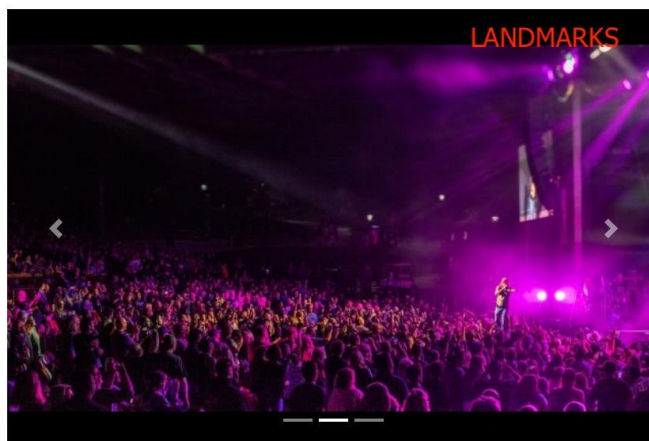
### Design-in-the-small

#### 4.1 Introduction

In this chapter we present the prototype of the web application, with the aim of highlighting the design choices made for the single pages.

Each page is represented a commented screenshot (equivalent to a prototype with high fidelity to the finished product).

#### 4.2 Homepage



"TRANSART, festival del contemporaneo senza confini - nelle forme, nei generi, nelle arti ma anche nel pensiero e nella creatività di respiro internazionale, è una seconda occasione italiana, oltre a Venezia, di vivere la musica più sperimentale del nostro secolo."

(GDM, **giornale della musica**, 2016)(gdm, giornale della musica, 2016)

"Transart, un festival dalle molte voci."

(avvenire, 2016)

Un festival interamente dedicato alla contemporaneità, all'artista di oggi."

(operalibera)

#### WELCOME

FESTIVAL TRANSART is one of the most important multidisciplinary festivals for contemporary culture in Italy. Appreciated all over Europe, Transart accompanies the audience in a new and exciting discovery of the most innovative projects of international contemporary culture.

TRANSART takes place in September each year. We organize and promote various kinds of events across the area of Milan: music, dances, theatrical entertainment and seminars. This website provides you with all the information about each event, the artists involved and how to get tickets.

#### SOME NAMES

Through the years TRANSART has worked with, among others, Marina Abramović, Nils Frahm, Laurie Anderson, Blixa Bargeld, Omar Souleyman, Matthew Barney, Jon Hopkins, Beat Furrer, Klangforum Wien, Matthew Johnson, Moataz Nasr, Sonic Youth, Quiet Ensemble, Teho Teardo, Tokyo Contemporary Dance, Roman Signer, Tomoko Mukayama. Furthermore collaborations where made with festivals such as MUTEK Montreal, Maerz Musik Berlin, Club To Club Festival, Klangspuren Schwaz, Elevate Festival...

## 4.3 Festival presentation

### Festival Presentation

#### LANDMARKS

#### History of the Performing Arts festival

The Milan Festival of Performing Arts at Ippodromo of San Siro was born on August 10, 1913, with the first performance of Aida by the Milanese tenor Giovanni Zenatello and the theatre impresario Ottone Rovato to commemorate the centenary of the birth of Giuseppe Verdi. For over a hundred years (except for two short interruptions during the great wars) every summer the Milan Festival has become the largest open-air opera house in the world.

The current organizational structure is the result of the reform enshrined in Decree Law No. 134 of 1998 and Decree Law 134 of 1998, which transformed the opera houses into private law foundations, thus creating the current Ippodromo of San Siro Foundation, and sanctioned the possibility of entry for private members. The current founding members of the Foundation are the Italian State, the Lombardia Region, the Municipality of Milan, the Province of Milan and the Chamber of Commerce, Industry, Crafts and Agriculture of Milan. In the past it was the CariMilan Foundation, the Banca Popolare di Milan and the Accademia Filarmonica di Milan.

