

IDM Exercise 1

Case study: A Large, Resort-like hotel

Assignement:

- build the IDM documentation (graphical and textual specifications, including pages sketches) of a web site for **POLIRESORT** - a (fictitious) **4 stars resort on the sea** that offers a variety of services and structures

POLIRESORT: assumptions

- The web side is intended to be used on **stationary** devices (laptops, desktops, kiosks)
- **End-users** (Resort main Target Clients):
 - Medium-high level people (including families) looking for a short period of relax and particularly interested in sport, wellness, good food, pleasant environment...
 - Couples - to organize their wedding or family anniversaries)
 - Companies – to organize large meetings, conventions, events
- Main **goals** of the application
 - from the perspective of the **hotel management**:
 - **Promotion**: to promote the resort and its services (creating good reputation and trust in the resort)
 - **Information**: to present all services and structures available, highlighting all to possibilities offered and pinpointing their variety and quality
 - from the perspective of the **end-users**: to get all information needed to plan an event or a short holiday in the resort

POLIRESORT: MAIN CONTENTS

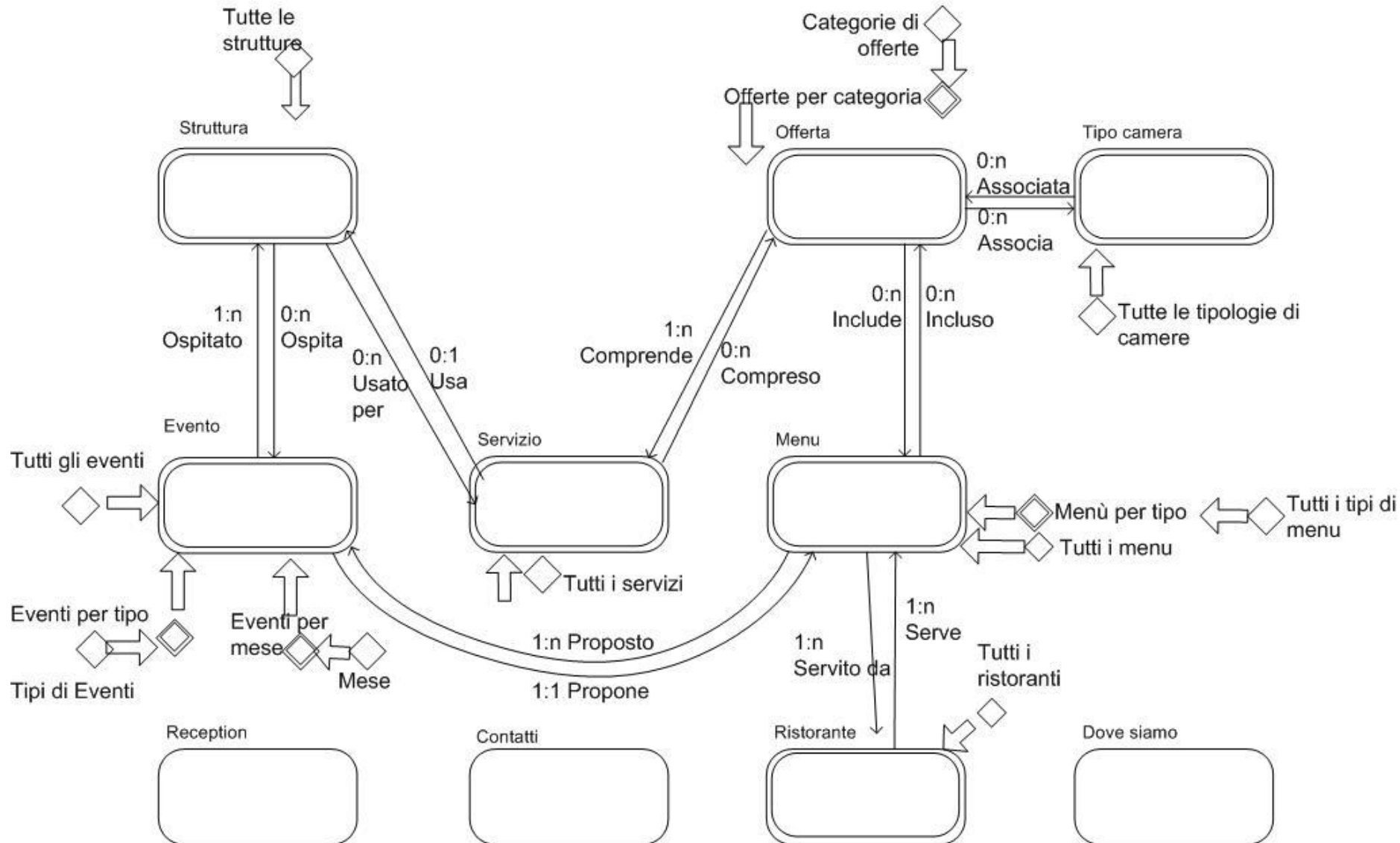
KIND OF TOPICS

- **Struttore - Structures** (e.g., swimming pools, tennis courts, soccer court, volley court, meeting rooms, disco, reception rooms, wellness center,)
- **Servizi = Services** (e.g., massage, beauty treatment, personal training, baby-sitting, children animation, tennis lessons, swimming lessons, bridge competitions,)
- **Eventi = Events** taking place at the resort, month by month (e.g., weddings, conferences, meetings, “special” courses during weekend, “special” evenings, ...)
- **Offerte = Special Offers** (e.g., “anniversary weekend”, “family week package”, “San Valentino Special”, “bridge week”, ...)
- **Tipi di camera = Room Types** (e.g., suite, junior suite, “romantic”, double-normal, double-extra large, four-bedrooms, ...)
- **Ristoranti = Restaurants** (e.g., on-the-wood, on-the-beach, terrace, ...)
- **Menus** offered by the different restaurants, or selected for different events

