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Design Document

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1 Abstract

This document provides basic information on developing a volountary 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 ... ... an Entity Relationship diagram and a Logical Design schema to describe the structure of the database.

2 Graphical Representation

2.1 C-IDM

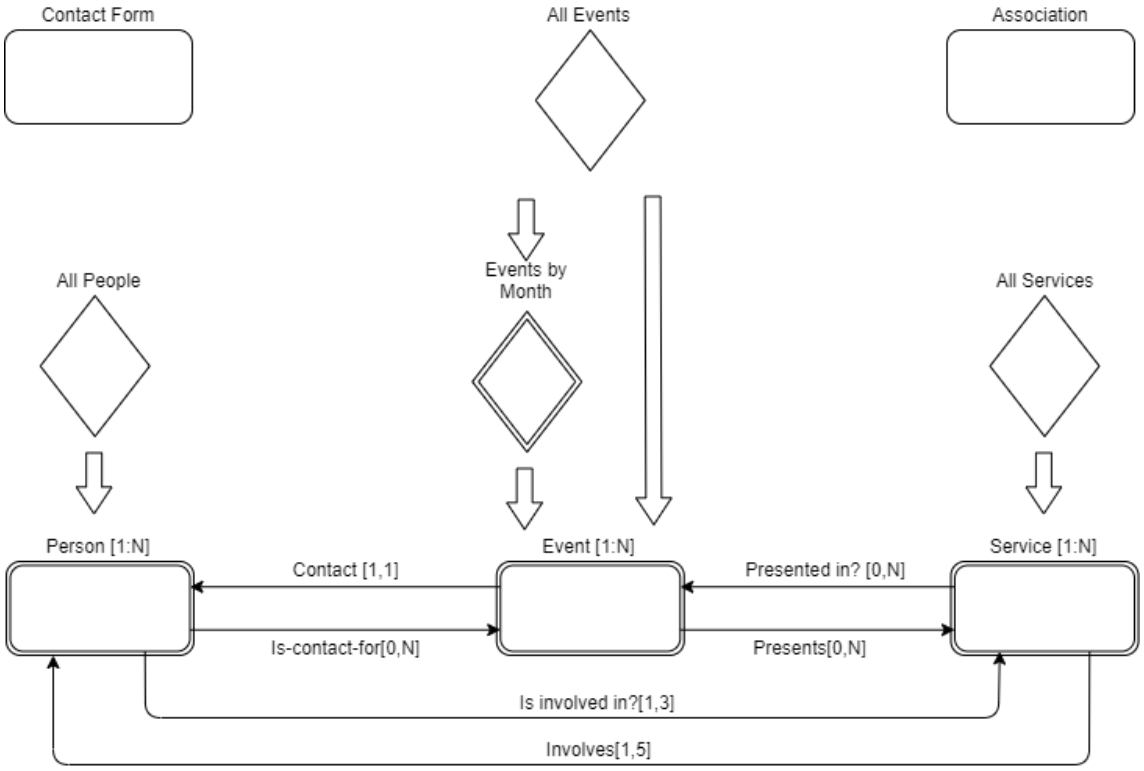

Figure 1: Content Interactive Dialogue Model

2.2 L-IDM

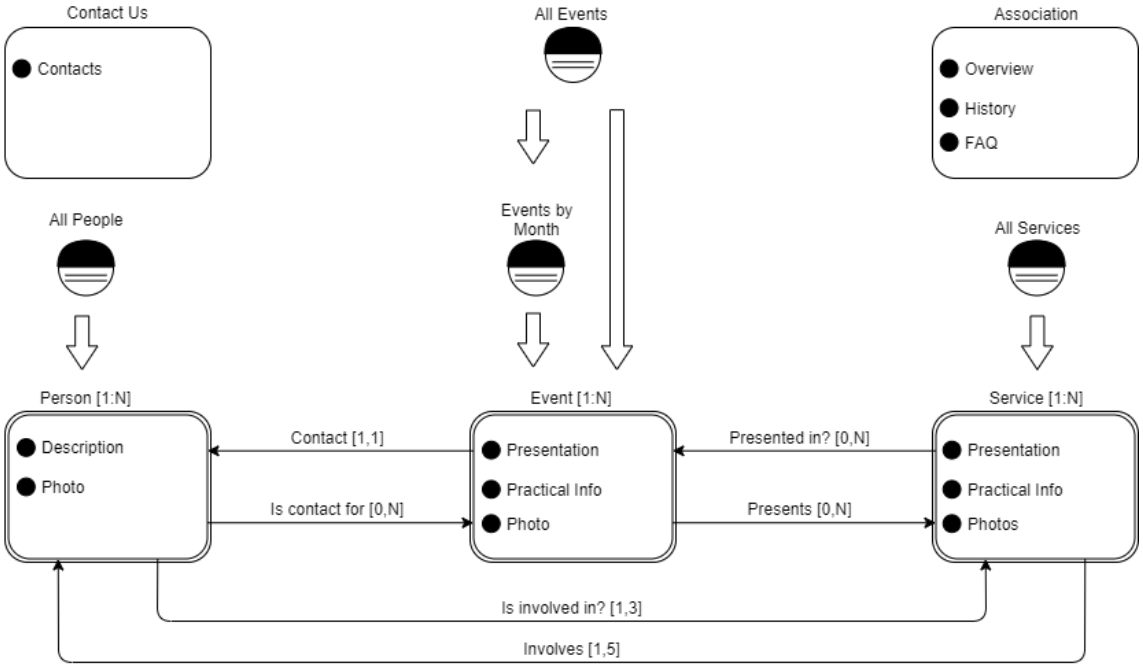

Figure 2: Logical Interactive Dialogue Model

2.3 P-IDM

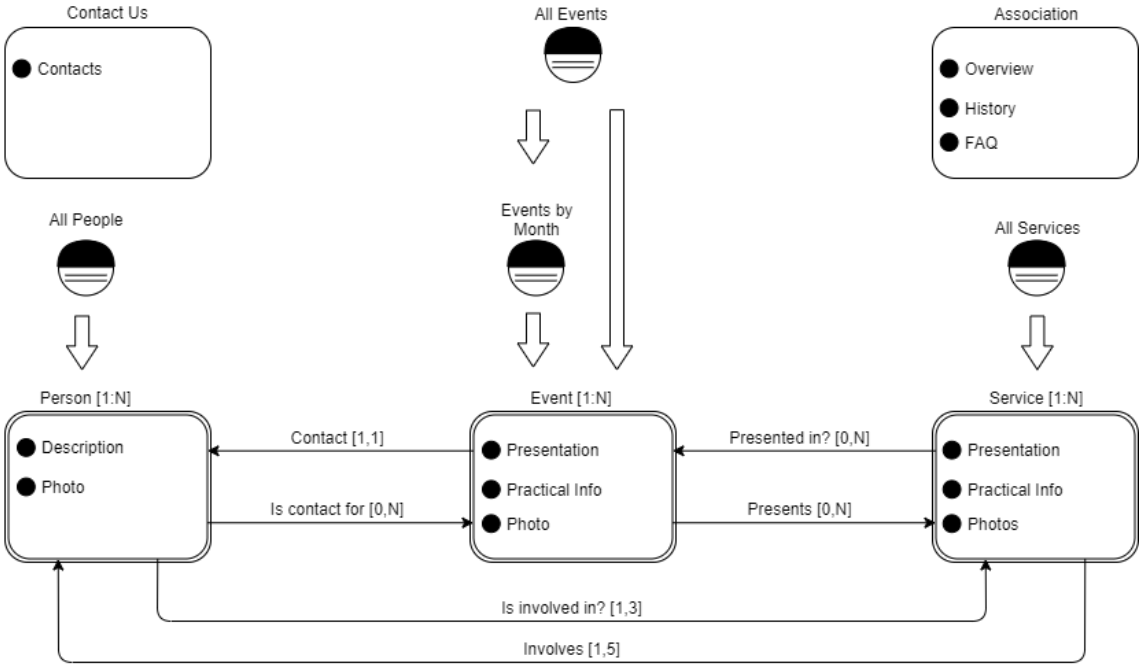

Figure 3: Logical Interactive Dialogue Model

3 Scenarios

3.1 Case 1

3.2 Case 2

3.3 Case 3

4 Design in-the-small

4.1 Comments

4.2 Home Page

