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Computer Science and Engineering
Hypermedia Applications

Design Document

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Our website: <https://wild-care.herokuapp.com/index.html>

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1 Abstract

This document provides basic information on developing a voluntary association website providing all necessary information about services, events and people . IDM models (interactive dialogue model) define which are the main concept of the website (C-IDM), also providing a logical description of them (L-IDM) and pages structures (P-IDM). Furthermore the document contains some scenarios to better understand the main idea behind the navigation and the contents provided by the website. Then the document shows the design in small of our website and how it will look like after the development. The last section has the aim to show the Entity Relationship diagram and a Logical Design schema to describe the structure of the database.

2 Graphical Representation

2.1 C-IDM

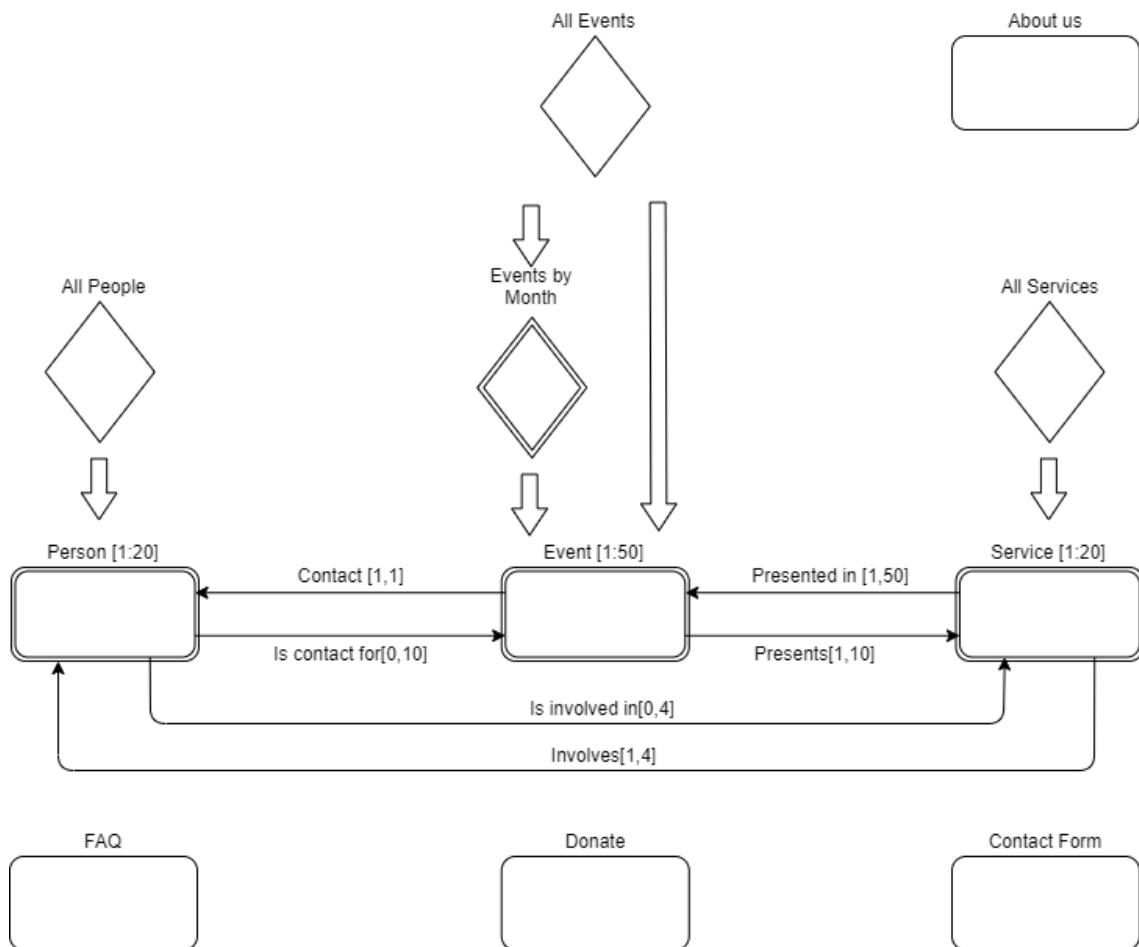


Figure 1: Content Interactive Dialogue Model

2.2 L-IDM

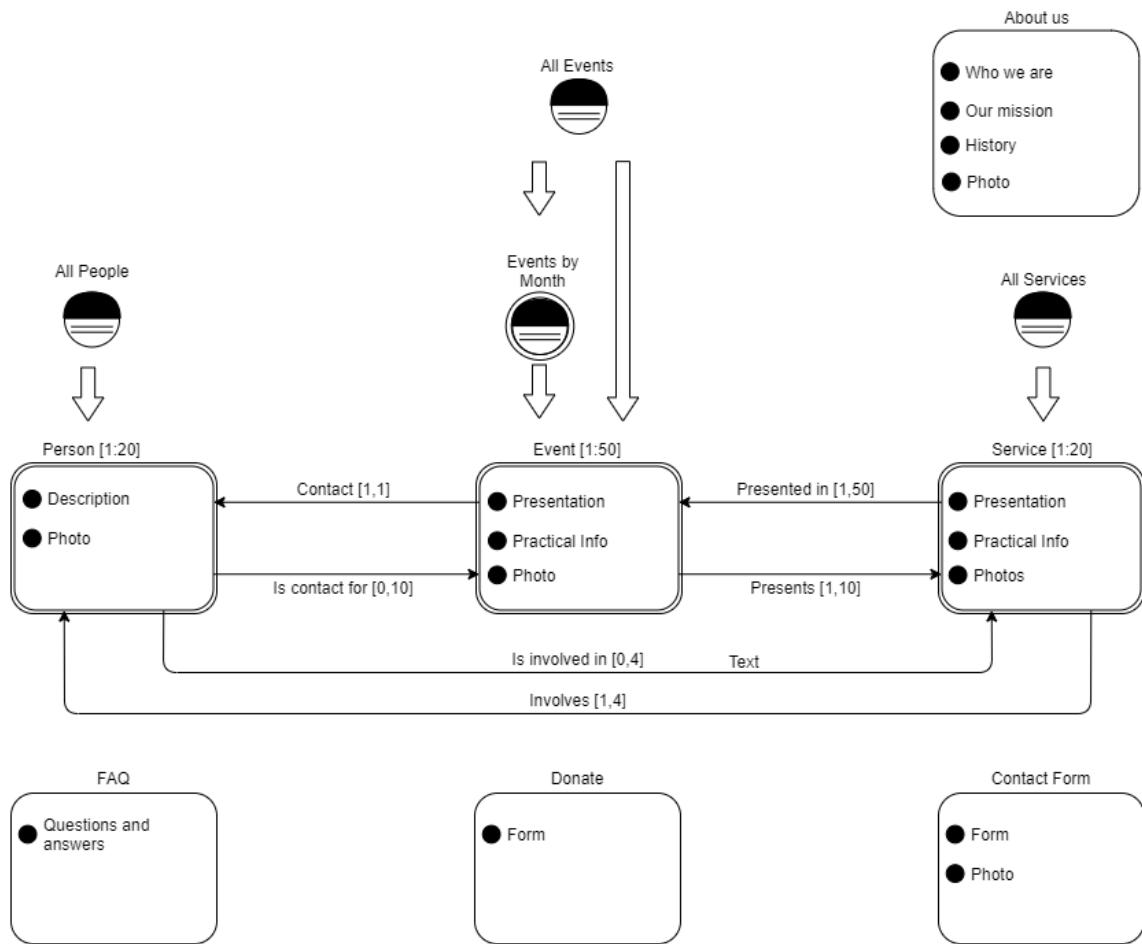


Figure 2: Logical Interactive Dialogue Model

2.3 P-IDM

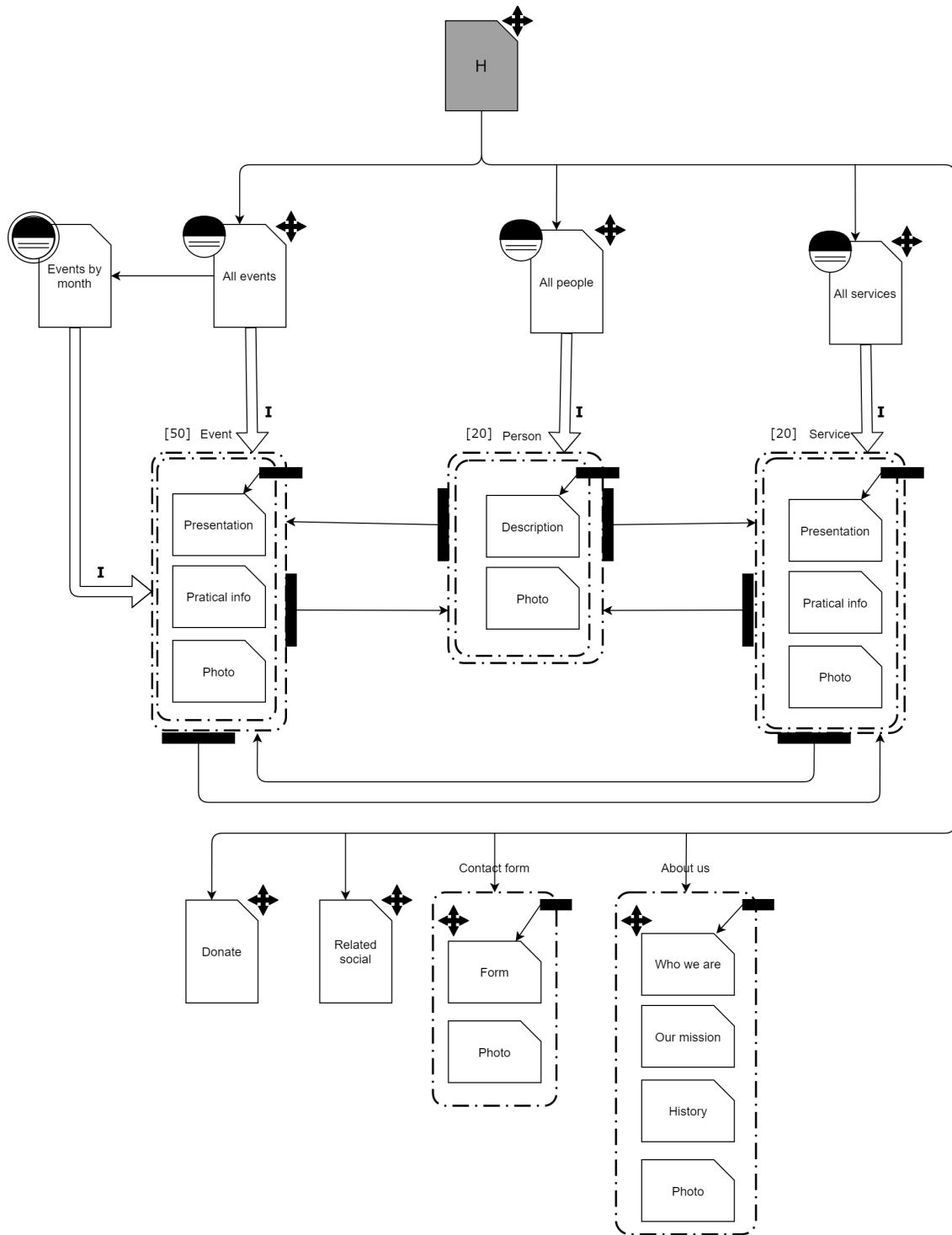


Figure 3: Page Interactive Dialogue Model

3 Scenarios

3.1 Case 1

An elementary school teacher that lives in Sondrio has always loved mountain fauna. One day she decides to bring her students in a trip to show them the beauty of those creatures, so she connects to the website.

First she learns some basics about the association, then she proceeds to search for an interesting event during the current month that presents several services involving different animals. When she finds the best event for what she is looking for, she contacts the volunteer responsible for that event to reserve a place for her class.