#### The numbers of the Ippodromo of San Siro

1989 years of life since construction in 30 AD between the reign of Augustus and the reign of Claudius, the largest Roman amphitheater still in use with 97 Opera Seasons, 106 years from the first season, 30.000 actual seats, 31 meters high, oval of 140 X 100 meters; an average of 1263 people at work per season, including 80 singers, 160 orchestral professors, 158 choir artists, 32 minor choir artists, 15 assistant teachers, 54 dancers, 30 mimes and acrobats, 200 extras, 25 children's extras, 5 for stage management staff, 4 assistant directors, 70 stage technicians, 22 electricians, 60 tailors and dressmakers, 4 people in the Costumes Department, 23 make-up artists and hairdressers, 48 stage designers, 10 maintenance technicians, 12 instrument holders, 143 room masks, 48 backstage masks, 60 administrative employees. In season 4500 costumes, 325 hours of make-up. On average, 50 shows per season with over 400,000 paying spectators.

#### Sponsor

The contribution of private sponsors is a valuable support to preserve and enhance the Ippodromo Opera Festival, an important and recognized part of the Italian artistic and cultural heritage throughout the world. Fondazione Ippodromo di Milano offers companies the opportunity to associate their image with a prestigious cultural context, unique in its kind. The opportunities for visibility range from the association of brands, to qualified moments of joint promotion, to public relations activities and high profile customer care during the evenings of the Opera Festival. For further information, please contact [commerciale@provaXXXMilano.it](mailto:commerciale@provaXXXMilano.it)



## 4.4 Reservation

### LANDMARKS

#### Information about Reservations

##### How to make a reservation

To book an event, you must register on our website. Within the site, you can select the artistic events through a chosen date or through the categories music, theater, opera and dance.

Once you register, then search for your chosen event. Each event has the following information: event name, place, start date and time, event details and a "book now" button. To continue, click the button. At this point you can choose between the two purchase options if both are activated:

In the shopping cart you can access the Shopping Cart section where you can find the product you are purchasing and from which you can perform other operations. To continue select the shipping option, log on to the site if you are already registered or proceed to a registration

Please check that all data entered is correct: your name and address, delivery address and your account or credit card details. You will be shown all the details of your order, after which you can send it to us by clicking on "Payment". Your order will be sent to us, the tickets will be booked in a binding manner and you will receive a purchase confirmation with your order number directly to the e-mail address provided.

Your order number must be indicated if you are making enquiries to the Customer Service.

Please note that without a receipt of payment, you will not be able to access the events.

In addition, it will not be necessary to book public seminars, as they are kindly offered by our sponsors.

##### How to buy a ticket

Buy tickets for a performance of the Transart Festival directly online in total comfort and safety. To proceed with the purchase, however, register indicating the username and password that you will also use for subsequent purchases. Once you have chosen the show, check if you are entitled to any discounts and proceed with the selection of seats. Complete your purchase by entering your Visa (excluding Electron), MasterCard, American Express or Diners credit card details. At the end of the process you will receive at the address indicated during registration, an email with the confirmation of the charge by UniCredit Bank and the confirmation of purchase, called Print at Home, by Geticket Customer Service do\_not\_reply@getXXXticket.it. If you do not request the shipment of tickets, the Print at Home is the valid access ticket for the show. Alternatively, you can request the shipment of tickets by express courier for a fee\* up to 10 working days before the chosen show.

## 4.5 Contact us

### LANDMARKS

#### Contact Us

##### Do you have some questions?

Did you encounter any difficulties during the online purchasing process? To request information about orders placed on internet channels and ticket collection, please contact us using the form below. We will respond to your request within 24 hours!

Name	Email
<input type="text" value="Name"/>	<input type="text" value="Email"/>
Phone	
<input type="text" value="Format: 123 4567890, max 10 numbers"/>	
Message	
<input type="text" value="Insert text here..."/>	
<input type="checkbox"/> I agree to be contacted in response to my message	
<input type="button" value="Submit"/>	

## 4.6 Calendar

### Calendar

#### LANDMARKS

Do you already have plans for this summer? Check the dates of our events and book! Places are limited

Day: 10/9/2019

 GROUP LINK FOR AN ARTISTIC EVENT

#### Artistic Events

 GROUP LINK FOR A SEMINAR

 SKULL ARK

#### Seminars

 A DIVE INTO THE SEA THAT CHANGES

MI FAI VOLARE

Day: 11/9/2019

#### Seminars

 HOPE: THE BIRTH OF EUROPE

Day: 19/9/2019

#### Artistic Events

 ALL THE GOOD

REGENORCHESTER XII

#### Seminars

 THE NEW LANGUAGE OF THE CIRCUS

Day: 24/9/2019

#### Artistic Events

 HUMANS

Day: 25/9/2019

#### Artistic Events

 SANTA GIOVANNA D'ARCO

#### Seminars

 LA PASSION DE JEANNE D'ARC

Day: 26/9/2019

#### Artistic Events

 THE BEST OF GIANNI MORANDI

INAUDITO

POLAR FORCE

## 4.7 All Performers

### Performers

Here you can find all the performers

### LANDMARKS



Clara Iannotta

[Read More](#)