The association's homepage gives a general representation of the main websites's categories. TODOIt alsco contains links to sSome useful links are provided in order to easily reach subsets of books or events, for instance is possible to fetch best seller books or latest event just with one click. In order to make the navigation smoother and the website more user friendly, the home page contains some Carousel slideshow.

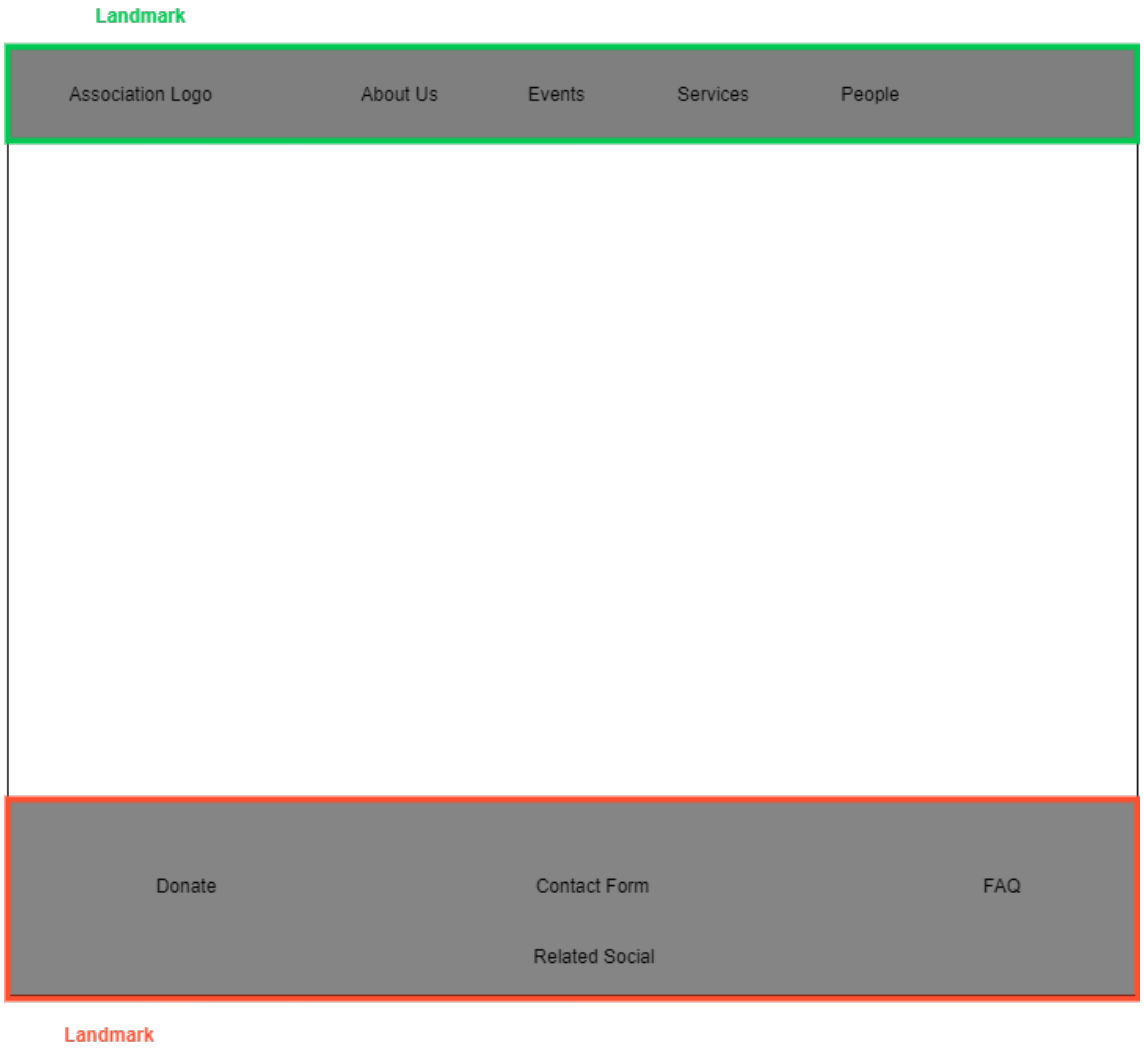

Figure 4: Homepage in the small

4.3 About us o Our Association?

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 genral info about the association
- **Our Mission:** explains the purpose and final scope
- **History:** tells to user what the association as done from the foundation to today
- **FAQ:** contains some common questions and related answers

