Delivery of Part 1 HYP 2014-15 Project
"a website for a large gym"

Hypermedia Applications (Web and Multimedia)
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In the first part of the project I deliver the C/L/P IDM schemas that I designed.

The goal of the project was to retrieve, from C and L-IDM textual specifications the graphical representations of C-IDM schema, L-IDM schema, and P-IDM schema.

The schemes were all done with the OmniGraffle tool , available on Mac OS X (https://www.omnigroup.com/omnigraffle).

Please note that I used the first version of the specification since I started my work as soon as the specifications were delivered.
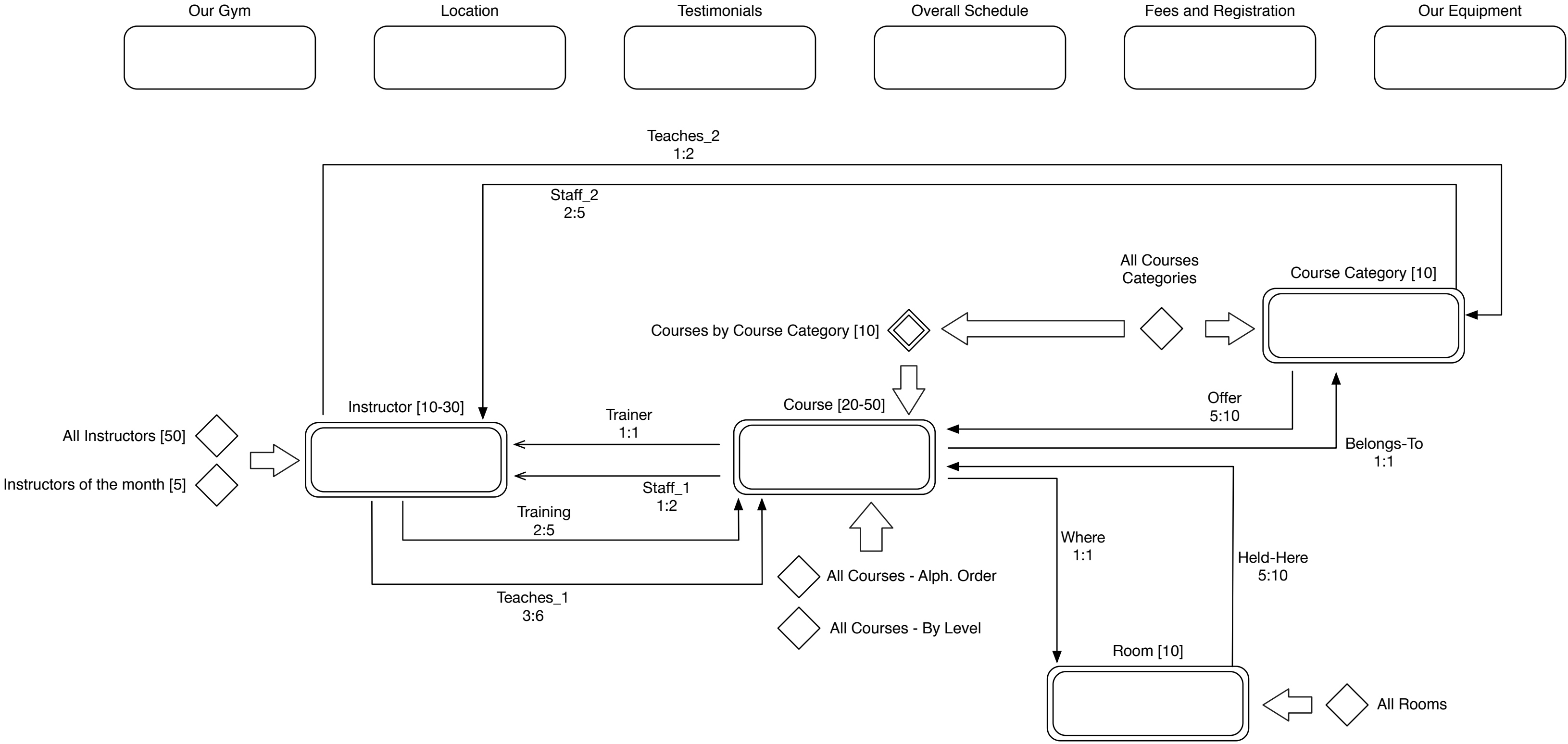
In the next pages you will find the C/L/P-IDM schemas and some notes when needed.

