

# HYP 2017-18

## Project Instructions - Part 1.1: Design

### Workflow

Consider the theme assigned for your exam session and the **C-IDM textual specifications**. Look at examples of web sites on similar themes.

- **Design in-the-large:** Create the **graphical representations of C-IDM schema, L-IDM schema, and P-IDM schema**; The **C-IDM** schema must be consistent with the C-IDM textual specifications; all schema must be mutually consistent
  - o remember to include **CARDINALITY** in C or L IDM schemas and **navigation patterns** in P-IDM;
  - o add some textual description (only if relevant)
- Describe **2-3 scenarios TEXTUALLY**; For each scenario, imagine on the P-IDM schema how it be executed on your P-IDM pages;
- **Design in-the-small:** create the in-the-small specifications of the **main** pages of your P-IDM schema, using either a page-like representation or a table-like representation (see “Design-in-the-small slides”); these pages are those involved in your scenarios
- **DB design:** describe the E-R diagram and the relational tables for the main pages
- Report your work as described in the next section

### *Examples of Design in the small specs*

Multiple TOPIC Type: < Painting>; Dialogue Act: Overview																																																			
<div><div><div>Landmarks</div><div>Brera Pinacoteca</div><div>Visit Collection Events Education Calendar Support Us</div><div><div>&gt; Provenance</div><div><div>Title : Author : Date : Object Type and material: Dimension: Inventory Num:  Description: Max 200 words</div></div><div><div>&gt; About the author</div><div><div>Location: Room R (see map)</div></div></div></div><div><div>NEXT / PREVIOUS Painting in Period X</div><div>Related Paintings in the same period</div><div>Related Paintings of the same author</div><div>Related Paintings of the same room</div></div></div><div><div>Orientation Info</div><div>You are in «Paintings of the Period X»</div><div>Group Links</div></div></div>	<table><tr><td colspan="5">TOPIC/KIND OF TOPIC/ (MULTIPLE) GROUP NAME/ PAGE NAME</td></tr><tr><td colspan="5">LANDMARKS</td></tr><tr><td>Landmark 1/Label</td><td></td><td></td><td></td><td>Landmark N/Label</td></tr><tr><td>...</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5">Structural/Semantic/Group Links</td></tr><tr><td>Structural/Semantic/G roup Link 1/Label</td><td>Structural/Semantic/G roup Link1/ Destination Preview (if needed)</td><td></td><td>Structural/Semantic/ Group Link N/Label</td><td>Structural/Semantic/G roup Link L/Destination Preview (if needed)</td></tr><tr><td colspan="5">Main Content</td></tr><tr><td>Attribute 1</td><td></td><td></td><td></td><td>Attribute M</td></tr><tr><td colspan="5">Orientation Info</td></tr><tr><td colspan="5"></td></tr></table>	TOPIC/KIND OF TOPIC/ (MULTIPLE) GROUP NAME/ PAGE NAME					LANDMARKS					Landmark 1/Label				Landmark N/Label	...					Structural/Semantic/Group Links					Structural/Semantic/G roup Link 1/Label	Structural/Semantic/G roup Link1/ Destination Preview (if needed)		Structural/Semantic/ Group Link N/Label	Structural/Semantic/G roup Link L/Destination Preview (if needed)	Main Content					Attribute 1				Attribute M	Orientation Info									
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Design in-the-small: Page-like representation	Design in-the-small: Table-like representation																																																		

## What to report and deliver

The deliverable of this part of the exam consists of a **Design document** that includes the following sections:

1. *Cover*: Title + Group members with names and email + Delivery date
2. *Abstract* (3-5 lines that describe what the document is about)
3. *Graphical representations*: **C-IDM** schema, **L-IDM** schema, and **P-IDM schema**;  
(optional) *SHORT textual comments*, e.g., on your design solutions, notation (particularly if non-standard IDM elements are used)
4. *Scenarios*
5. *Design-in-the small* of the **main** pages of your P-IDM schema
6. *DB Design* (E-R diagram and Relational Tables for the main pages)

**Put team-members names in footer or header for all pages**; The file **MUST** be named as follows:

*Group-member1 surname, Group-member2 surname, Group-member3 surname-P1-delivery date*

## Where and when to deliver

ALL required material must be delivered on **Beep** on the official exam date **or** by the intermediate delivery date set during the course (May 9)