SINGLE TOPICS

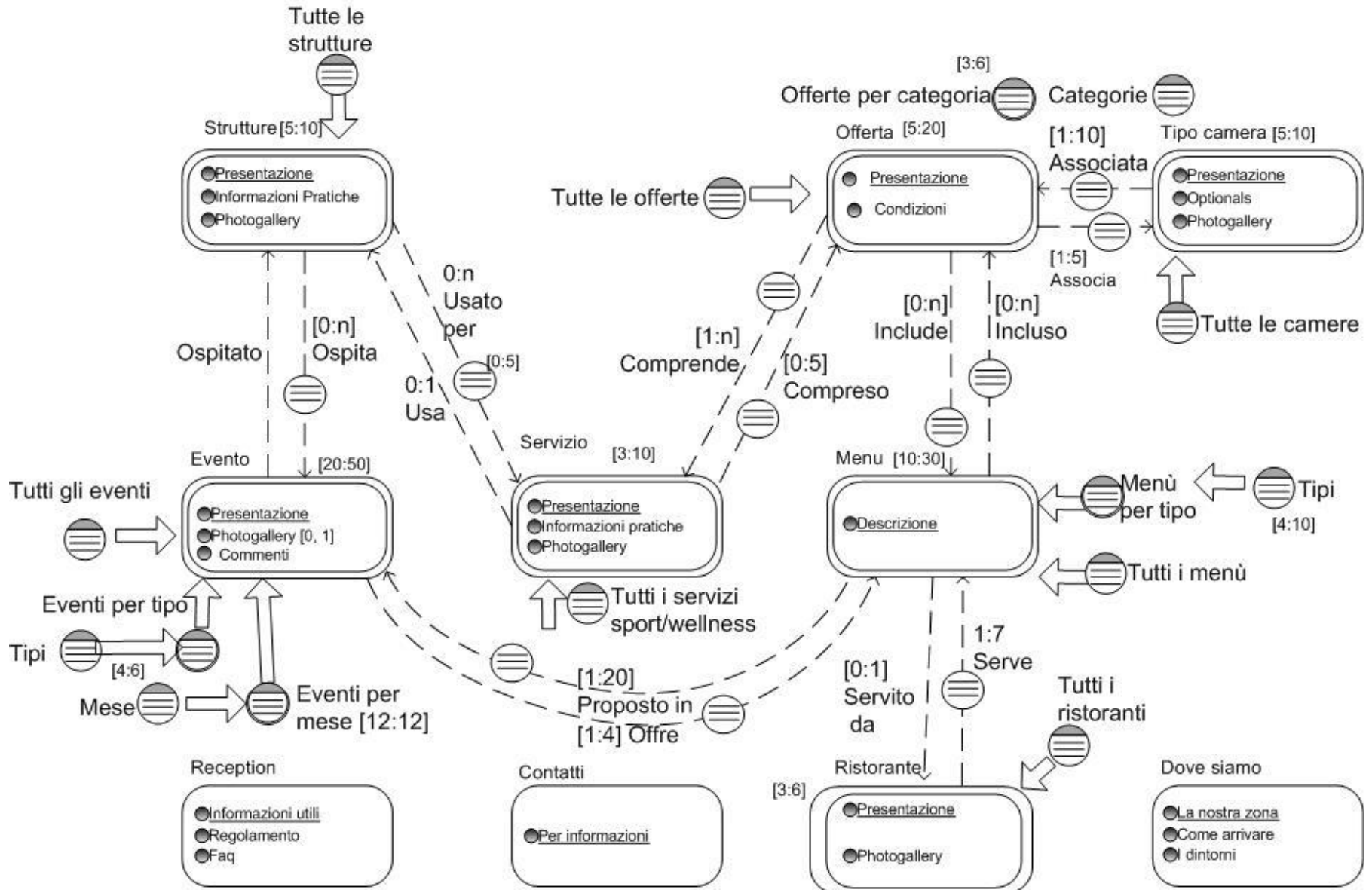
- **Reception, Contacts, Where we are**

C-IDM Schema - Polimi Resort



L-IDM Schema

Polimi Resort



POLIMI Resort: P-IDM schema

Refreshing and detailing some notation...

Topic Page containing **SEVERAL** Content Dialogue acts for the same topic, or several Introductory Acts