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

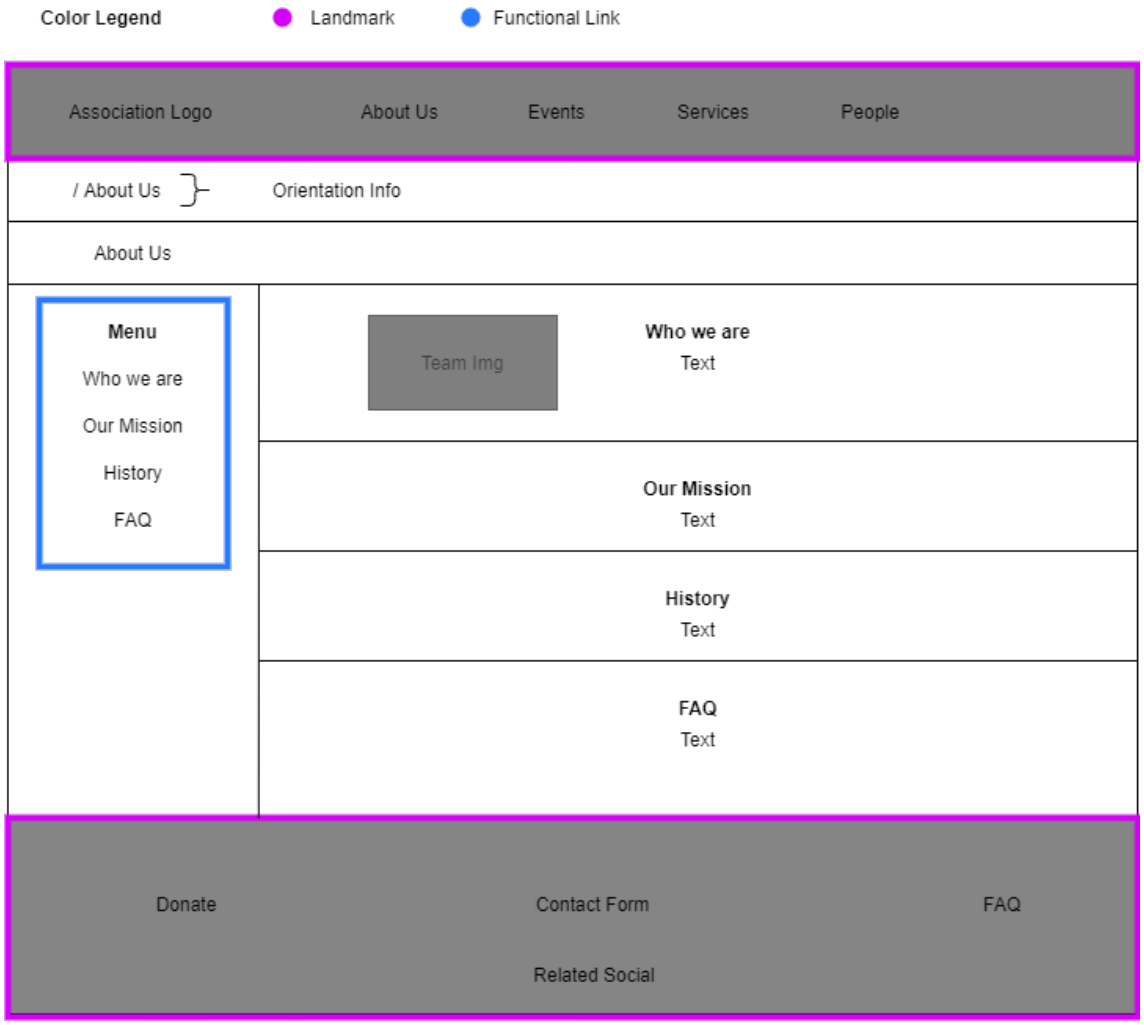

Figure 5: About Us page - Design in the small

4.4 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.