The screenshot shows the homepage of the Wild Care website. At the top, there is a navigation bar with links: 'About Us' (which is highlighted with a red box), 'Events', 'All Services', and 'All People'. Below the navigation bar is a large banner image of a mountainous landscape with a ski lift. A black bar across the image contains the text 'Our view of the mountains'. Underneath the banner, the heading 'Events of this month' is displayed, followed by the subtext 'Try out our events of may!'. Three event thumbnails are shown: 'Owls Day' (a person holding an owl), 'Rescue Ibex from Extinction' (an ibex in a snowy mountain setting), and 'Feeding the goats' (a person holding a goat). In the middle section, the heading 'Our Services' is shown, with the subtext 'Discover the services offered by our volunteers'. Five service thumbnails are displayed: 'Feeding owls' (a person feeding an owl), 'Freeing owls' (three young owls), 'My owl friend' (two barn owls), 'Bird-watching' (a person looking through binoculars at birds in a forest), and 'Volunteering' (a person working in a field). At the bottom, there is a green footer bar with links: 'Donate', 'Contact Form', 'FAQ', and 'Social' (with icons for Facebook, Twitter, Instagram, and LinkedIn). The footer also includes copyright information: '© Copyright Wild Care All Rights Reserve' and 'Developers: Stefano Bagarin - Alessandra Pasini'.

Figure 4: Selects about us from the home page.

 Wild Care

About Us Events All Services All People

About Us

Who we are

Menu
Who we are
Our mission
Our history

Wild Care is an Italian non-governmental organization founded in 2016 that works in the field of wilderness preservation and the reduction of human impact on the Italian Alps environment. At every level, we collaborate with people around Europe to develop and deliver innovative solutions that protect communities, wildlife, and the places in which they live.

No strategy will succeed without the relentless commitment of extraordinary people. The strengths of Wild Care's amazing, dedicated, and passionate people have created some of the Italian's greatest conservation victories. We will achieve our ambitious goals through the efforts of over 200 expert volunteers.



Our mission
Our mission is "to build a new future in which humans will live in harmony with nature and will respect mountains". To achieve this goal we follow moral values and principles:

- Be independent, multicultural and apolitical;
- Make use of the best scientific information available to identify and pursue our objective;
- Build concrete solutions through the combination of field projects, services and events to educate citizens;
- Collaborate with other environmental institutions and political ones to achieve more together.

Our mission can then be divided into 3 main goals:



Rescue Wild Animals



Educate Citizens



Free Animals

Our history

Wild Care was founded in Valtellina, a small valley into the Alps in the northern part of Italy in 2016 and today is the most important organization for nature conservation in the region. Even though just 4 years passed from its birth, it has more than 200 members spread across Italy and it has started to expand to Switzerland and Austria with some nature conservation projects. We have achieved some important milestones in the laws to protect Alps animals and we have obtained some local and national prizes for our commitment and our events. Nowadays Wild Care is recognized as a symbol of commitment, concreteness and positivity for the protection of this fragile and special ecosystem and for the future of humans. Our projects and activities play a fundamental role in stopping the degradation of the environment and in helping men to live in greater harmony with nature.

Donate Contact Form FAQ

Social

[f](#) [t](#) [i](#) [in](#)

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Figure 5: Goes in the section events by month.

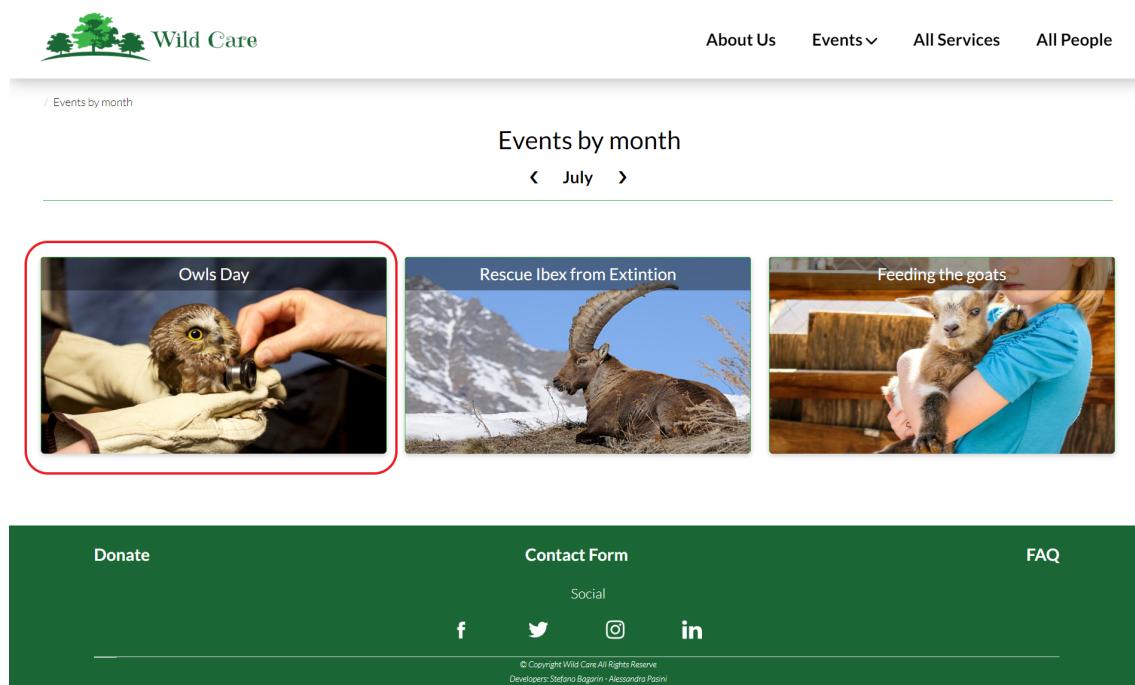


Figure 6: Selects an event.

 Wild Care

About Us Events ▾ All Services All People

/ All Events / Owls Day

Owls Day



Date
06-07-2020

Time
From 08:00:00 to 16:00:00

Location
Stelvio Park

Description

Nature lovers, bird lovers, and bird watchers across the country come and join us for our Owls Day! This event is a great opportunity to shine a spotlight on issues critical to the protection and survival of owls, both captive and wild.

Organizer

If you wanna have more information don't hesitate to contact the organizer.



Chiara Baldini
"I only feel angry when I see waste. When I see people throwing away things we could use."

Services

This event will provide the following services



Feeding owls



Freeing owls



My owl friend



Bird-watching

[Donate](#)

[Contact Form](#)

FAQ

Social

[!\[\]\(31711227610ec961ef5219f5f906b87c_img.jpg\)](#)
[!\[\]\(33c5383d9c605b393a27c8f2e18d64db_img.jpg\)](#)
[!\[\]\(38db1ed738fbed32cce76b327d9999c1_img.jpg\)](#)
[!\[\]\(e782c1c4615d285445cffff5e02752c7_img.jpg\)](#)

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Figure 7: Goes to the page of the responsible of the event.

 Wild Care

About Us Events ▾ All Services All People

/ All People / Chiara Baldini

Chiara Baldini



Motto
"I only feel angry when I see waste. When I see people throwing away things we could use."

Phone
+39 3291182900

E-mail
chiara.baldini@gmail.com

Description

The more one lives alone, on the river or in the open countryside, the more he realizes that there is nothing more beautiful and greater than fulfilling the obligations of one's daily life, simply and naturally. From the grass of the fields to the stars of the sky, everything does just that; there is such profound peace and such immense beauty in nature, precisely because nothing tries to transgress its limits.

Events

The following events involve this volunteer



Services

The following services involve this volunteer as coordinator



[Donate](#)

[Contact Form](#)

Social

f t i

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Figure 8: Takes the email or the phone number of the responsible to contact it.

3.2 Case 2

Alessandra loves to watch documentaries about mountain environment and she is seriously scared by the fact that humans behaviour may affect and damage this fragile ecosystem. Because of these thought, she decides that it's time to give her contribute to save our wonderful world and she starts to search for associations that take care of wild animals and their environment. By surfing the net she ends up on our association's website.

She likes all read information and she is really excited because she is arrived to the conclusion that this is the association she was looking for. Because of this, she navigates to the FAQ section where she learns that to become a volunteer she needs to send a message to the association through the contact form.

The screenshot shows the homepage of the Wild Care website. At the top, there is a navigation bar with links: 'About Us' (which is highlighted with a red box), 'Events', 'All Services', and 'All People'. Below the navigation bar is a large banner image of a mountainous landscape with a ski lift. A black bar across the image contains the text 'Our view of the mountains'. Underneath the banner, the heading 'Events of this month' is displayed, followed by the subtext 'Try out our events of may!'. Three event thumbnails are shown: 'Owls Day' (a person holding an owl), 'Rescue Ibex from Extinction' (an ibex in a snowy mountain setting), and 'Feeding the goats' (a person holding a goat). In the middle section, the heading 'Our Services' is shown, with the subtext 'Discover the services offered by our volunteers'. Five service thumbnails are displayed: 'Feeding owls' (a person feeding an owl), 'Freeing owls' (three young owls), 'My owl friend' (two barn owls), and 'Bird-watching' (a person looking through binoculars at birds in a forest). At the bottom, there is a dark green footer bar with three sections: 'Donate', 'Contact Form', and 'FAQ'. Below 'Contact Form' is a 'Social' section with icons for Facebook, Twitter, Instagram, and LinkedIn. The footer also contains copyright information: '© Copyright Wild Care All Rights Reserve' and 'Developers: Stefano Bagarin - Alessandra Pasini'.

Figure 9: Selects about us from the home page.

 Wild Care

About Us Events ▾ All Services **All People**

About Us

Who we are

Menu

- [Who we are](#)
- [Our mission](#)
- [Our history](#)

Wild Care is an Italian non-governmental organization founded in 2016 that works in the field of wilderness preservation and the reduction of human impact on the Italian Alps environment. At every level, we collaborate with people around Europe to develop and deliver innovative solutions that protect communities, wildlife, and the places in which they live.

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Our mission is "to build a new future in which humans will live in harmony with nature and will respect mountains". To achieve this goal we follow moral values and principles:

- Be independent, multicultural and apolitical;
- Make use of the best scientific information available to identify and pursue our objective;
- Build concrete solutions through the combination of field projects, services and events to educate citizens;
- Collaborate with other environmental institutions and political ones to achieve more together.

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Educate Citizens



Free Animals

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Even though just 4 years passed from its birth, it has more than 200 members spread across Italy and it has started to expand to Switzerland and Austria with some nature conservation projects. We have achieved some important milestones in the laws to protect Alps animals and we have obtained some local and national prizes for our commitment and our events.

Nowadays Wild Care is recognized as a symbol of commitment, concreteness and positivity for the protection of this fragile and special ecosystem and for the future of humans. Our projects and activities play a fundamental role in stopping the degradation of the environment and in helping men to live in greater harmony with nature.

[Donate](#) [Contact Form](#) [FAQ](#)

Social

[!\[\]\(8d87941c6ee8d748960a8d916b8871be_img.jpg\)](#) [!\[\]\(5b55f8f3dcb686f5aa2a67bcd8c0c267_img.jpg\)](#) [!\[\]\(f0bfc66691f2fb33165a7acc4b841c19_img.jpg\)](#) [!\[\]\(ac333279619d2de23399bccce36e5345_img.jpg\)](#)

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Figure 10: Goes in the people section.

The screenshot shows a website for "Wild Care". At the top, there is a logo of three stylized green trees and the text "Wild Care". Below the header, there are navigation links: "About Us", "Events", "All Services", and "All People". A breadcrumb trail indicates the current page is "/ All People". The main content area is titled "Our volunteers" and displays a grid of eight profiles, each with a photo, name, and a quote. The profiles are arranged in two columns of four. The bottom row is partially cut off. The profile for Chiara Baldini is highlighted with a red border.

Profile	Name	Quote
	Marta Frigianu	"An animal's eyes have the power to speak a great language."
	Stefano Bagarin	"Those who teach their children respect for the environment and love for animals may not know it, but they are building a better future."
	Alessandra Pasini	"The future of animals is in the consciousness of humanity."
	Stefano Pedrini	"You can know a man's heart by the way he treats animals."
	Enrico Viglianisi	"The Earth is what we all have in common"
	Virginia Scalia	"Time spent among trees is never time wasted."
	Chiara Baldini	"I only feel angry when I see waste. When I see people throwing away things we could use."
	Luca Lanzetti	"He that plants trees loves others besides himself."