Needcompany

[Read More](#)



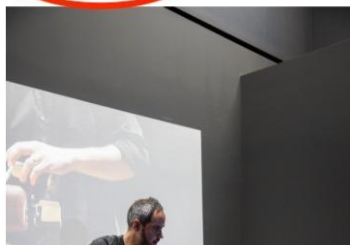
Franz Hautzinger

[Read More](#)



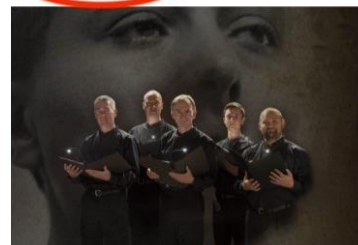
Speak Percussion

[Read More](#)



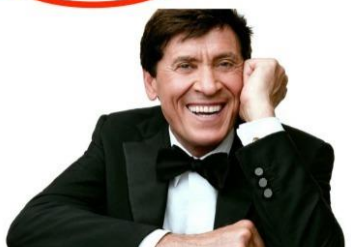
Studio Dan

[Read More](#)



Orlando Consort

[Read More](#)



Gianni Morandi

[Read More](#)



GROUP LINK FOR A PERFORMER

## 4.8 Events by Type

TRANSART

Performers

Events

Calendar

Presentation

Contacts

Reservation

Register

Log In

### Events by Type

Music, theater, opera, dance or seminars! Here you can find all the artistic events and seminars by Category!

Filter **STRUCTURAL LINKS TO OTHER TYPE**

All


Music

Opera


Theater

Dance


Seminar




SKULL ARK  
10/9/2019  
[Read More](#)




ALL THE GOOD  
10/9/2019  
[Read More](#)




REGENORCHESTER XII  
10/9/2019  
[Read More](#)




INAUDITO  
30/9/2019  
[Read More](#)




POLAR FORCE  
30/9/2019  
[Read More](#)




SANTA GIOVANNA D'ARCO  
25/9/2019  
[Read More](#)




HUMANS  
24/9/2019  
[Read More](#)




THE BEST OF GIANNI MORANDI  
20/9/2019  
[Read More](#)




A DIVE INTO THE SEA THAT CHANGES  
10/9/2019  
[Read More](#)




HOPE: THE BIRTH OF EUROPE  
14/9/2019  
[Read More](#)




THE NEW LANGUAGE OF THE CIRCUS  
16/9/2019  
[Read More](#)




LA PASSION DE JEANNE D'ARC  
30/9/2019  
[Read More](#)



MI FAI VOLARE  
10/9/2019  
[Read More](#)



GROUP LINK FOR AN ARTISTIC EVENT



GROUP LINK FOR A SEMINAR



## 4.9 Registration

### LANDMARKS

## Register

Email

matteo@gmail.com

Name

Name

Password

.....

Register

If you already have an account: [LOGIN](#)

## 4.9 Login

### LANDMARKS

## Login

Email

matteo@gmail.com

Password

.....

Login

If you don't have an account: [REGISTER NOW](#)

## 4.11 Artistic Event

TRANSART

Performers

Events

Calendar

Presentation

Contacts


Reservation

Register

Log In

THE BEST OF GIANNI MORANDI

LANDMARKS



Date

26/9/2019

Price

12.99\$

+ Add to Cart

CONTENT FROM CONTENT  
DIALOGUE ACT


Abstract

On the stage of his city to tell each other between music, memories and new emotions. PLAYING AT HOME TONIGHT! A LIFE of SONGS. This is the title of GIANNI MORANDI's new artistic project: a single stage, the embrace of his audience with whom to share memories, emotions and above all great music. Gianni will sing the songs that have conquered entire generations, but will also tell the most important moments of his life, anecdotes, meetings, challenges and dreams. The artist, who has to his credit 53 million records sold, 4, 217 concerts in Italy and 426 abroad, and who, in 2017, recorded his fortieth album titled "D'amore d'autore", has chosen the stage of the TRANSART festival for a personal and special tribute to the vast audience that follows him and has always loved him. "We are honored that Gianni Morandi has chosen the TRANSART festival for such a heartfelt and desired project - explained Walter Mramor - and we are working together with him to create a unique and special event to celebrate a dazzling career, full of enormous successes. An intimate dimension in which the great artist will be able to open up to his audience and tell his story with the frankness and humanity that distinguish him. The historic stage is ready to welcome him, as if within the walls of his home

Factsheet

MorandiMania Fan Club members (2019 members) who wish to do so, can, as of now, while stocks last, book and then purchase tickets for the 2019 live shows.