In the second part of this delivery I created an interactive mock-up for the entire application. Also this was built using Omnigraffle and it's delivered as HTML pages. Please click on the index.html file inside the corresponding folder to open the homepage of the mockup.

I decided to use realistic Italian content for the mockup pages, some text were written by myself, others were copied from existing websites.

The C-IDM here reported is a 1:1 translation of the textual specification. No changes were made.
As you can see, all the relations of the first version of the specifications are drawn: I interpreted the Staff_1 relation as a "primary staff" for the course and the Staff_2 relation as an additional "support staff", you will see from the mock-up how I rendered it in the prototype.
The "Trainer/Training" relationship was interpreted as the "official" instructor for the course.

C-IDM

Our Gym

Location

Testimonials

Overall Schedule

Fees and Registration

Our Equipment

Teaches_2
1:2

Staff_2
2:5

All Courses
Categories

Course Category [10]

Courses by Course Category [10]

Offer
5:10

Belongs-To
1:1

Instructor [10-30]

All Instructors [50]

Instructors of the month [5]

Trainer
1:1

Course [20-50]

Staff_1
1:2

Training
2:5

All Courses - Alph. Order

All Courses - By Level

Teaches_1
3:6

Where
1:1
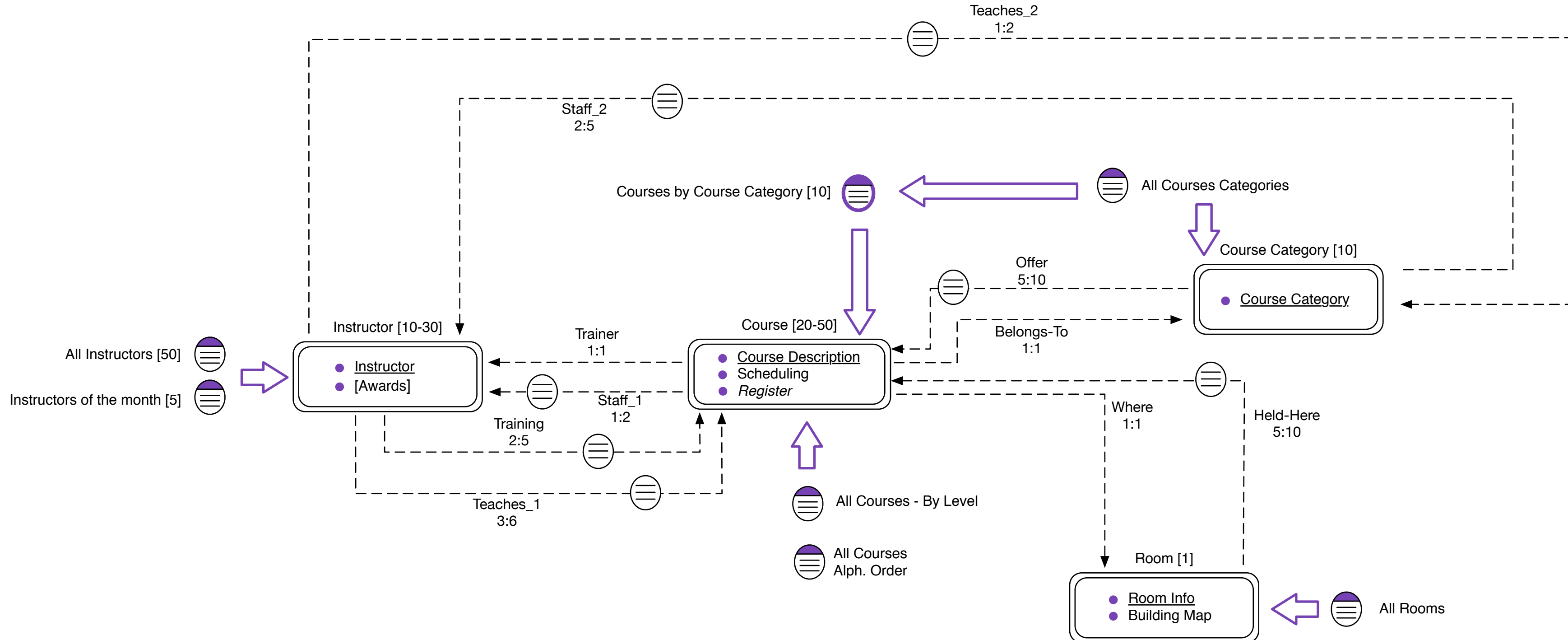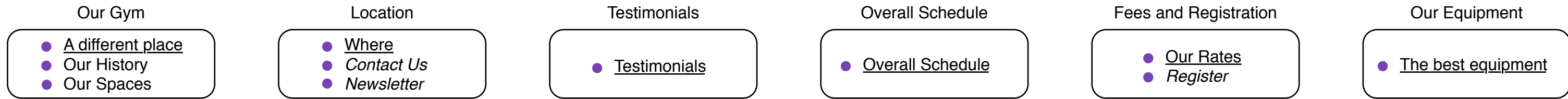
Held-Here
5:10