Below the grid, there is a dark green footer bar with links for "Donate", "Contact Form", and "FAQ". It also includes social media icons for Facebook, Twitter, Instagram, and LinkedIn, and a copyright notice: "© Copyright Wild Care All Rights Reserved Developers: Stefano Bagarin - Alessandra Pasini".

Figure 11: Selects a person.

 Wild Care

About Us Events ▾ All Services **All People**

/ All People / Chiara Baldini

Chiara Baldini



Motto
"I only feel angry when I see waste. When I see people throwing away things we could use."

Phone
+39 3291182900

E-mail
chiara.baldini@gmail.com

Description

The more one lives alone, on the river or in the open countryside, the more he realizes that there is nothing more beautiful and greater than fulfilling the obligations of one's daily life, simply and naturally. From the grass of the fields to the stars of the sky, everything does just that; there is such profound peace and such immense beauty in nature, precisely because nothing tries to transgress its limits.

Events

The following events involve this volunteer



Discover Ibex



Ermines day

Services

The following services involve this volunteer as coordinator



Freeding owls



My owl friend



Bird-watching

[Donate](#)[Contact Form](#)[FAQ](#)

Social



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Figure 12: Goes back to the people page to see the profile of other volunteers.

The screenshot shows the Wild Care website's "Our volunteers" page. At the top, there is a navigation bar with links for "About Us", "Events", "All Services", and "All People". Below the navigation, a breadcrumb trail shows the current location as "/ All People". The main content area is titled "Our volunteers" and features a grid of eight volunteer profiles, each with a photo, name, and a quote. The profiles are arranged in two columns of four. The first column includes Marta Frigianu, Alessandra Pasini, Enrico Viglianisi, and Chiara Baldini. The second column includes Stefano Bagarin, Stefano Pedrini, Virginia Scalia, and Luca Lanzetti. A search bar is located at the top right of the content area. At the bottom, a dark green footer bar contains links for "Donate", "Contact Form", "Social" (with icons for Facebook, Twitter, Instagram, and LinkedIn), and "FAQ". The footer also includes copyright information: "© Copyright Wild Care All Rights Reserved Developers: Stefano Bagarin - Alessandra Pasini".

Figure 13: Navigates to the FAQ section.

The screenshot shows the Wild Care website's FAQ page. At the top, there is a navigation bar with links for 'About Us', 'Events', 'All Services', and 'All People'. Below the navigation bar, the page title is 'FAQ'. The content area contains a list of questions, each enclosed in a green-bordered box. The questions are:

- How can I join Wild Care?
- How can I donate to Wild Care?
- How is my donated money spent?
- Who is Wild Care's president?
- Where is Wild Care?
- What is Wild Care's registered charity number?
- What is Wild Care's main goal?
- Do I have to meet special requirements to join Wild Care?
- When was Wild Care founded?
- What should I do to participate to an event organized by Wild Care?

At the bottom of the page, there is a dark green footer bar with links for 'Donate', 'Contact Form' (which is highlighted with a red border), 'Social' (with icons for Facebook, Twitter, Instagram, and LinkedIn), and 'FAQ'.

Figure 14: Selects contact form.



Wild Care

About Us Events ▾ All Services All Volunteers

/ Contact Form Contact Form

Full Name

Email

Topic

Message

I accept to ... GDPR...

Donate Contact Form FAQ

Social

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Figure 15: Sends a message to the association.

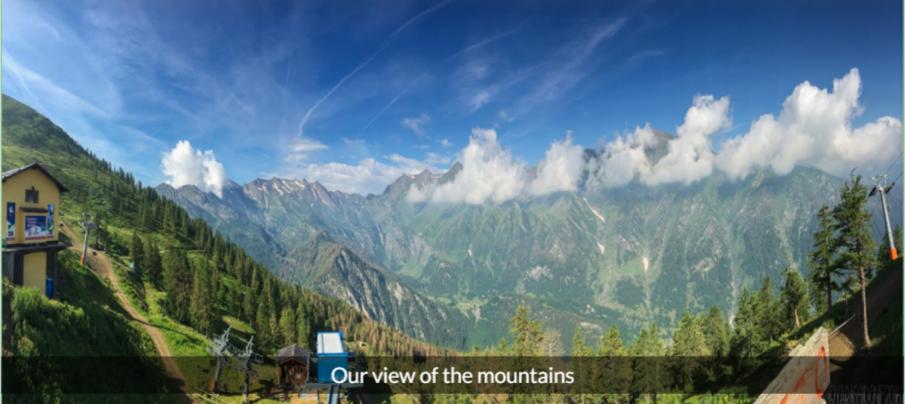
3.3 Case 3

Stefano enjoys participating to some of the events organized by Wild Care sometimes. In particular, last week he took part to an event that offered a service about owls and he really liked both the content of the service and the interactiveness with the involved volunteers.

He decides to experience that again with he's girlfriend, so he connects to the website and starts to looking for that service with the volunteers that was involved last time too. When he finds it, he navigates to the next event that will offer it and reads when it's going to take place.

Wild Care

About Us Events ▾ All Services **All People**



Our view of the mountains

Events of this month

Try out our events of may!



Owls Day



Rescue Ibex from Extinction



Feeding the goats

Our Services

Discover the services offered by our volunteers



Feeding owls



Freeing owls



My owl friend



Bird-watching

Donate

Contact Form

FAQ

Social

f t i n

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Figure 16: Selects services from the home page.

The screenshot shows the 'Services' page of the Wild Care website. At the top, there's a navigation bar with links to 'About Us', 'Events', 'All Services', and 'All People'. Below the navigation, a breadcrumb trail shows the current location as '/ All Services'. The main content area is titled 'Services' and features a grid of nine service options, each with a thumbnail image and a title:

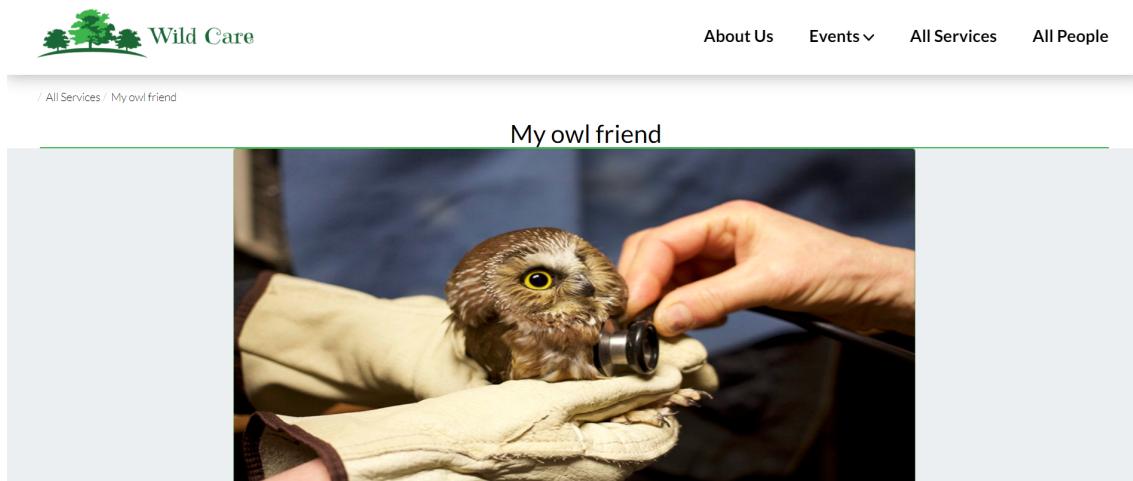
- Feeding owls
- Freeing owls
- My owl friend (highlighted with a red border)
- Bird-watching
- Find the marmots!
- Find the ermine!
- Discover Ibexes
- Freeing ibexes
- Feeding the goats

Below the grid, there are three more service options:

- Discover wild farms
- Freeing marmots
- Discover Alps animals

At the bottom of the page, there's a green footer bar with links to 'Donate', 'Contact Form', 'Social' (Facebook, Twitter, Instagram, LinkedIn icons), and 'FAQ'.

Figure 17: Selects the service.



Presentation

Owls live all around us but are very good at evading detection. During our events you can come to learn how to identify our local owls by size, shape, silhouette and sound with our volunteers. Following the indoor portion of the program participants will carpool to known owl territories in and around Valtellina.

Pratical info

Dress for the weather, and try to wear clothes that don't make noise when you move. Calling will be done from the side of the road, so very little walking is required. Children are welcome, but must be able to stand quietly for at least 10 minutes at a time. The service will take place in our HQ at Stelvio Park. During this service the first 45 minutes will be spent indoors learning to identify owls by sound, then the last 2 hours will be spent outdoors.

Who is involved

The following volunteers are involved in this service



Chiara Baldini

"I only feel angry when I see waste. When I see people throwing away things we could use."

Related events

The following events will provide this service



[Donate](#) [Contact Form](#) [FAQ](#)

Social

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Figure 18: Checks the volunteers.

 Wild Care

About Us Events ▾ All Services All People

/ All People / Chiara Baldini

Chiara Baldini



Motto
"I only feel angry when I see waste. When I see people throwing away things we could use."

Phone
+39 3291182900

E-mail
chiara.baldini@gmail.com

Description

The more one lives alone, on the river or in the open countryside, the more he realizes that there is nothing more beautiful and greater than fulfilling the obligations of one's daily life, simply and naturally. From the grass of the fields to the stars of the sky, everything does just that; there is such profound peace and such immense beauty in nature, precisely because nothing tries to transgress its limits.

Events

The following events involve this volunteer



Discover Ibex



Ermines day

Services

The following services involve this volunteer as coordinator



Freeing owls



My owl friend



Bird-watching

[Donate](#)

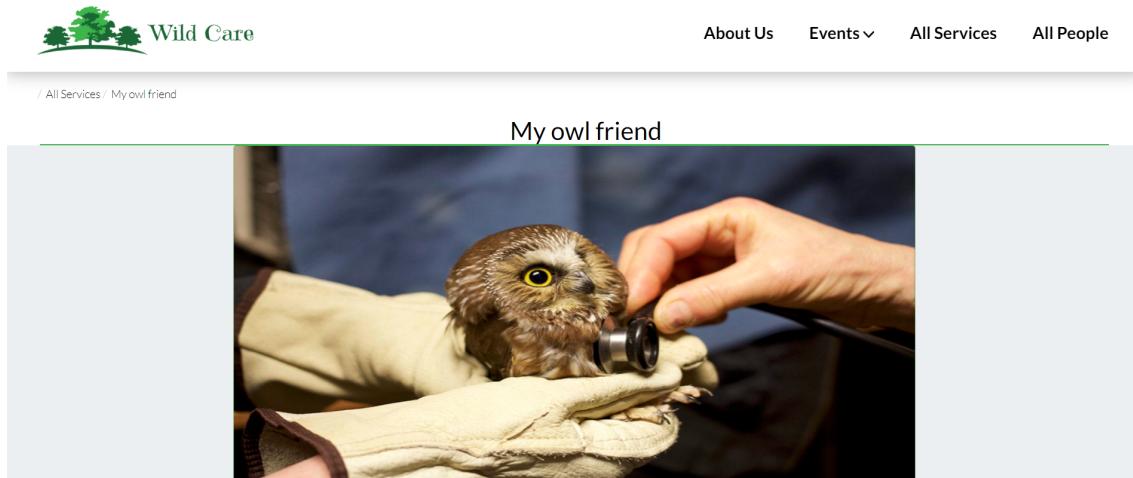
[Contact Form](#)

Social

f t i in

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Figure 19: Goes back to the service page.



Presentation

Owls live all around us but are very good at evading detection. During our events you can come to learn how to identify our local owls by size, shape, silhouette and sound with our volunteers. Following the indoor portion of the program participants will carpool to known owl territories in and around Valtellina.

Pratical info

Dress for the weather, and try to wear clothes that don't make noise when you move. Calling will be done from the side of the road, so very little walking is required. Children are welcome, but must be able to stand quietly for at least 10 minutes at a time. The service will take place in our HQ at Stelvio Park. During this service the first 45 minutes will be spent indoors learning to identify owls by sound, then the last 2 hours will be spent outdoors.

Who is involved

The following volunteers are involved in this service



Chiara Baldini
"I only feel angry when I see waste. When I see people throwing away things we could use."

