

HYP 2016-17 project specifications IDM design and mockup

Version 2

IDM C/L/P design + interactive mock-up

April- July 2017

Subject: a (multichannel) web site for a clinic

General requirements

The web site is for a small-medium multi-center clinic providing different health services (diagnosis, visits, day-hospital therapies). The main categories of stakeholders and needs addressed by the application are listed below:

STAKEHOLDERS	NEEDS
The clinic	Branding Promotion of services Recruitment of new patients Support to existing patients Fidelization of existing patients
Prospect patients	Getting to know the available services Support to decision making (in order to choose if this is the right clinic to choose for a given health requirement) Support to all operations related to the use of the services (e.g., reservation, access to personal records, health insurance conventions)
Current patients	Support to all operations related to the use of the services (e.g., reservation, access to personal records, contacts with specialists, health insurance conventions)

Instructions

This assignment is the first part of the Design Project. The second part of the Design Project is a usability exercise that will be described in a separate document. It is strongly recommended to work in group (max 3 persons); the group must be the same for both the Design and the Technology project. Part 2 will be presented in a separate document at due time

What to do

(see also slides)

Taking into account the general requirements stated in the previous page, and the textual specification of C-IDM described in the next page:

- Taking into account the general requirements of the projects:
- Create the **graphical representations of C-IDM** schema, **L-IDM** schema, and **P-IDM schema**
- Create “**sketches**” (hand-drafted) or “**low-fidelity**” **wireframes** for the **main** pages of your P-IDM schema; include **COMMENTS** (as side annotations or inside the sketch or wireframe elements) about the meaning of the various elements
- Define 1-3 **scenarios** and describe them textually
- Create an **interactive mock-up**; this must be consistent with the sketches/low-quality wireframes and must enable the execution of the scenarios

CHOOSE THE WIREFRAMING/MORCKUPING TOOL YOU PREFER; Some of them are by-payment services only; most have 1 week- 1 month trial versions

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.

Suggestions:

1. Identify and inspect some similar web sites (e.g., http://www.cdi.it/it/hp_it.html) . You do not have to design and prototype an exact copy of this or similar web sites. These are used for inspiration and for finding examples of relevant contents that will be included in your project web site.
2. For each scenario, define on the P-IDM schema how it be executed on your P-IDM pages, then build the mock up accordingly.

What to deliver

The deliverable of this part of the exam consists of 3 parts:

1. **Design document**
2. **Wireframes**
3. **Interactive mock up** (source and executable file)

1-Design document (.pdf file; also .ppt file if used)

It includes the following sections:

1. *Cover*: Title + Group members with names and email + Delivery date + *Abstract* (3-5 lines that describe what the document is about and the **prototyping** tool used)
2. *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)
3. *Scenarios*: a short textual description of the scenarios defined
4. *Wireframes* : pictures of all your wireframes (more than one wireframe can appear in the same page; include comments if not already embedded in wireframes)

Put team-members names as footer or header in all pages

2-Wireframes

.pdf file + source file (only if wireframes are developed using a digital tool)

The Pdf contains the following sections:

1. *Cover*: Title + Group members with names and email + Delivery date + *Abstract* (3-5 lines that describe what the document is about and the **prototyping** tool used)
2. *Wireframes*: *One per page* (include comments if not already embedded in wireframes)

Interactive mock up

The interactive mock up deliverable consists of the **source file** of the mock up (implemented using the prototyping tool you have decided to use) or a **link to it**

IMPORTANT!

The required material **must** be delivered on beep as a **SINGLE .zip file**

The file **must** be named as follows:

Group-member1 surname, Group-member2 surname, Group-member3 surname-P1-delivery date.zip

Each file inside the .zip should be named with a similar convention, e.g.

Group-member1 surname, Group-member2 surname, Group-member3 surname-P1-delivery date-DESIGN-DOC.extension

Group-member1 surname, Group-member2 surname, Group-member3 surname-P1-delivery date-WIREFRAMES.extension

etc.

Where and when to deliver

The required material must be delivered on **Beep**, during the course or at the official exam dates

- Delivery deadline during the course – see course schedule
- Delivery in the official exam dates: see Poliself

If delivered in official exam dates, the material for the design part MUST be submitted together with the usability study and the technology project

CONCEPTUAL DESIGN (C-IDM) – TEXT VERSION

SINGLE TOPIC

1. WHO WE ARE
2. NEWS
3. FAQ

MULTIPLE TOPICS

1. Locations [2-5]
2. Health Intervention Area (Area for short)[2-10]
3. Health Services (Service for short) [5-20]
4. Doctors [10-30]
5. How to benefit of our services (Practical Info) [5-10]

RELATIONSHIPS

1. Where? Service → Location [1-5]
2. Available here: Location → Service [5-20] (inverse of (1))
3. Area Responsible: Doctor → Health Service Area[0-1]
4. Area Responsibility by: Health Service Area → Doctor [1-1] (inverse of (3))
5. Service Responsible: Doctor → Service [0-1]
6. Service responsibility by: Service → Doctor [1-1] (inverse of (5) [1-1])
7. Services in the Area: Health Service Area → Service [1-10]
8. Area of the Service: Service → Health Service Area [1-1] (inverse of (7))
9. Doctors operating in the service: Service → Doctor [1-10]
10. Doctor's Service: Doctor → Service [1-1] (inverse of (9))

MULTIPLE GROUPS

1. Services by Area [2-5] (each group contains the services in a given area; for example: All orthodontic services)
2. Doctors by Location [5-10] (each group contains the doctors serving in a specific location)
3. Doctors by Area [5-10] (each group contains the doctors serving in a specific area)
4. Doctors by Service [5-10] (each group contains the doctors offering a specific service)

GROUPS

1. All doctors in alphabetic order (example: <http://www.cdi.it/it/medici.html>)
2. All Locations-Services (the *members* of this group are *groups* of services offered in a specific location, i.e., “Doctors by Location” groups)
3. All Locations-Doctors (the *members* of this group are *groups* of doctors serving in a specific location)
4. All Areas-Doctors (the *members* of this group are *groups* of doctors serving in a specific area, i.e., “Doctors by Area” groups)
5. All services-Doctors (the *members* of this group are *groups* of doctors offering a specific service, i.e., “Doctors by Service” groups)

“SPECIALS” (optional)

- Form for general request of info
- Reservation form

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*.