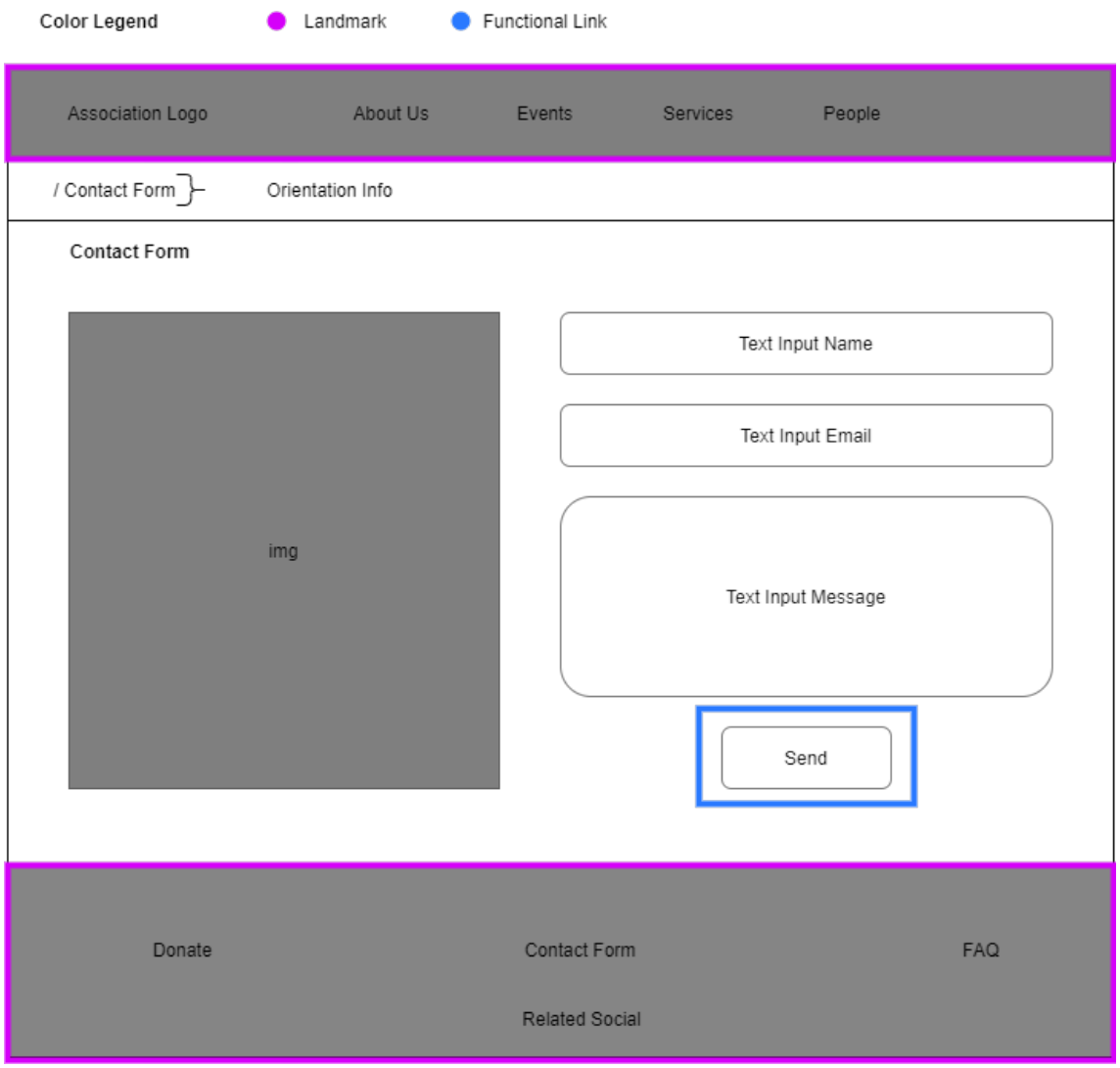

Figure 6: Contact Form page - Design in the small

4.5 Events Topic

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).