Performed by:



Gianni Morandi

Read More

TRANSITIONAL LINK TO THE PERFORMER

Discussed in:

MI FAI VOLARE

TRANSITIONAL LINK TO THE SEMINAR

In the same day:

NAUDITOPOLAR FORCE

LINK TO OTHER ARTISTIC  
EVENTS IN THE SAME DATE

Jessica Corrias - 914377

14



## 4.12 Performer

TRANSART

Performers

Events

Calendar

Presentation

Contacts


Reservation

Register

Log In

Gianni Morandi

LANDMARKS



Current affiliation

Cantante solista - Collaborazioni con Jax e Rovazzi


Main achievements

Premio Regia Televisiva nella categoria Top Ten con C'era un ragazzo(1999) - Premio Lunezia per l'Album "Grazie a tutti"(2010) - Premio Regia Televisiva nella categoria Top Ten con Grazie a tutti(2010) - Premio Regia Televisiva nella categoria Top Ten con Festival di Sanremo (2014) - Premio Regia Televisiva nella categoria Evento tv dell'anno con Gianni Morandi - Live in Arena

Details

Gianni Morandi, registered as Gian Luigi Morandi (Monghidoro, 11 December 1944), is an Italian singer, actor and TV presenter. Occasionally he has also been singer-songwriter and composer for other artists.He is considered one of the cornerstones of Italian light music, with over 50 million records sold worldwide.He was also honorary president of Bologna F.C.from 2010 to 2014. He conducted the Italian Song Festival for two editions: 2011 and 2012.

Performs:



THE BEST OF GIANNI MORANDI

Read More

TRANSITIONAL LINK TO THE ARTISTIC EVENT

## 4.13 Seminar

### A DIVE INTO THE SEA THAT CHANGES

LANDMARKS



#### Date

10/9/2019

#### Location

Auditorium 2

CONTENT FROM CONTENT  
DIALOGUE ACT

#### Abstract

The theme of climate change, one of the most topical and urgent research topics for marine biologists and ecologists, represents one of the most serious challenges in the field of scientific knowledge, in particular for the implications on the future of humanity. This fundamental issue will be the focus of the public seminar coordinated and promoted by the experts of the Zoological Station Anton Dohrn "A dive into the changing sea. The popular-scientific event is organized as an introduction to the artistic event "SKULL ARK" by Clara Iannotta. The event will aim to illustrate the uniqueness of the sea of the Green Island and the marine protected area that surrounds it, aiming at the study of its areas most affected by climate change and, consequently, the marine ecosystem. During the event will be open to the public a photographic exhibition dedicated to the emission systems present in Ischia, created by Pasquale Vassallo.

#### Discusses:



ALL THE GOOD

[Read More](#)





INAUDITO

[Read More](#)

TRANSITIONAL LINK TO ARTISTIC EVENT

## 4.14 Cart

### Your Cart

	
<b>ALL THE GOOD</b>	<b>SKULL ARK</b>
Count x1	Count x1
Price: 20.99 \$	Price: 12.99 \$
<a href="#">Remove</a>	<a href="#">Remove</a>
<a href="#">Pay</a>	<a href="#">Pay</a>

## Chapter 5

### DB Design

#### 5.1 Introduction

Below in this page there is the database project that accompanies the product. For extensibility and simplicity of client-side implementation, in addition to the obvious information on artistic events, seminars and performers.

Furthermore, the indications provided in the project specification were taken into account only in the design, so pages like "Contact us", "Festival Presentation" and "Event Reservation" do not have content in the database, as they had not been requested in this project.

#### 5.2 E-R diagram and relational tables

This section shows the Entity-Relations diagram with relational tables of the database of the main pages. Each table is described in detail, in order to highlight the attributes, primary and foreign keys, cardinalities and relationships between the various tables.