Related events

The following events will provide this service



[Donate](#)
[Contact Form](#)
[FAQ](#)

Social

[f](#)
[t](#)
[i](#)
[in](#)

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Figure 20: Navigates to the related event page.

 Wild Care

About Us Events ▾ All Services All People

/ All Events / Owls Day

Owls Day



Date
06-07-2020

Time
From 08:00:00 to 16:00:00

Location
Stelvio Park

Description

Nature lovers, bird lovers, and bird watchers across the country come and join us for our Owls Day! This event is a great opportunity to shine a spotlight on issues critical to the protection and survival of owls, both captive and wild.

Organizer

If you wanna have more information don't hesitate to contact the organizer.



Chiara Baldini
"I only feel angry when I see waste. When I see people throwing away things we could use."

Services

This event will provide the following services



Feeding owls



Freeing owls



My owl friend



Bird-watching

[Donate](#)

[Contact Form](#)

FAQ

Social

[!\[\]\(1b3fb6d2322314e8e650fe3e301ebc56_img.jpg\)](#)
[!\[\]\(cc253964fdb3eddf3faed65b1005d19d_img.jpg\)](#)
[!\[\]\(4c24cdab907f4be1967b05dbc88aeaa3_img.jpg\)](#)
[!\[\]\(1b88e4322cbff3d2b6464c3f90f2fc3a_img.jpg\)](#)

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Figure 21: checks when the event will take place.

4 Design in-the-small

4.1 Home Page

The association's homepage gives an overview of what the association is about and what it offers. To improve the navigation, it has a section where can be found the events of the current month and another section with the services offered. It also contains a carousel with some images related to the association's main topics.

It is important to highlight that to go back to the home page the user can click on the association logo which inside the topbar landmark.

4.1.1 Home Page in-the-small

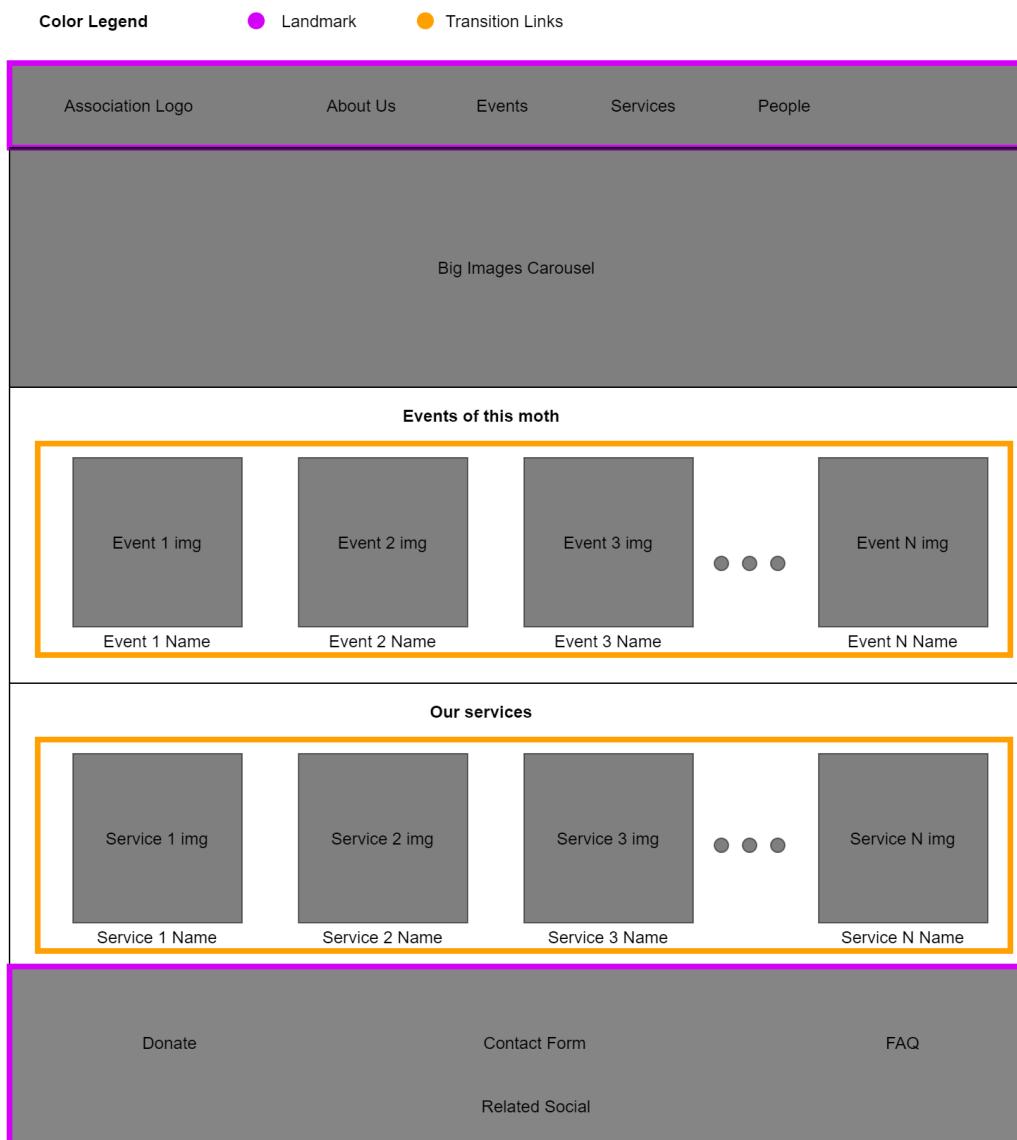


Figure 22: Homepage - Design in the small.

4.1.2 Home Page screenshot

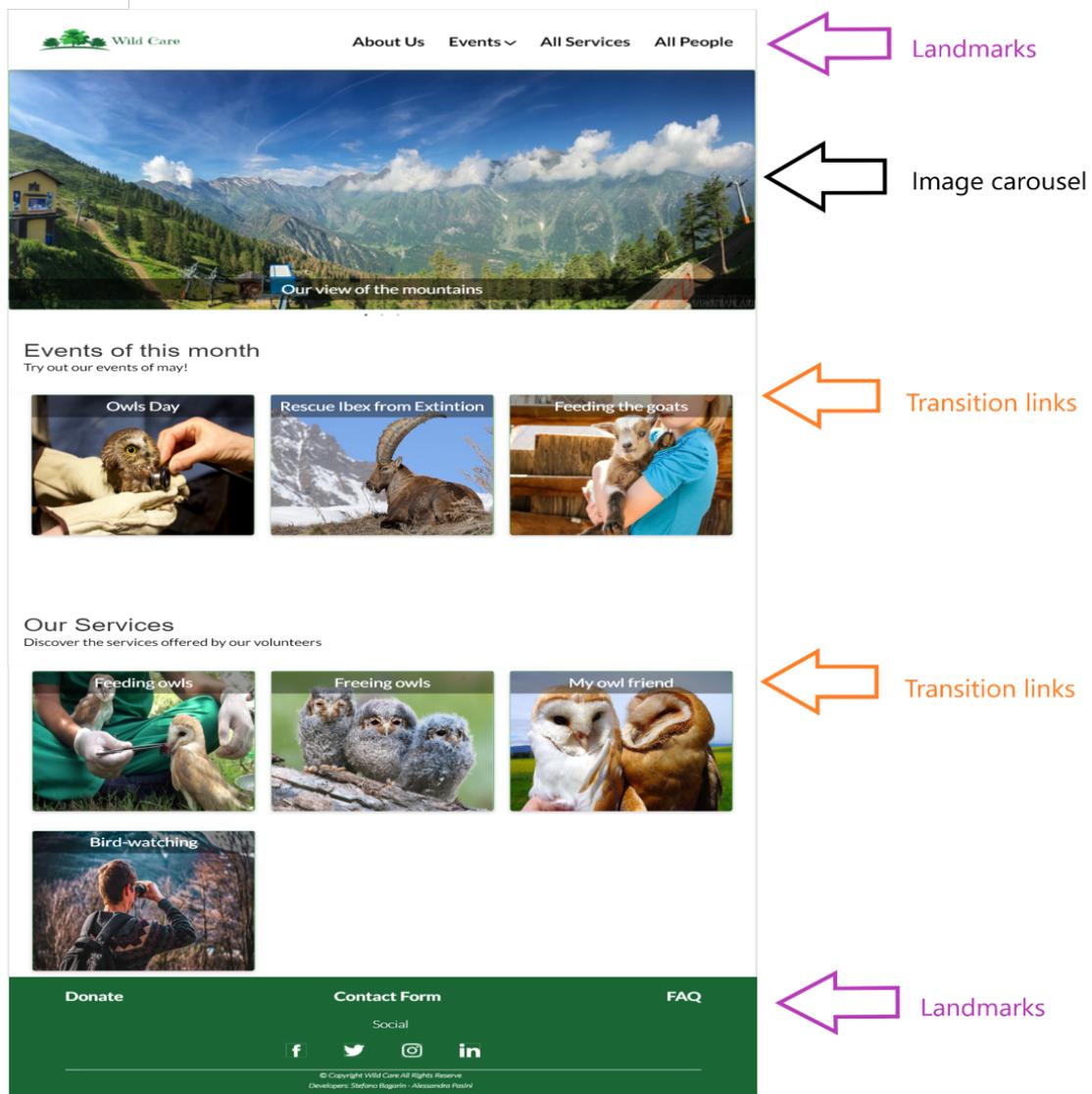


Figure 23: Homepage - Screenshot commented.

4.2 About us

This is the page dedicated to describe and give general information about our association. It is formed by 4 main sections:

- **Who we are:** gives general info about the association
- **Our Mission:** explains the purpose and final scope
- **History:** tells to user what the association has done from the foundation to today

A set of functional links has been added to let users easily navigate between these sections.