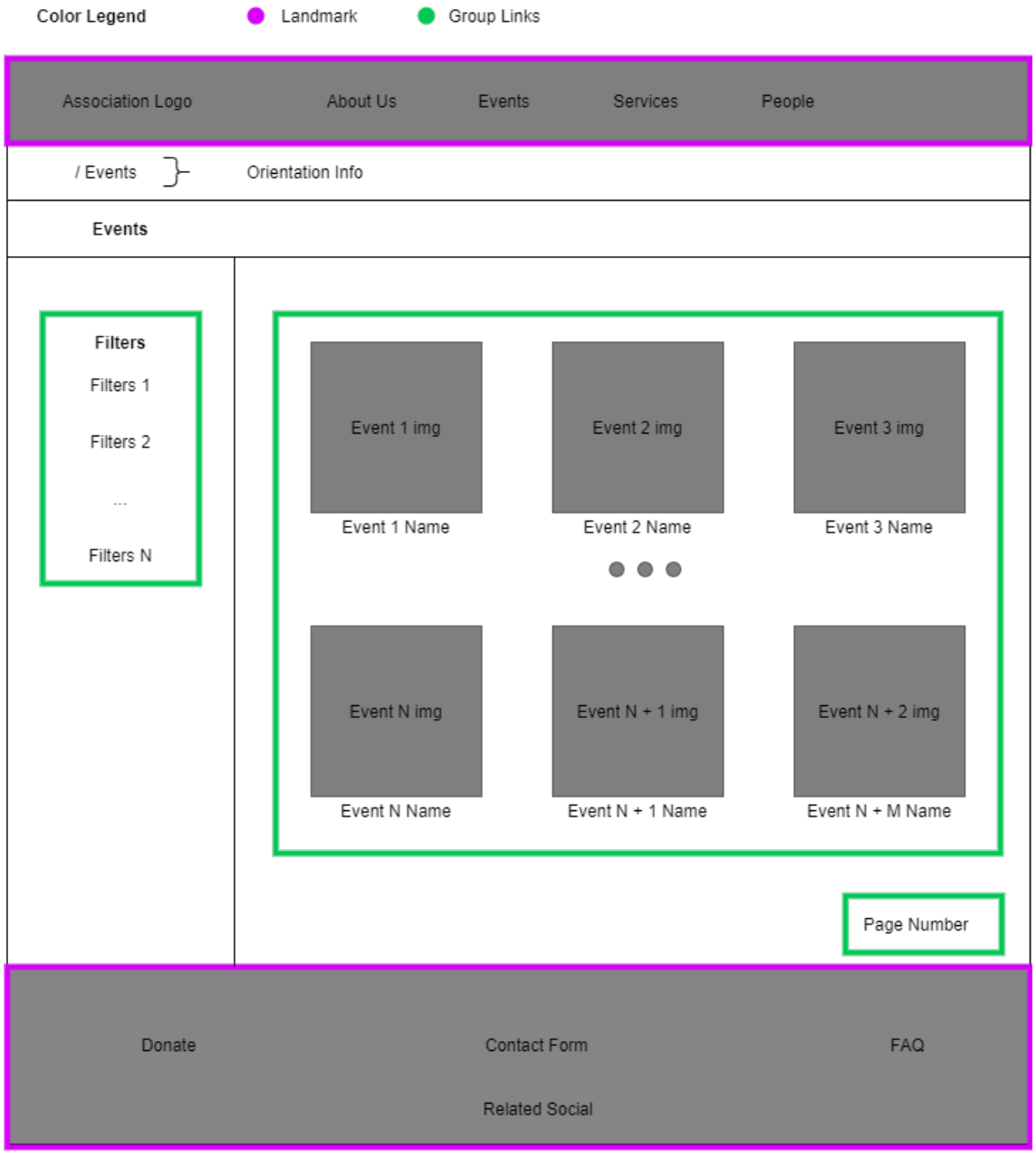

Figure 7: Events Page - Design in the small

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

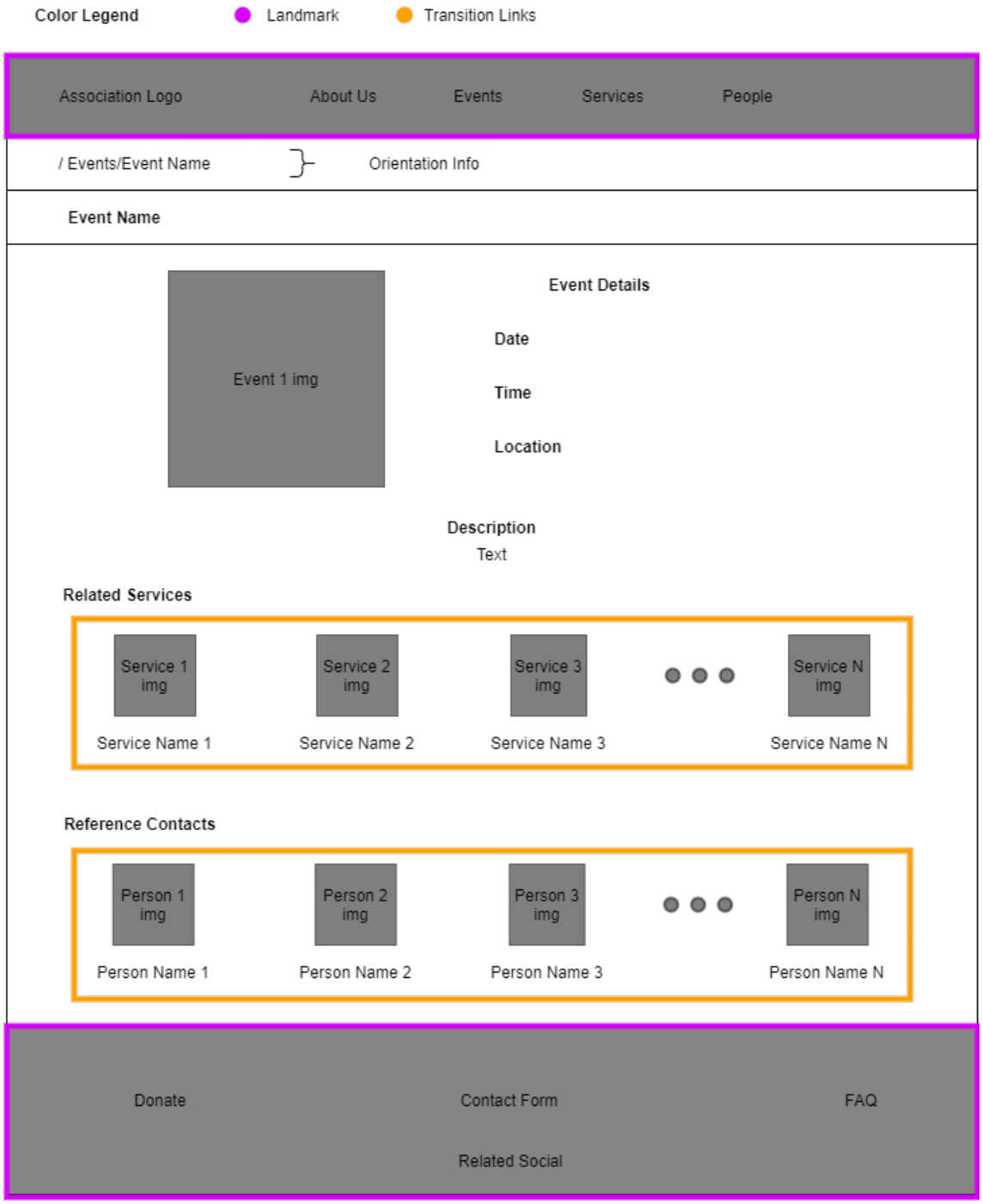

Figure 8: Event Page - Design in the small

4.6 Services Topic

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.

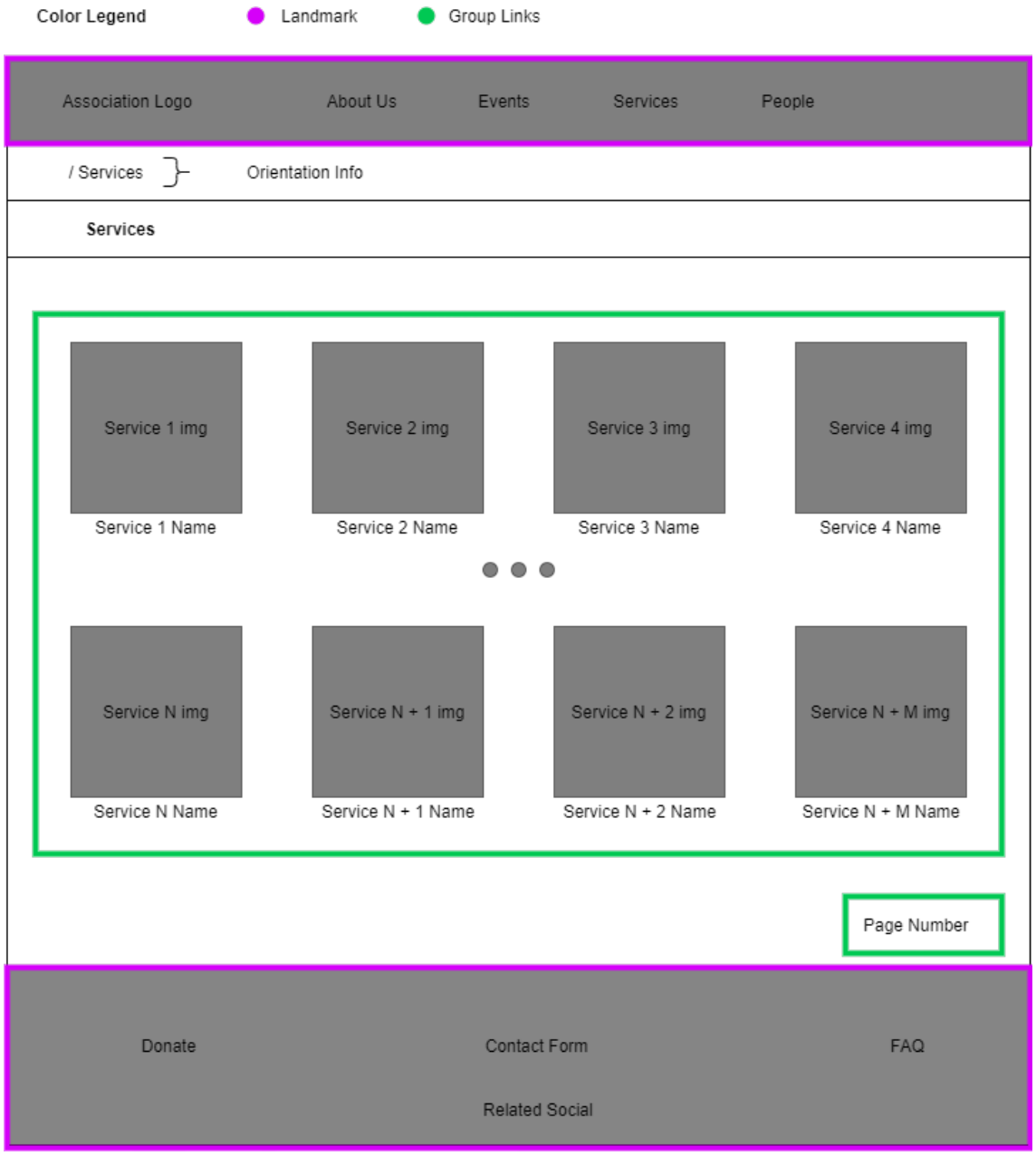

Figure 9: Services Page - Design in the small

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.

