HYP 2014-15 project – PART 1

IDM C/L/P design + interactive mock-up (June-July 2015)

Application: a web site for a large gym

From C and L-IDM textual specifications described in the next pages
- Create the **graphical representations of**
  - **C-IDM** schema, **L-IDM** schema, and **P-IDM schema**
- Using the fast prototyping tool presented during the course, create an **interactive mock-up** for the **entire** application. We must provide an set of navigable interactive "screens" for
  a. all "single" pages defined in the P-IDM schema (pages corresponding to dialogue acts of single topic or groups)
  b. examples (1-3) of each page "type", rendering the dialogues acts for multiple topics, multiple groups, relationships). .

It is mandatory to use REALISTIC (multimedia) content (in English or in Italian) in the mock-up pages. Quality of contents as well as consistency among schemas and between P-IDM schema and mockup are fundamental evaluation criteria.

GENERAL RULES:
- This is the first part of the project that must be delivered to pass the exam. It is strongly recommended to work in group (max 3 persons); the group must be the same for the whole project (part 1 and part 2). Part 2 will be presented in a separate document at due time
- The required material must be delivered on Beep, in a **single .zip file** , comprising
  - C+L+P-IDM schemas (.doc or .ppt file)
  - Interactive Mock-up
- **Each** file **must** be named as follows:
Group-member1 surname, Group-member2 surname, Group-member3 surname-P1-delivery date.extension (e.g., .doc, .zip)

2. The names and student IDs of ALL group members must appear on the **header** of the schema document

Deadlines:

Delivery during the course – see course schedule
Delivery in the official exam dates: **together with part 2**, by the time and date of an official exam

CONCEPTUAL DESIGN – TEXT VERSION
Topics, Kind of Topics, Relationships, and cardinality

SINGLE TOPICS
1. **OUR GYM**
2. **Location**
3. **Testimonials**
4. **Overall schedule**
5. **FEEs and registration**
6. **Our Equipment**

MULTIPLE TOPICS
1. **Instructor [10-30]**
2. **Course [20-50]**
3. **Course category [10]**
4. **"Room" [10]**

RELATIONSHIPS
1. **Training:** **Instructor → Course [2, 5]**
2. **Trainer:** **Course→Instructor [1, 1]**
3. **Offer:** **Course category →Course [5, 10]**
4. **Belongs-to:** **Course → Course category [1]**
5. **Staff_1:** **Course -> Instructor [1-2]**
6. **Teaches_1:** **Instructor -> Course [3-6]**
7. **Staff_2:** **Course category -> Instructor [2, 5]**
8. **Teaches_2:** **Instructor -> Course Category[1-2]**
9. **Where:** **Course -> "Room"[1-1]**
10. **Held-here:** **"Room"-> Course [5-10]**

MULTIPLE GROUPS
1. **COURSES by *COURSE CATEGORY* [10]**

GROUPS
1. **ALL INSTRUCTORS**
2. **ALL "ROOMS"**
3. **ALL COURSES – Alphabetic order**
4. **ALL COURSES – By- Level**
5. **ALL COURSE CATEGORIES**
6. **INSTRUCTORS OF THE MONTH**

"SPECIALS" (optional)
- *Form for general request of info*
- *Form for subscribing the newsletter*
- *Form for subscription to general entrance*
- *Form for enrollment (for each course)*

*** *Please notice that these are "data entry" elements which do not correspond to any "official" IDM primitive. Still, many web sites include "input" pages like the ones above. Including pages of this kind in the P-IDM and mock up is optional.*

CONCEPTUAL DESIGN – Content specifications

SINGLE TOPICS
1. **Our Gym**
   Overview, welcome, and brief history of the Gym, outlining its social value; overview of the gym space; contact info
   < text, images, video of the founder>
2. **Location**
   Address, instruction to get here, map
   < text, images, map>
3. **Testimonials**
   4 important former customers assessing the quality of the Gym and its relevance in their life
   Motivation: testimonials are attractive and valuable for new customers
   <very brief text and 4 video interviews, 2 minutes each>
4. **Our equipment**
   General and convincing description of our equipment
   <detailed text and a picture for each piece of equipment>
5. **Overall schedule**
   Opening times and overall philosophy of calendar.
   <short text, diagrams, tables>
6. **FEEs and registration**
   o General instruction for registration (and, optional, access to the forms on-line for general entrance - *see note *** in page 2*

MULTIPLE TOPICS
1. **Instructor**
   Short bio, professional qualifications, prizes and awards
   <a thumbnail, a few pictures, text>
2. **Course category**
   E.g. Spinning, Pilates, Aerobic, GAG, ..
   What is about, origins (who invented it, why, ..), what is good for, who should practice it
   <Text, images, video, interviews>
3. **Course**
   Mini description, target, identification of room instructor and schedule, special features (for those courses that have them)
   <3-4 pictures, thumbnail of the instructor, room , narrative text, diagram for scheduling>
4. **Room**
   <some pictures of the room + map where the room is highlited>

MULTIPLE GROUPS
1. COURSES by *COURSE CATEGORY* [10]
   List of courses of a given category, in alphabetic order (with info about course category and level – e.g., basic, medium, advanced).

GROUPS
1. **ALL INSTRUCTORS [50]**
   All the instructors arranged in alphabetical order. Few data and a thumbnail for each of them.
   It includes a strong and convincing introduction outlining the overall quality of the instructors as the quality of the instructors is a specific asset of the Gym
2. **ALL ROOMS**
3. **ALL COURSES- Alphabetic level**

List of courses in alphabetic order (with info about course category and level – e.g., basic, medium, advanced). It includes a brief introduction outlining the overall quality of the courses

4. **ALL COURSES- By level**

All courses grouped according to the levels (e.g., basic, medium, advanced); for each level ordered by category. It includes a brief introduction outlining the overall quality of the courses

5. **ALL COURSE CATEGORIES**

This group groups all instances of Kind of Topic "Course Category" and all groups "Courses by Category" It includes an introduction about the richness and varieties of categories covered by the GYM; All categories in alphabetical order; name and an icon for each of them

6. INSTRUCTORS OF THE MONTH [5]

*introduction explaining what is the idea of "instructors of the month"

5 instructors selected each month. For each of them: Picture + 2-3 lines of motivations

LOGICAL DESIGN –TEXT VERSION

CONTENT DIALOGUE ACTS

SINGLE TOPICS
2. **BIG GYM**
   - *A DIFFERENT PLACE*
   - *OUR HISTORY*
   - *OUR SPACES*
   o *INFO_REQUEST: Form for general request of info, with option for subscribing the newsletter(optional) – see note *** in page 2*

3. **LOCATION**
   - *WHERE*
   - *CONTACT US*
4. **Testimonials**
   - *TESTIMONIALS*
5. **Our equipment**
   - *THE BEST EQUIPMENT*
6. **Overall schedule**
   - *OVERALL SCHEDULE*
7. **FEEs and registration**
   - *OUR RATES*
   o *REGISTER: Form for subscription to general entrance (optional) – see note *** in page 2*

MULTIPLE TOPICS
1. **Instructor [10-30]**
   - INSTRUCTOR
   - [AWARDS] ***optional** dialogue act only for those instructors who have won awards*
2. **Course category [10]**
   - COURSE CATEGORY
3. **Course [20-50]**
   - COURSE DESCRIPTION
   - SCHEDULING
   o REGISTER : *Form for enrollment in the course (optional) see note *** in page 2*