4.2.1 About Us in-the-small

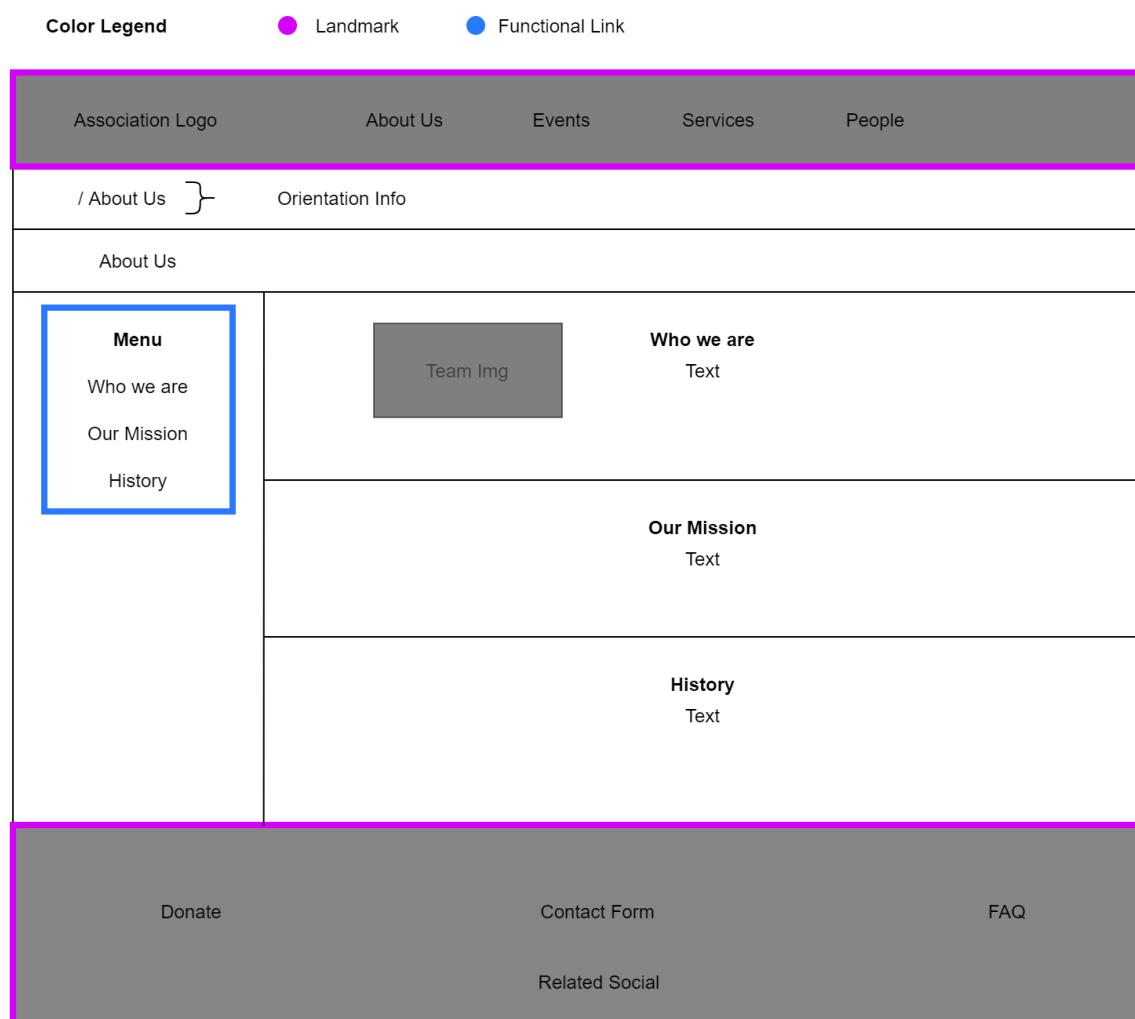


Figure 24: About Us page - Design in the small

4.2.2 About Us screenshot

The screenshot shows the 'About Us' section of the Wild Care website. At the top, there's a navigation bar with links for 'About Us', 'Events', 'All Services', and 'All People'. Below the navigation, a sub-menu for 'About Us' includes 'Orientation info' and 'About Us'. A green callout box labeled 'Who we are' contains the organization's mission statement. To the left of this box is a blue arrow pointing upwards, labeled 'Functional Links'. To the right of the 'Who we are' box is a purple arrow pointing right, labeled 'Landmarks'. Below the mission statement is a photo of a group of volunteers. The 'Who we are' box also lists 'Our mission' and 'Our history' under the 'Menu' heading. Further down, sections for 'Our mission', 'Our history', and 'Contact Form' are visible. A purple arrow points right from the 'Our mission' section, labeled 'Content'. At the bottom, there's a dark green footer with links for 'Donate', 'Contact Form', 'FAQ', and social media icons (Facebook, Twitter, Instagram, LinkedIn). A purple arrow points right from the 'Contact Form' area, labeled 'Landmarks'. The footer also includes copyright information: '© Copyright Wild Care All Rights Reserved Developers: Stefano Bagarin - Alessandra Pasini'.

Figure 25: About Us page - Screenshot commented.

4.3 Contact Form

The aim of this page is to let users ask questions or send messages to the association through a contact form, whose fields are all mandatory.

Once filled the form, Send button must be clicked:

- if one or more fields are empty or if the email is invalid (being valid means that it has the following structure: *example@example.com*) an error message will occur;
- if the form has been well completed a success message will pop up.

4.3.1 Contact Form in-the-small

Color Legend ● Landmark ● Functional Link

The wireframe shows a mobile-style layout for a contact form. At the top, there's a navigation bar with links for 'Association Logo', 'About Us', 'Events', 'Services', and 'People'. Below the navigation is a header section with 'Contact Form' and 'Orientation Info'. The main content area contains a large gray placeholder for an image labeled 'img'. To the right of this are three text input fields: 'Text Input Name', 'Text Input Email', and 'Text Input Message'. A blue-bordered 'Send' button is positioned below these. At the bottom, there's a footer with links for 'Donate', 'Contact Form', 'FAQ', and 'Related Social'.

Figure 26: Contact Form page - Design in the small

4.3.2 Contact Form screenshot

The screenshot shows the Wild Care Contact Form page. At the top, there is a navigation bar with links for About Us, Events, All Services, and All Volunteers. A purple arrow points from the word "Landmarks" to the "Events" link. Below the navigation bar, there is a back button labeled "Contact Form" and a link labeled "Orientation info". A blue arrow points from the word "Functional Link" to the "Submit" button. The main form area contains fields for Full Name, Email, Topic (with a dropdown menu showing "General Info"), and Message. There is also a checkbox for accepting GDPR terms. The footer of the page includes links for Donate, Contact Form, and FAQ, along with social media icons for Facebook, Twitter, Instagram, and LinkedIn. A green arrow points from the word "Landmarks" to the "Contact Form" link in the footer.

Figure 27: Contact Form page - Screenshot commented.

4.4 Events

The *Events* page contains a grid with all events that our association organizes. By clicking on each event image or name it is possible to navigate to the event's details page. Through the group links into the left side menu is possible to filter events depending on their type and date (the date filter is different from "Events by Month x" multiple group).

4.4.1 Events in-the-small

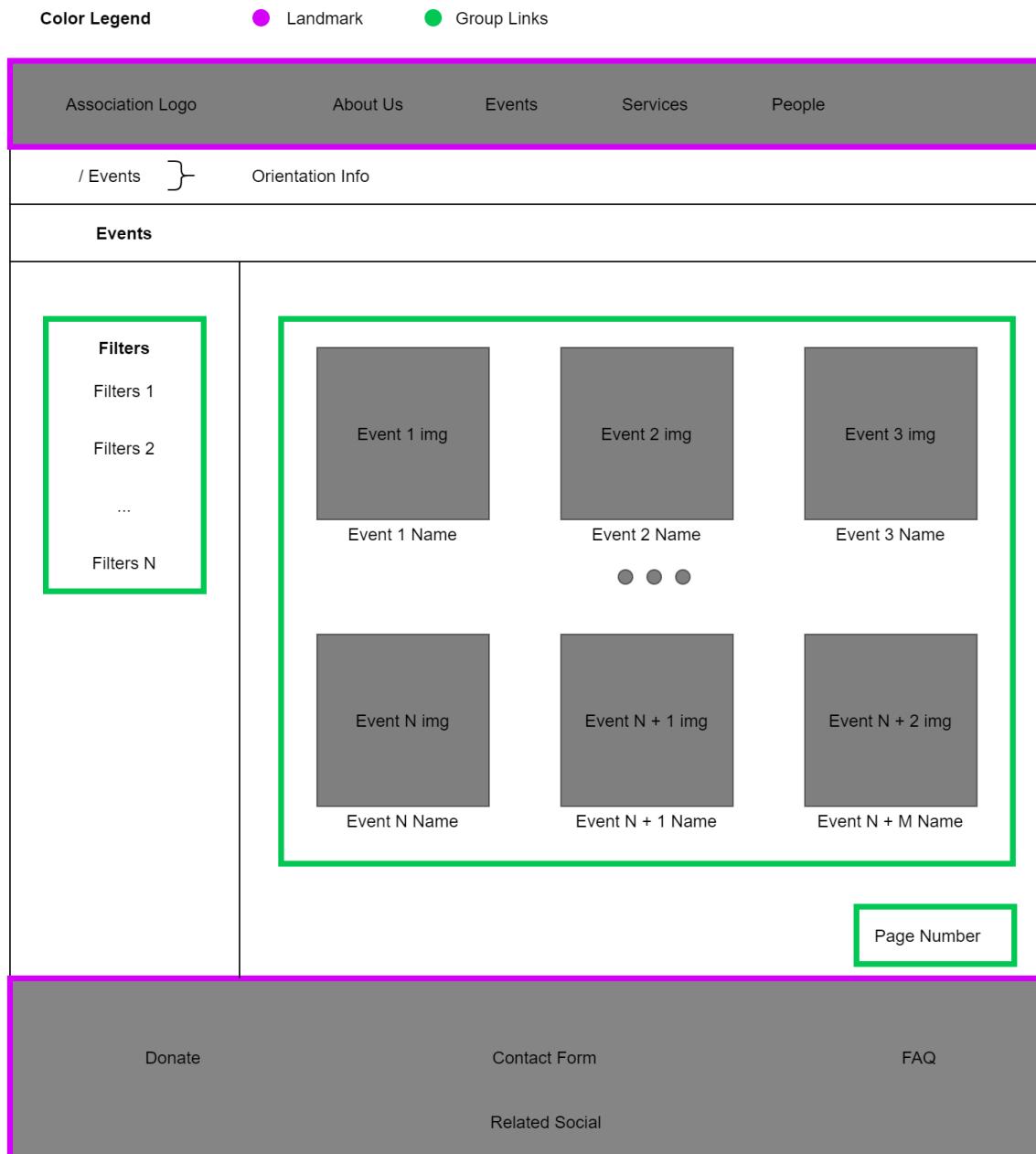


Figure 28: Events Page - Design in the small.

4.4.2 Events screenshot

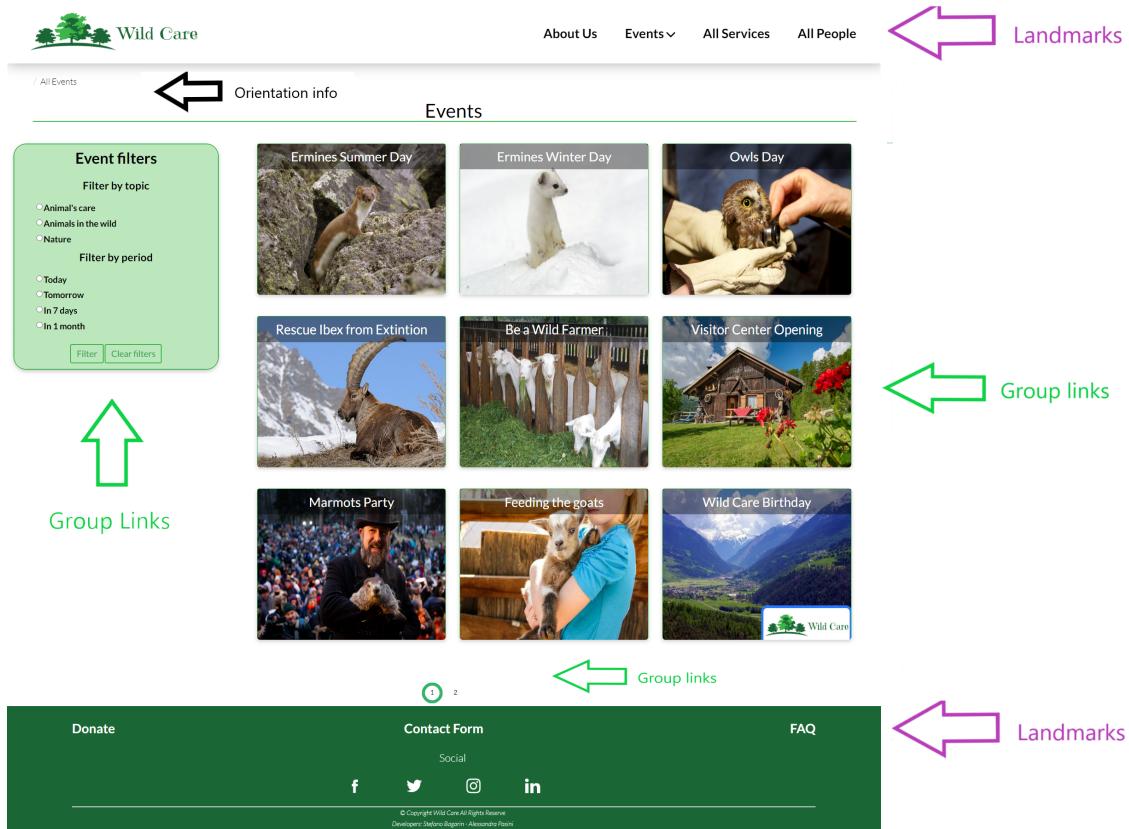


Figure 29: Events Page - Screenshot commented.