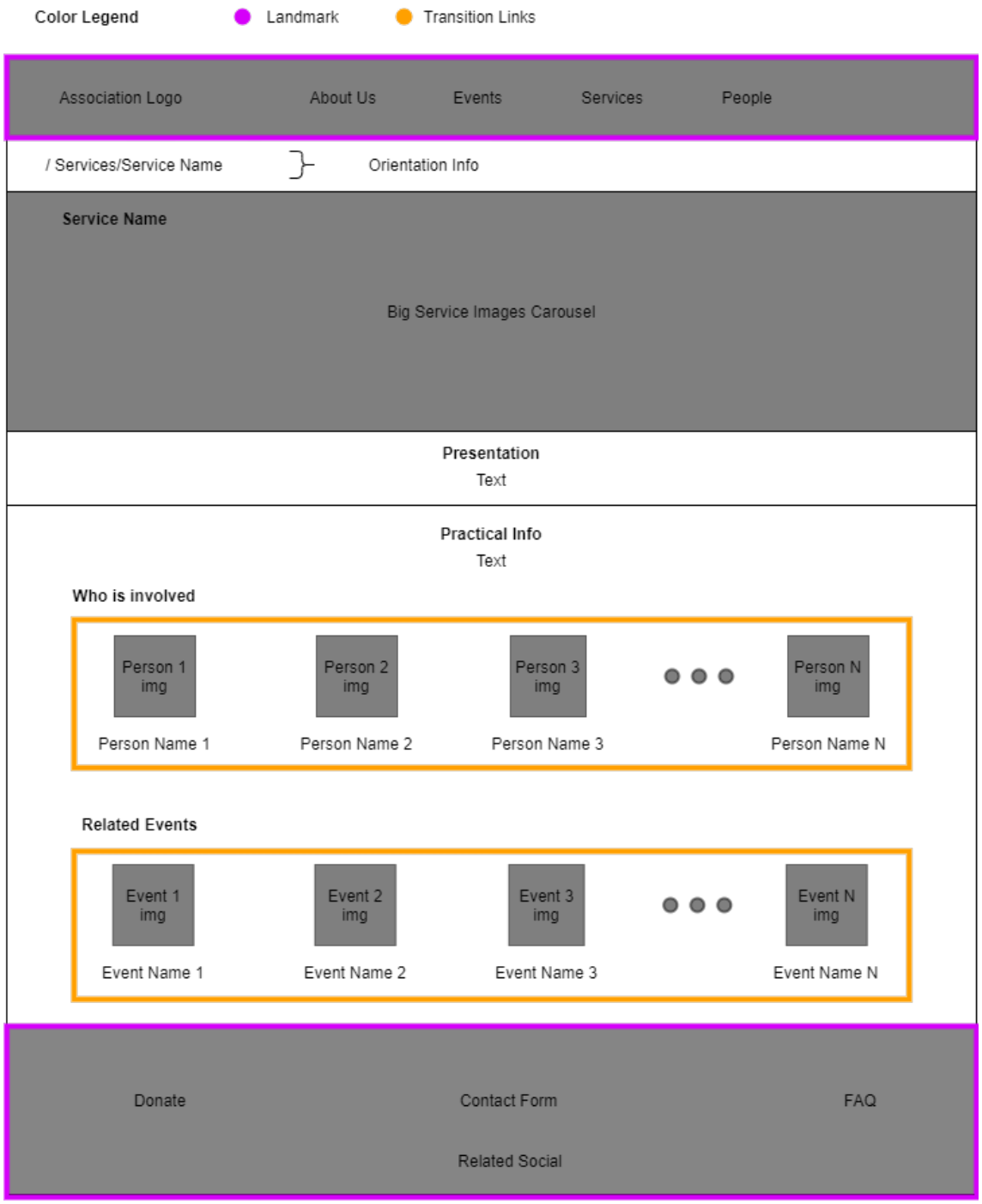

Figure 10: Service Page - Design in the small

4.7 People Topic

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.