Room [10]

All Rooms

The L-IDM that derives from the specifications is reported.
As you can see, I decided to put all the input forms and they're highlighted by writing them in italic.

Since forms were optionals, I moved the "INFO_REQUEST" form from the single topic "BIG GYM" to the "LOCATION" single topic since it seemed redundant from the specifications, in particular we will find in this second single topic both the "Contact us" dialogue act and the "Newsletter" one.

In the "Instructor" multiple topics, the "Awards" dialogue act is optional and for this reason is written with brackets.

L-IDM

Our Gym
- A different place
- Our History
- Our Spaces

Location
- Where
- *Contact Us*
- *Newsletter*

Testimonials
- Testimonials

Overall Schedule
- Overall Schedule

Fees and Registration
- Our Rates
- *Register*

Our Equipment
- The best equipment

Teaches_2
1:2

Staff_2
2:5

Courses by Course Category [10]

All Courses Categories

Course Category [10]
- Course Category

Offer
5:10

Belongs-To
1:1

Instructor [10-30]

All Instructors [50]

Instructors of the month [5]
- Instructor
- [Awards]

Trainer
1:1

Course [20-50]
- Course Description
- Scheduling
- *Register*

Staff_1
1:2

Training
2:5

Teaches_1
3:6

All Courses - By Level

All Courses
Alph. Order

Where
1:1

Held-Here
5:10

Room [1]
- Room Info
- Building Map

All Rooms

In the P-IDM schema I decide to make landmarks where appropriate. The landmark is not present in the "Testimonials + Our Equipment" page since I thought that was not so relevant to put the link in all pages, only the home page has the link to this page.

In the P-IDM I marked some pages with a special symbol, made of three bold grey lines to highlight the input forms.

In the P-IDM some changes were obviously made, here I list all of them:

- "Testimonials" and "Our equipment" were grouped together
- "Room Info" and "Building Map" were grouped, since every room will have his map with the room itself highlighted
- "Overall Schedule" has multiple links, with index navigation pattern to "Course" since every course of the timetable will link to the relative course page
- "Instructor" and "Awards" were merged since Awards is very often optional and it will probably limits to 1 or 2 entries
- "All courses categories", "All courses - alphabetical order" and "All courses - By level" were linked together (in an all to all way) since they will be a dynamic table that updates accordingly to user interaction (see the mockup). The landmark sits only on "All courses categories" since it will be the first page the user will see when clicking on the link.
- Some transition page were deleted from the scheme, for example I included in "Room" or in "Instructor" the list of the courses, in "Instructor of the Month" I included the list of the instructors and in "Course Category" I list all the courses belonging to a specific category.

P-IDM

Our Gym
A different place
Our History
Our Spaces
A2A

Location
Where
Contact Us
Newsletter
A2A

Fees and Registration
Our Rates
Register
A2A

Testimonials + Our Equipment

Overall Schedule

All Instructors

Instructor of the Month

I+GT

Room
Room Info + Map
Held Here/ Where

All Rooms
I+GT

Course
Course Desc. + Schedule
Register
A2A

All Courses - By Level
I

All Courses - Alph. Order
I

All Courses Categories
I

Course by Category
I

Course Category
I+GT

I+GT

Staff_1/ Teaches_1

Trainer / Training

Instructor
Instructor [+ Awards]

I+GT

I

Belongs-To/ Offer

Staff_2/ Teaches_2

I

I