Events' details can be found in Event page, which contains:

- all event's information stored into the database such as the promotion image, practical info (like event date and location), a brief description, etc. etc.
- the transition links to all services that the association provide during the selected event
- the transition link to the volunteers' details that are the point of reference and organizers of the selected event

4.4.3 Event in-the-small

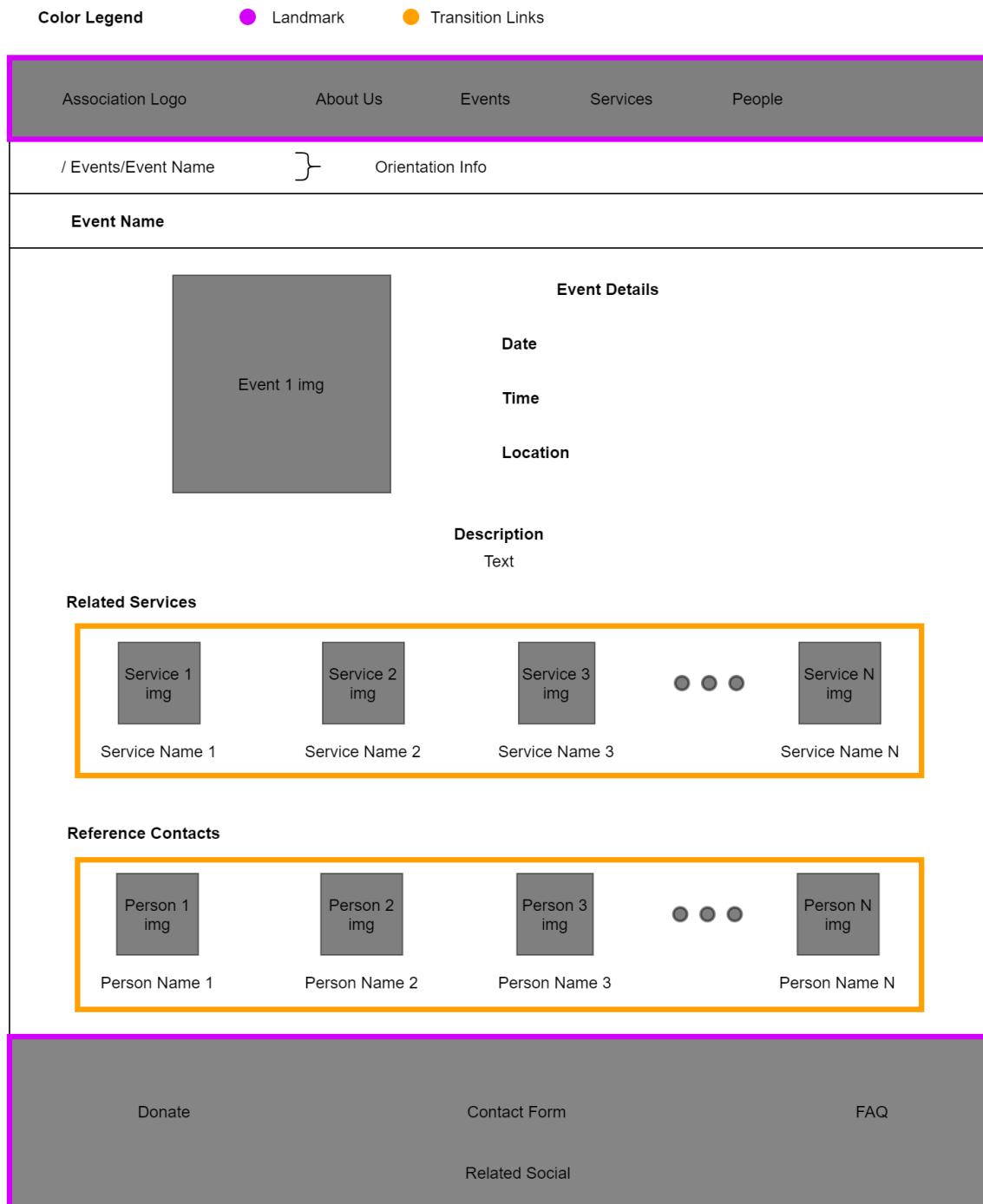


Figure 30: Event Page - Design in the small.

4.4.4 Event screenshot

The screenshot shows the Wild Care website's event page for 'Owls Day'. At the top, there's a navigation bar with links for 'About Us', 'Events', 'All Services', and 'All People'. Below the navigation, a breadcrumb trail shows '/ All Events / Owls Day'. A black arrow points to the word 'Orientation info' next to the breadcrumb trail, with the label 'Orientation info' below it. Another black arrow points to the title 'Owls Day'.

The main content area features a large image of a person wearing gloves holding an owl. To the right of the image, event details are listed: Date (06-07-2020), Time (From 08:00:00 to 16:00:00), and Location (Stelvio Park). A purple arrow points from the text 'Landmarks' to the location information.

Below the event details, there's a section titled 'Description' with a paragraph about the event's purpose. A black arrow points to this paragraph, with the label 'Content' below it.

The 'Organizer' section follows, featuring a profile picture of Chiara Baldini and her quote: 'I only feel angry when I see waste. When I see people throwing away things we could use.' A white arrow points from the text 'Transition links' to this section.

The 'Services' section contains four images with captions: 'Feeding owls', 'Freeding owls', 'My owl friend', and 'Bird-watching'. A white arrow points from the text 'Transition links' to the 'Freeding owls' image.

At the bottom of the page is a dark green footer bar with links for 'Donate', 'Contact Form', 'Social' (Facebook, Twitter, Instagram, LinkedIn), and 'FAQ'. The 'Social' link has a white arrow pointing to it, labeled 'Landmarks'.

Figure 31: Event Page - Screenshot commented.

4.5 Services

The Services page aims to show all the services provided by our association. In the page is possible to click on each service image or name to access its dedicated page.

4.5.1 Services in-the-small

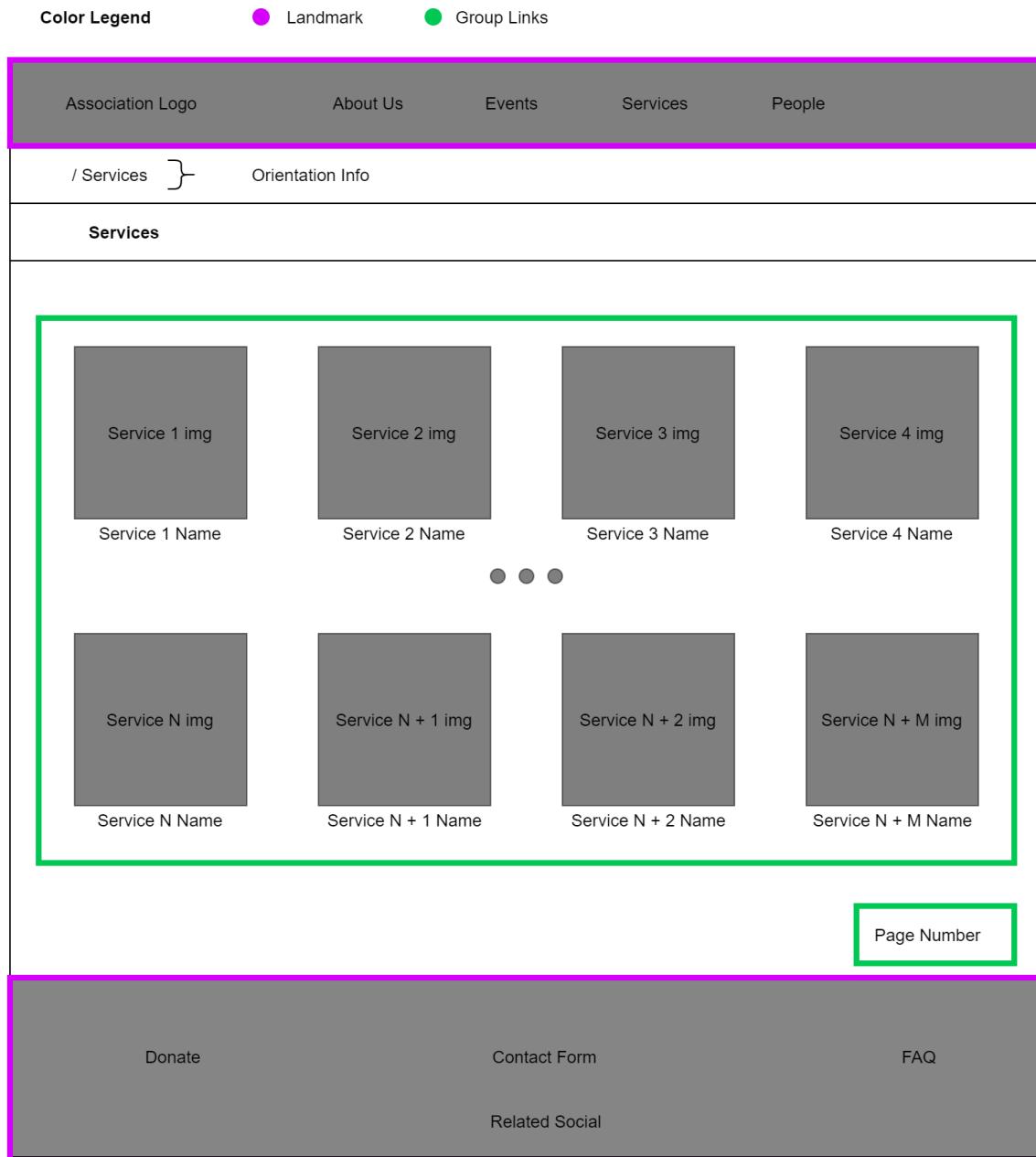


Figure 32: Services Page - Design in the small.

4.5.2 Services screenshot

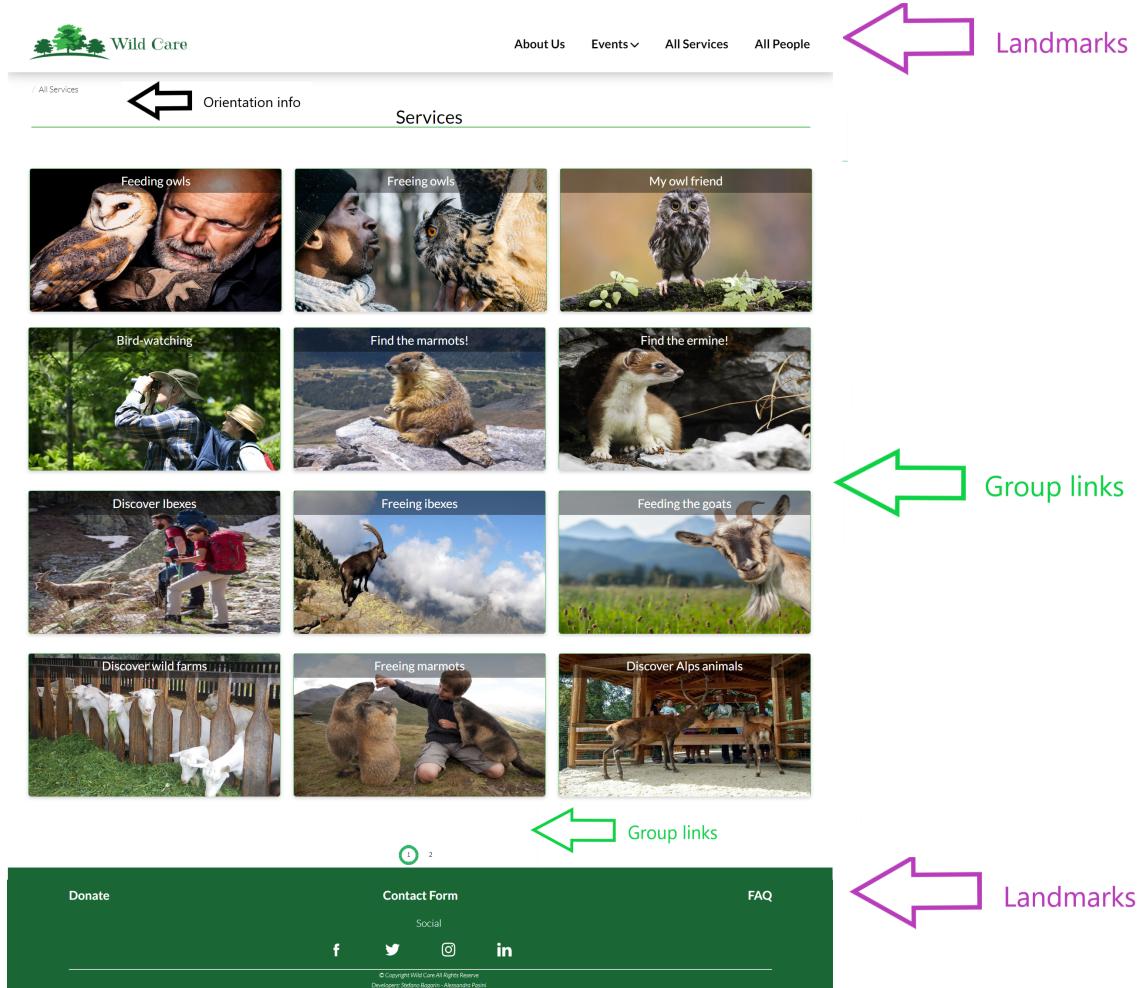


Figure 33: Services Page - Screenshot commented.