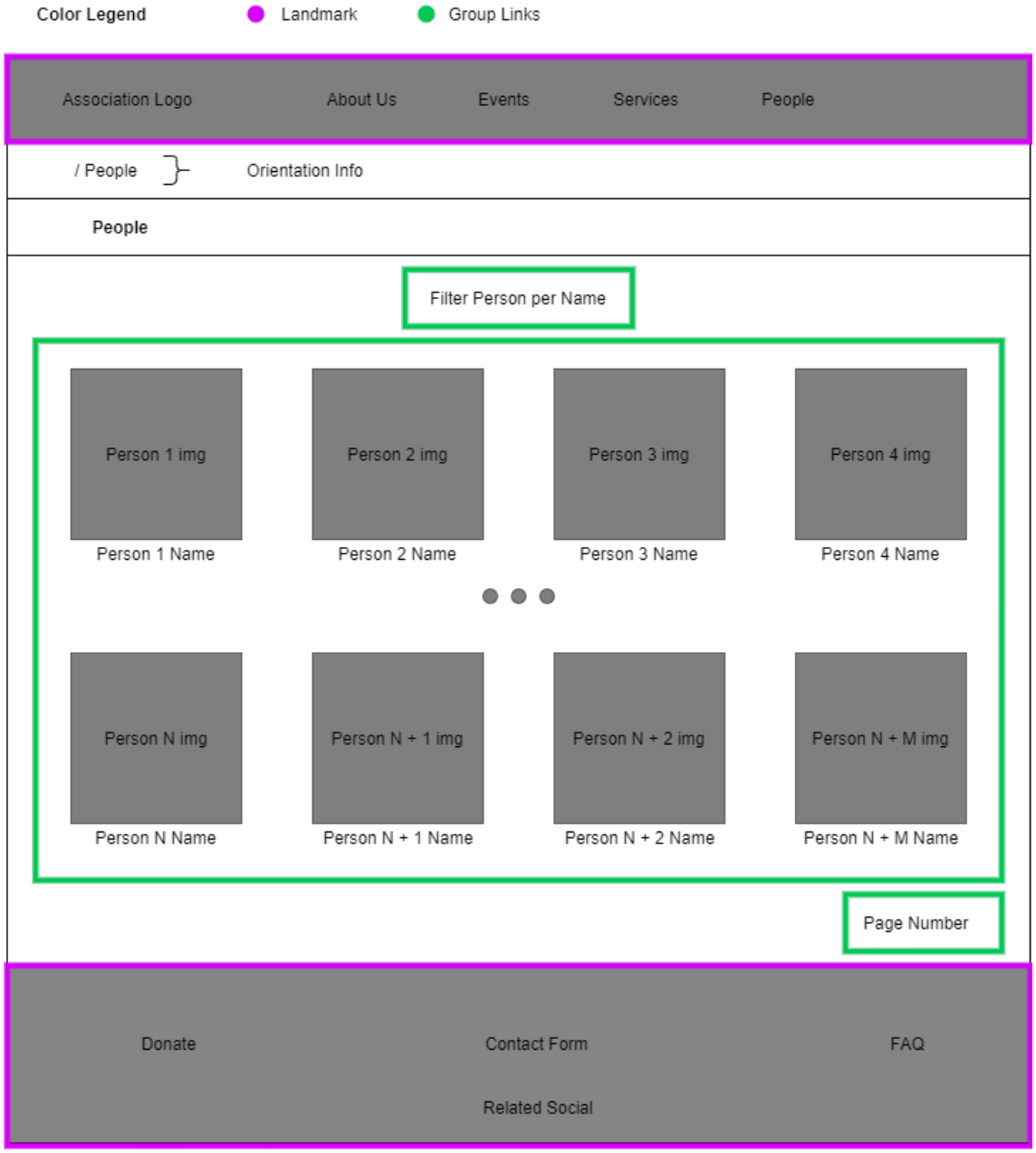

Figure 11: People Page - Design in the small

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

- all person's information stored into the database such as the contact image, anagraphics 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.