Set of links (with pattern P): Double line or fat arrow



P

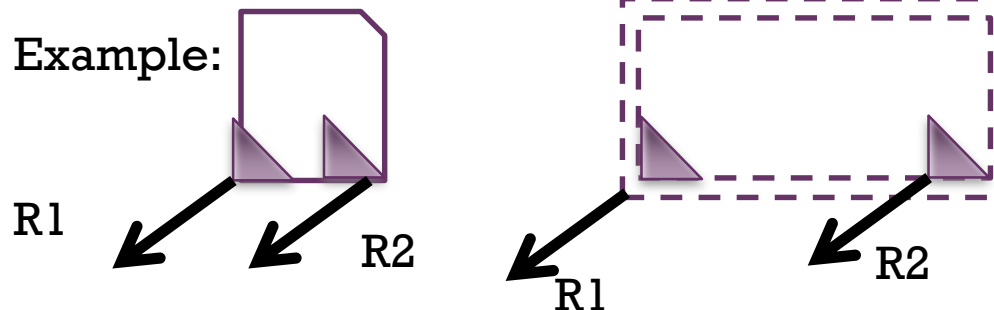


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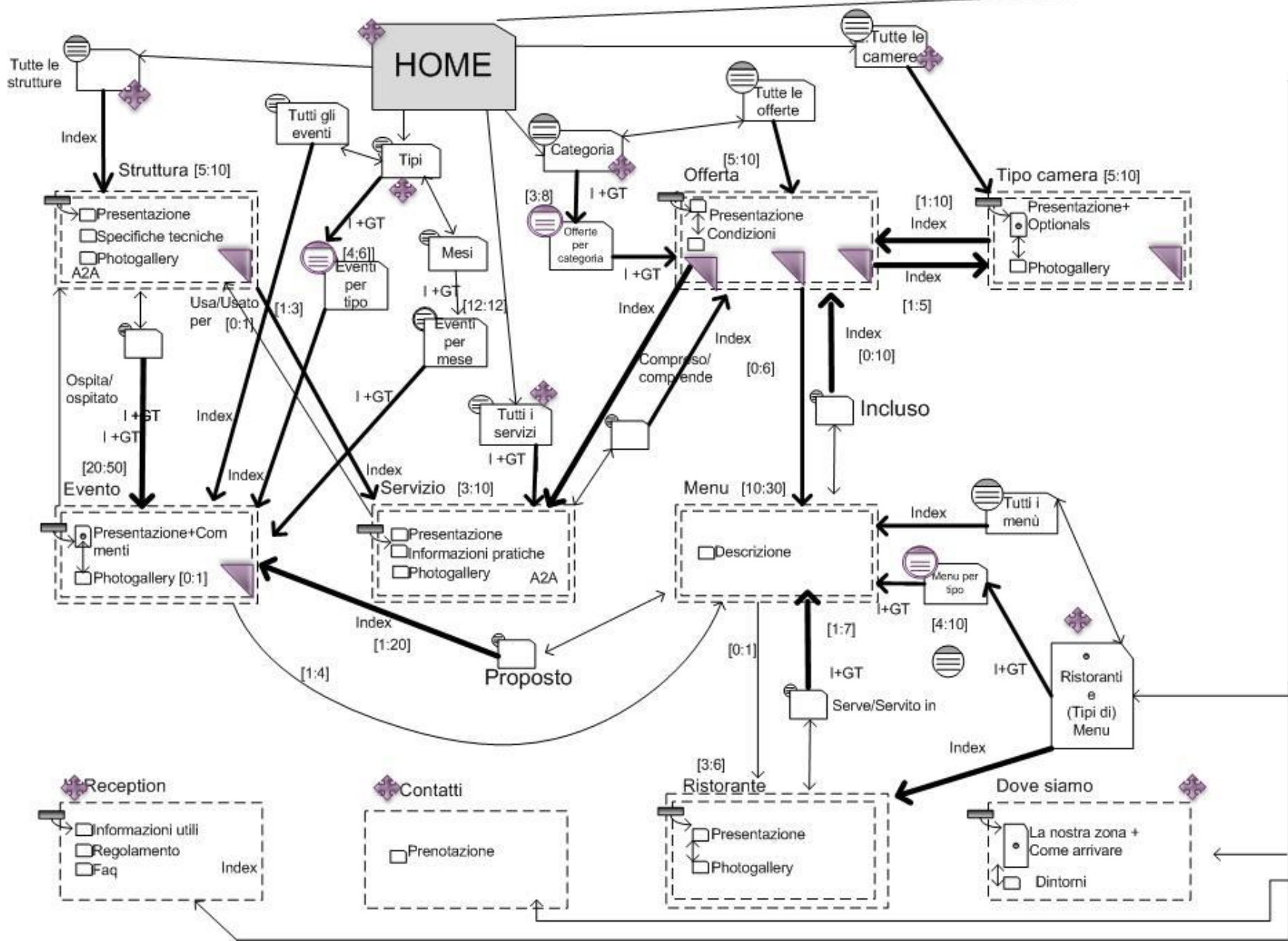


▲ To put a Transition Act **INSIDE** a Topic Page or inside **all** Topic Pages for the same topic Group of Pages. The links for the Relevant relationship is put close to the symbol ▲


Example:



Schema P-IDM Polimi Resort



Some observations on P-IDM

- Some links have been created that connect some top level introductory pages in order to improve accessibility and to reduce the number of landmarks e.g.
 - between Types of Events page – landmark, and All Events
 - between Types of Events page – landmark, and Months (from which to select events of a given month)
 - between Categories of Offers – landmark, and All Offers
- In three cases L-IDM dialogue acts have been merged, e.g.,
 - “Tipo Camera” (Type of Room): Content Dialogue Acts Presentation and Optionals have been merged
 - “Dove siamo” (Where we are): Content Dialogue Acts La nostra Zona (Our area) e Come arrivare (How to get here) have been merged
 - Introductory Acts “All Restaurants” and Menu Types have been merged in a single page
- Some transition acts have been embedded in all pages of a Topic which is the source of a relevant relationship, e.g. Event, Structure, and Offer
- The symbol  is omitted when the topic includes one page only

exercise

CREATE SOME IN THE SMALL SPECIFICATIONS FOR THE
PAGES IN THE P-IDM SCHEMA

Landmark N/Label

Structural/Semantic/Group Link 1/Destination
Preview (if needed)

Structural/Semantic/Group Link N/Label

Structural/Semantic/Group Link L/Destination
Preview (if needed)

Attribute M