Services' details can be found in Service page, which contains:

- a carousel with all images related to the selected service, there must be at least one image and all of them are retrieved from the database;
- practical info and a brief description that explain the service purpose and all important information that users need;
- the transition links to the volunteer that are involved in the selected service;
- the transition links to the events in which the selected service is provided.

4.5.3 Service in-the-small

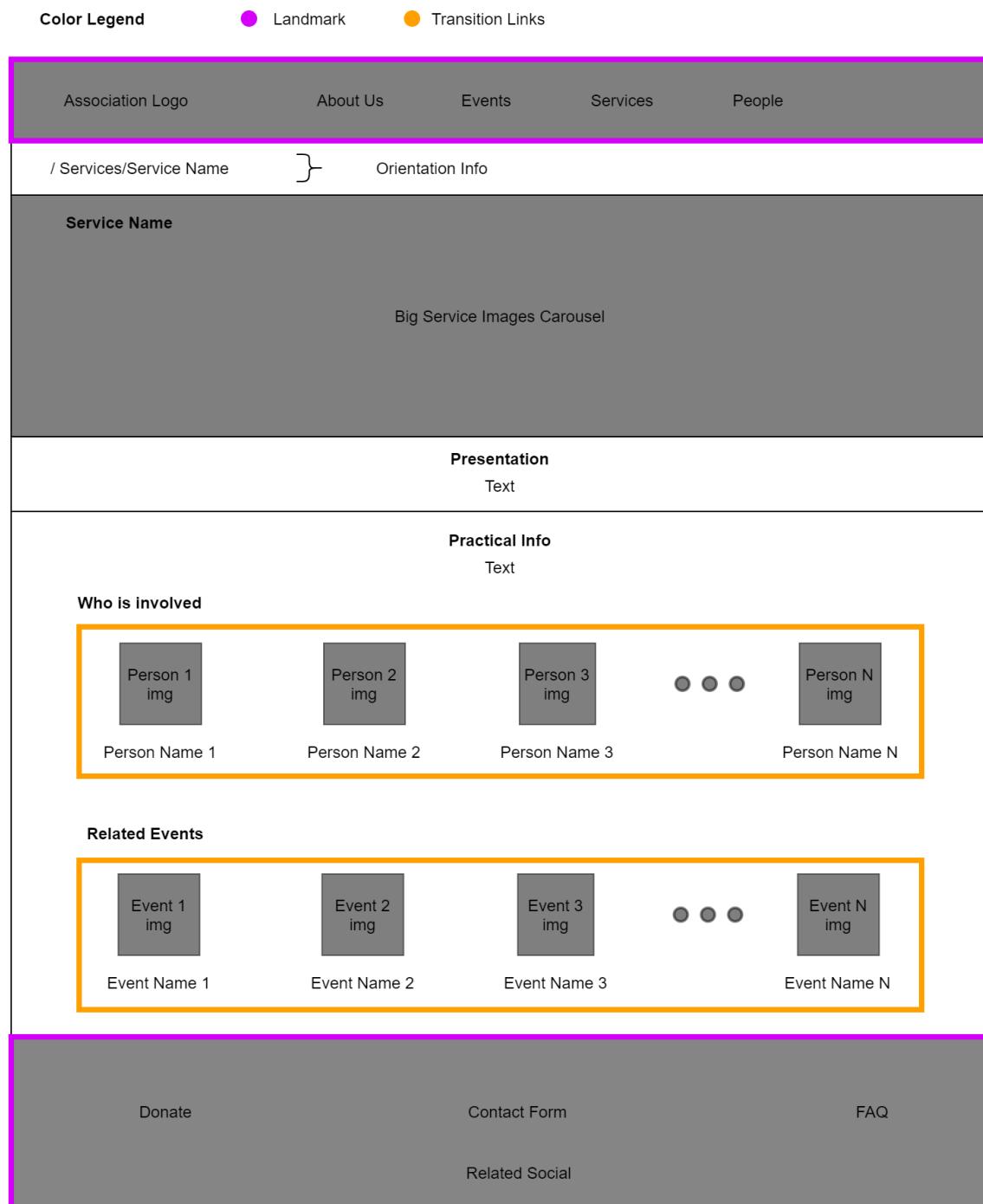


Figure 34: Service Page - Design in the small.

4.5.4 Service screenshot

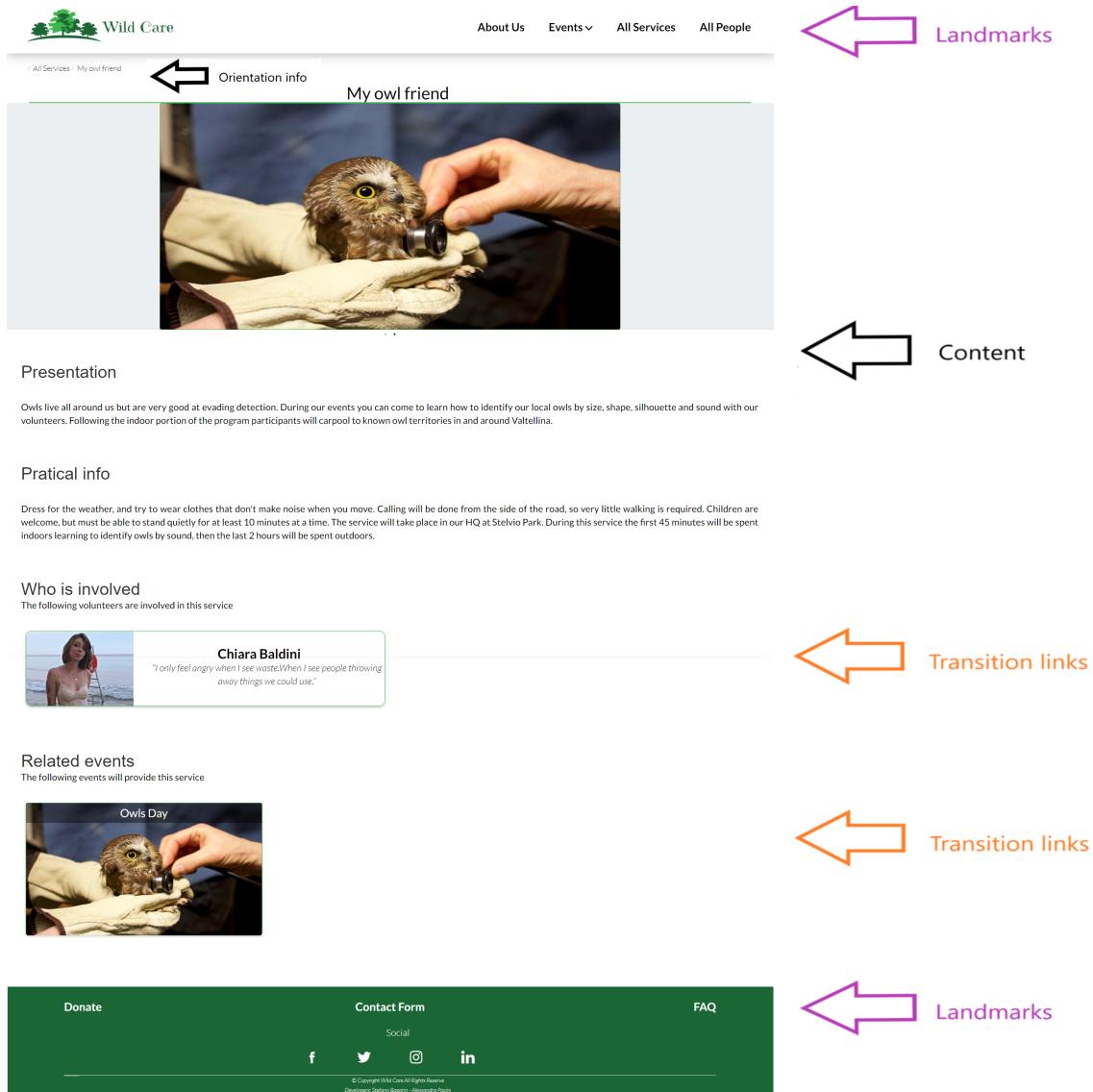


Figure 35: Service Page - Screenshot commented.

4.6 People

The *People* page contains a grid with all volunteers that are part of our organization. By clicking on each contact image or name, it is possible to navigate to the person's details page. It is possible to search a person by typing the name of the desired person through the group links above the grid.

4.6.1 People in-the-small

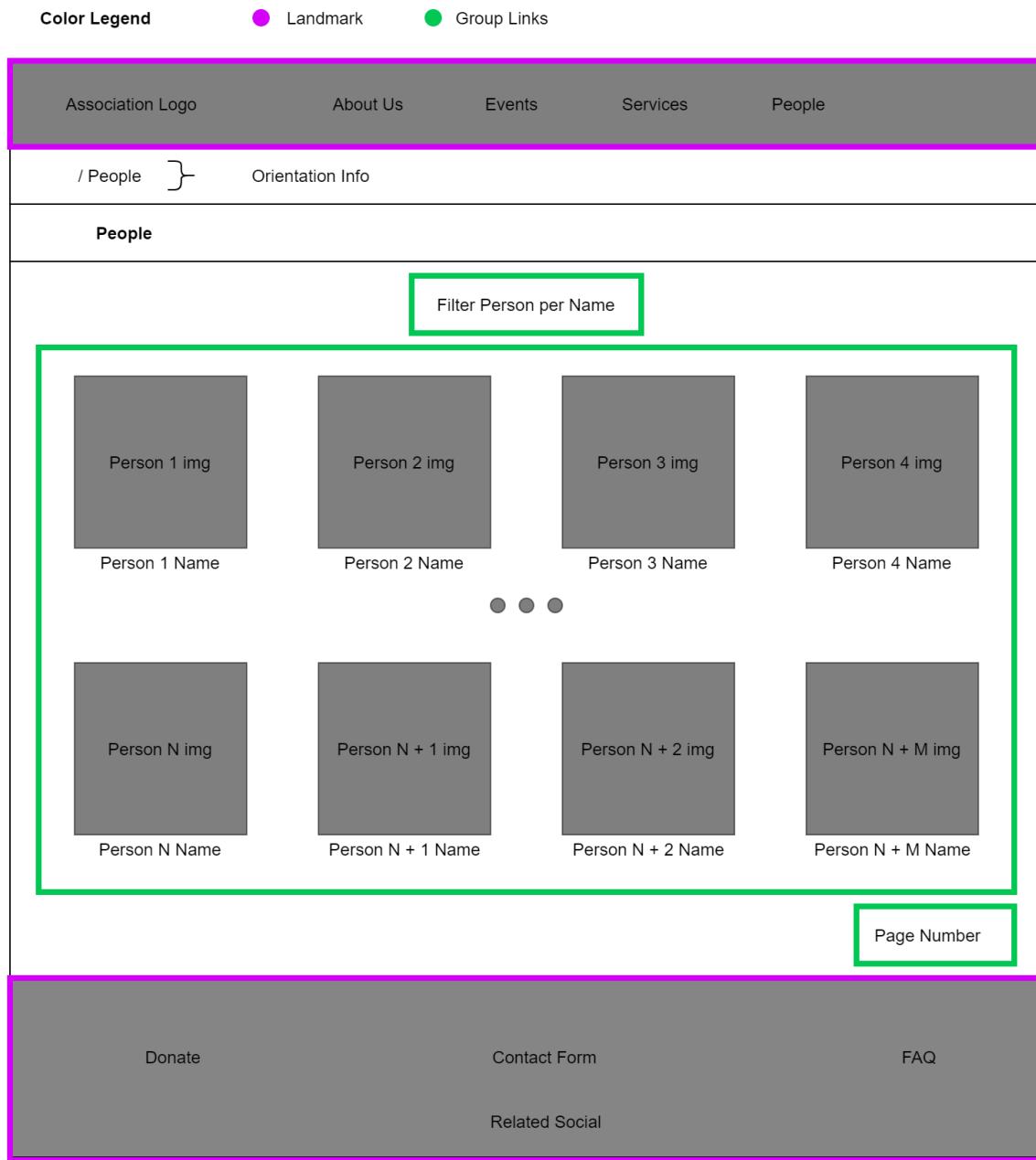


Figure 36: People Page - Design in the small.