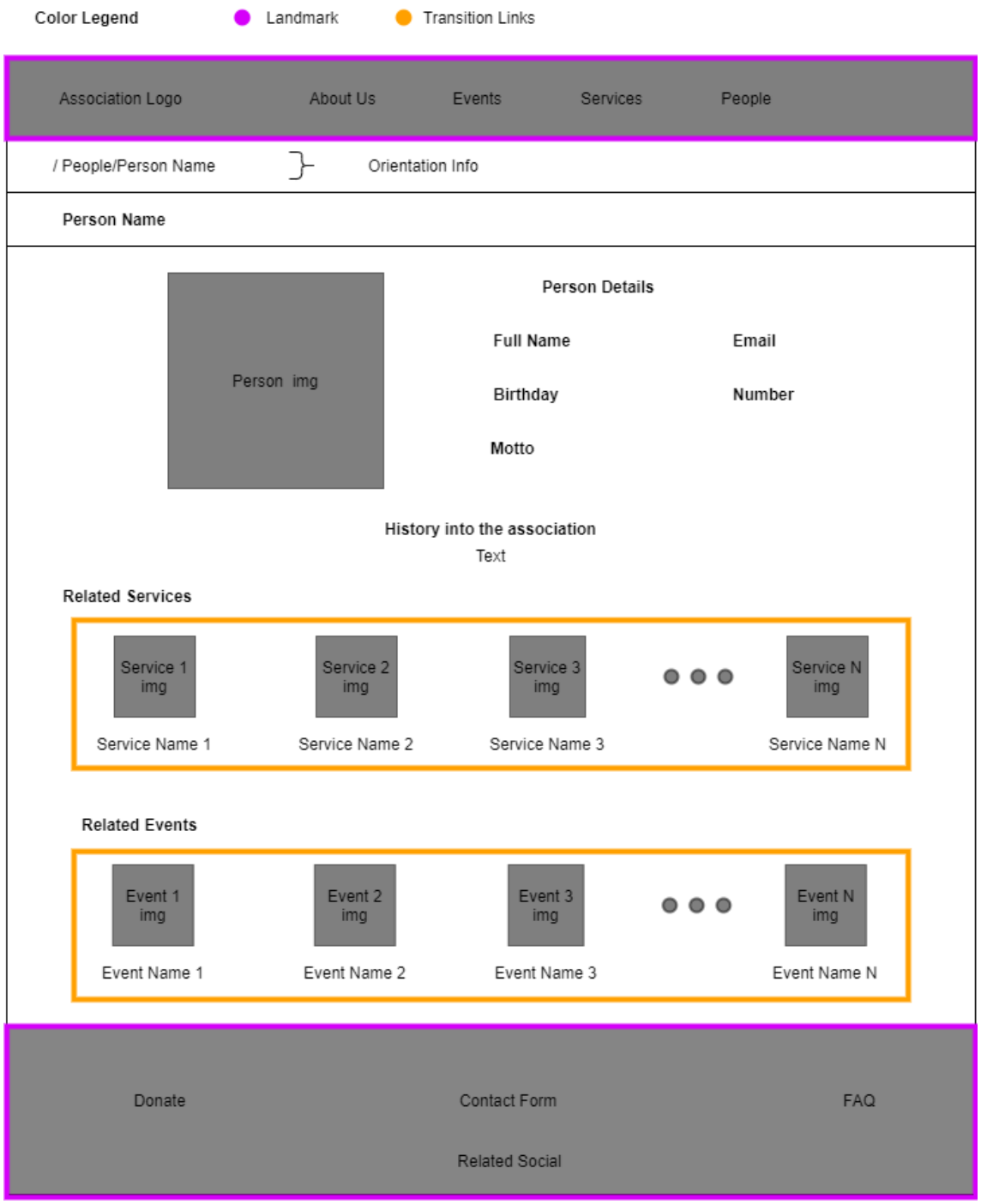

Figure 12: Person Page - Design in the small

5 Database Design

5.1 Entity Relationship Diagram

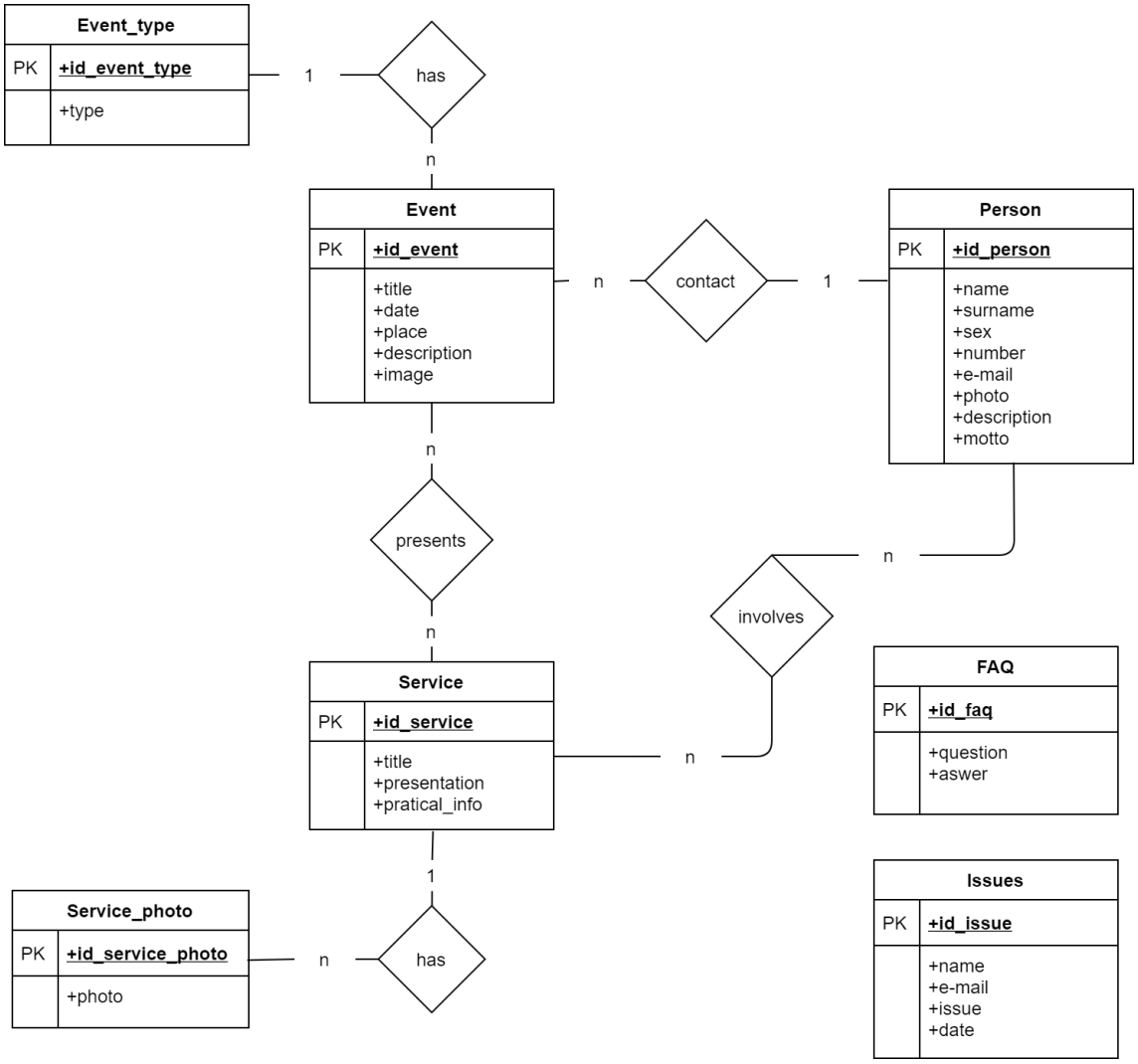

Figure 13: Relationa database structure

5.2 Logical Design

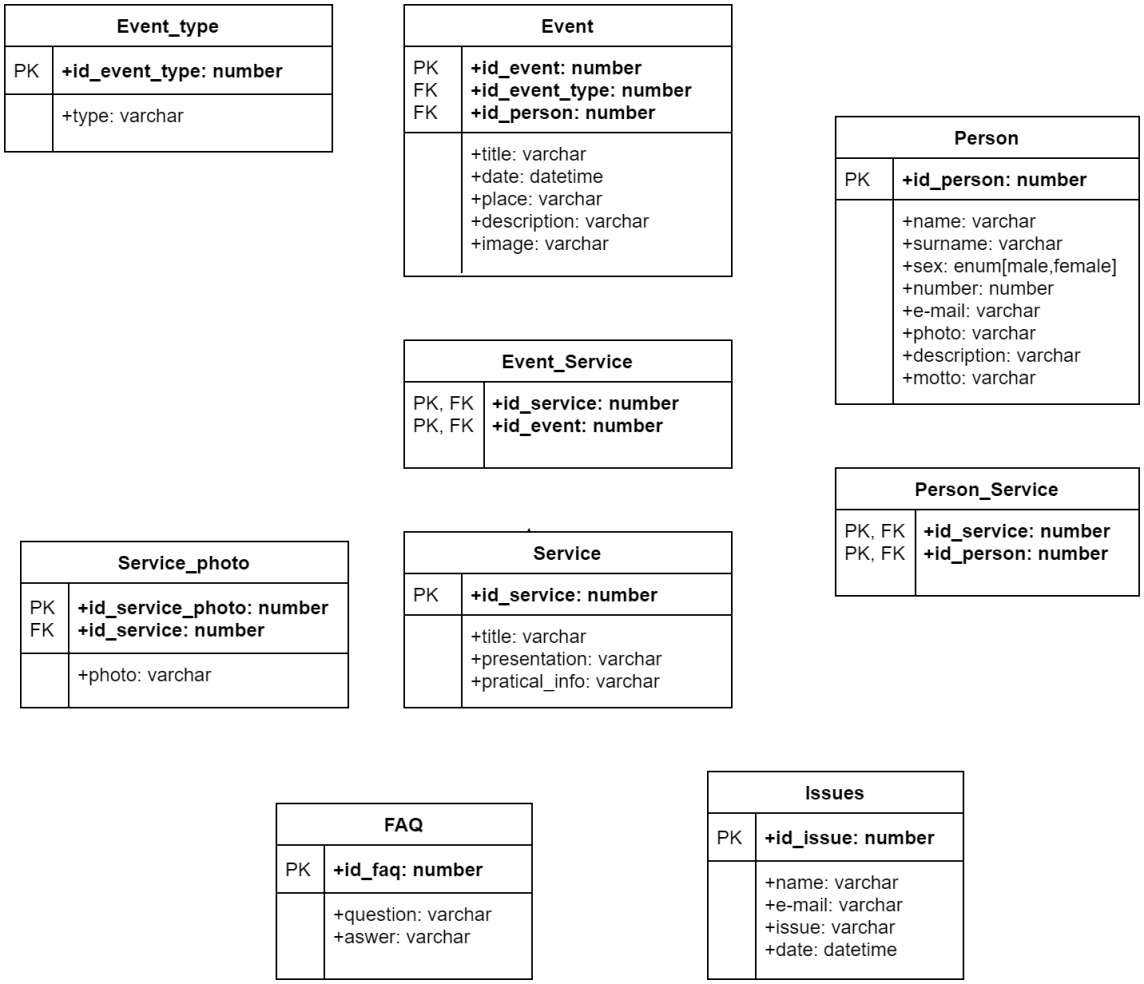

Figure 14: Logic Diagram