4.6.2 People screenshot

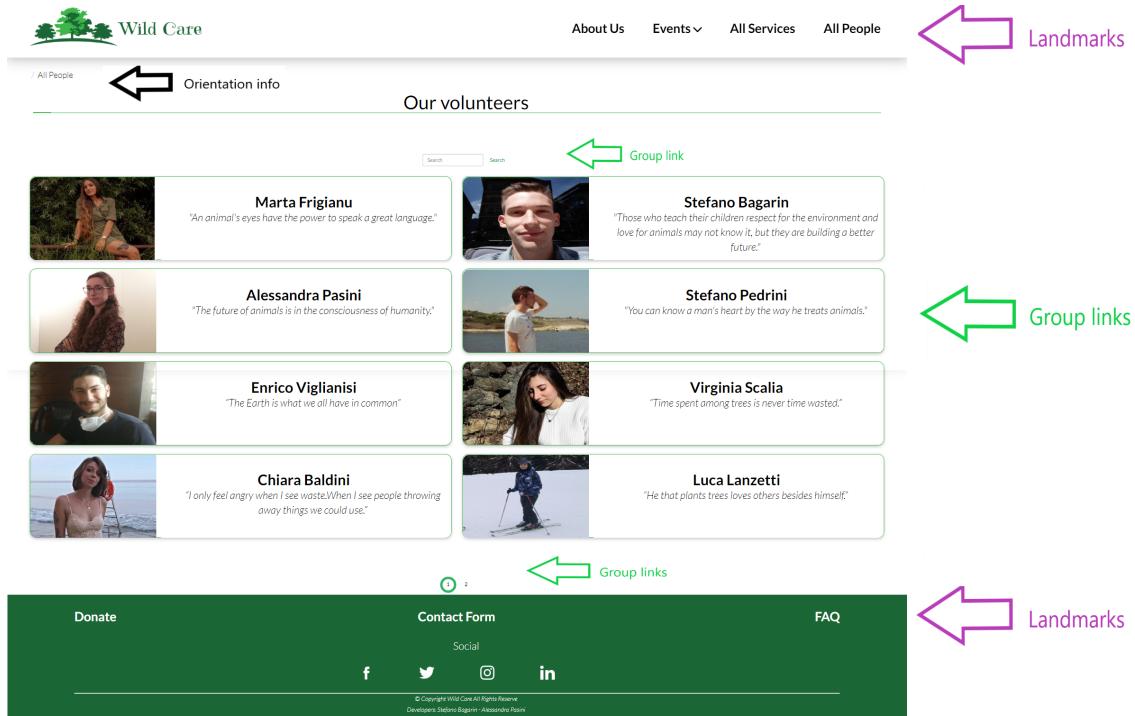


Figure 37: People Page - Screenshot commented.

People's details can be found in Person page, which contains:

- all person's information stored into the database such as the contact image, anographics as name and birthday, contacts info as email and number, a brief description, etc. etc.
- the transition links to all services the person is involved in
- the transition link to the events for which he/she is the point of reference. It may happen that a person doesn't have any transition link to events.

4.6.3 Person in-the-small



Figure 38: Person Page - Design in the small.

4.6.4 Person screenshot

The screenshot shows a person profile page for Chiara Baldini on the Wild Care website. The page includes a photo, motto, contact info, events, services, and a footer.

Landmarks: A purple arrow points to the "Landmarks" section, which includes the logo and navigation menu (About Us, Events, All Services, All People).

Content: A black arrow points to the "Content" section, which includes the profile photo, motto, and contact information.

Transition links: Two orange arrows point to the "Transition links" sections, which include event and service thumbnails.

Landmarks: A purple arrow points to the "Landmarks" section in the footer, which includes social media icons and copyright information.

Figure 39: Person Page - Screenshot commented.

5 Database Design

5.1 Entity Relationship Diagram

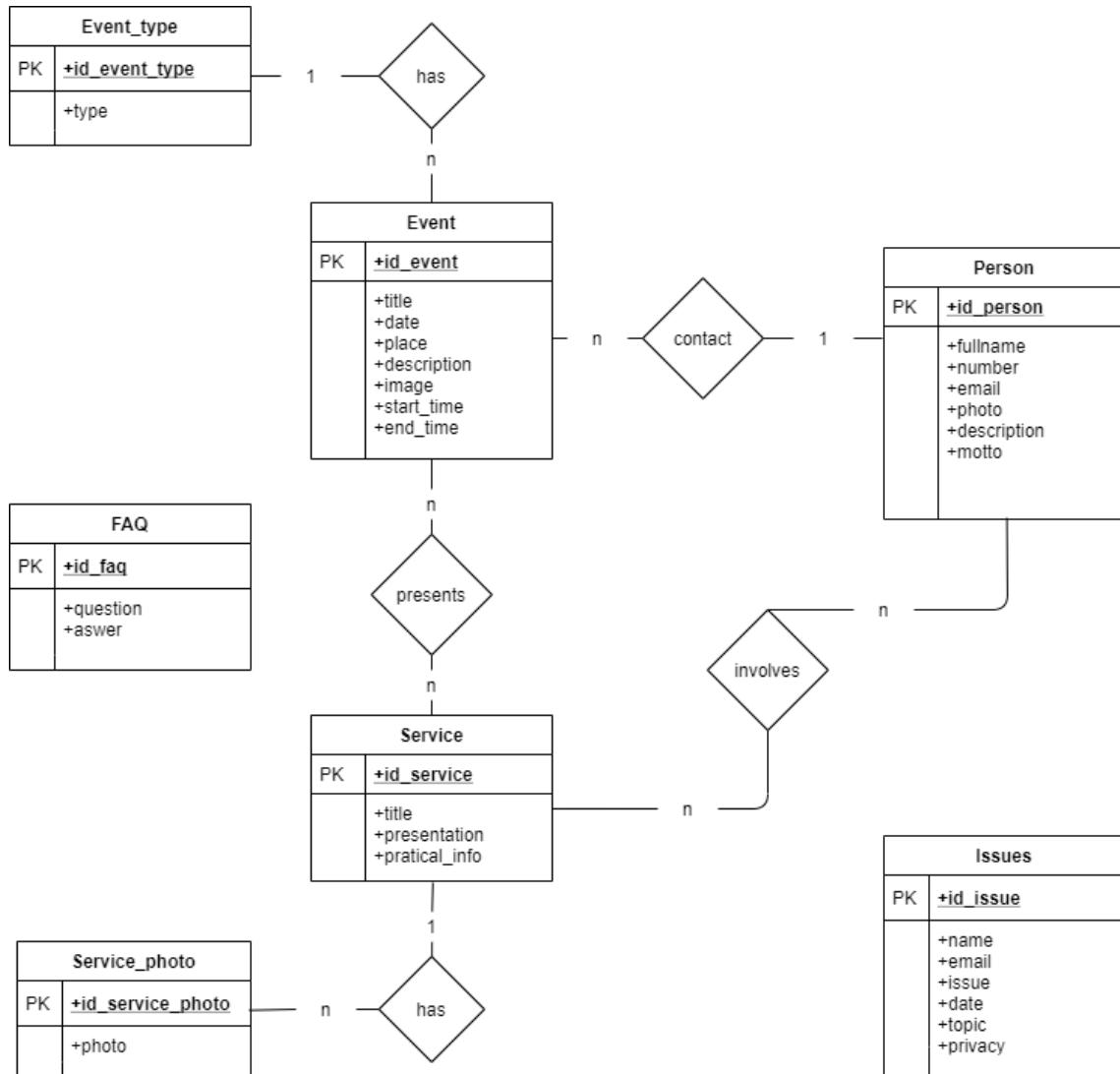


Figure 40: Relational database structure

5.2 Logical Design

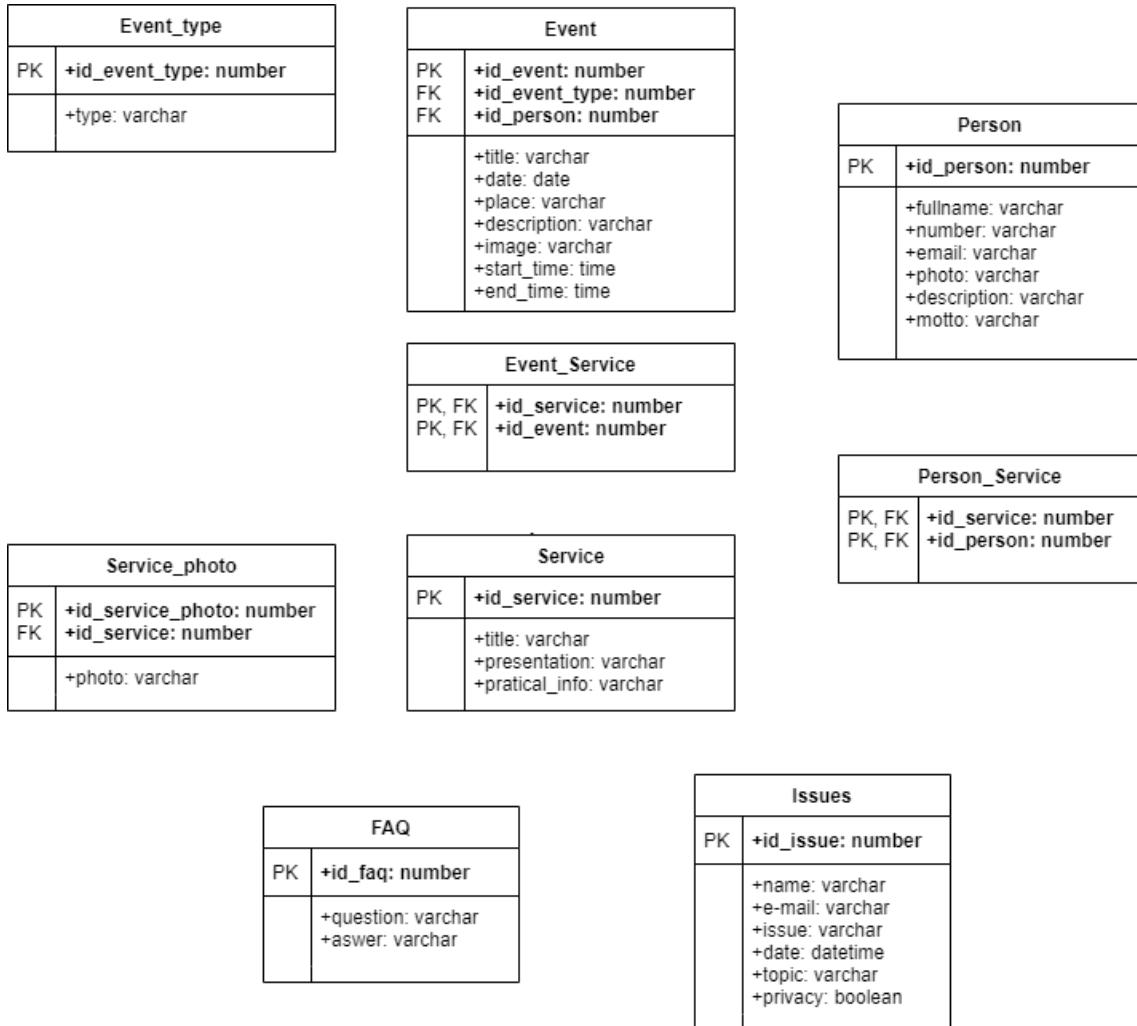


Figure 41: Logic Diagram