

HYP 2014-15 project – PART 2

Technology Project Delivery

What to deliver and how

What to deliver

The deliverable of the project – part 2 consists of an interactive website + related mobile app. (Phonegap Build)

The interactive website (html + css + javascript + php + sql db) must consider the elements that are highlighted below and include a **HOME PAGE** (header, body, footer...)

SINGLE TOPICS

1. OUR GYM
2. Location + (optional) Google Maps Api (js)
3. Testimonials
4. Overall schedule
5. FEEs and registration
6. Our Equipment

MULTIPLE TOPICS (at least 2 pages per each multiple topic Instructor and Course; groups with more than 2 members must also implement at least one instance of Category)

1. Instructor [10-30] + (optional) Facebook/Twitter Api to provide latest news about the instructor (js)
2. Course [20-50]
3. Course category [10] ONLY for groups with more than 2 members
4. "Room" [10]

RELATIONSHIPS

1. Training: ~~Instructor~~ → ~~Course~~ [2, 5]
2. Trainer: ~~Course~~ → ~~Instructor~~ [1, 1]
3. Offer: Course category → Course [5, 10] ONLY for groups with more than 2 members
4. Belongs-to: Course → Course category [1]
5. Staff_1: Course → Instructor [1-2] for ALL groups
6. Teaches_1: Instructor → Course [3-6] for ALL groups
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)

One of the following

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

Rules

- Organize your website following a tidy structure (styles go in a folder, scripts in another one...)
- Use any UI Framework such as: Bootstrap, JQuery UI, Polymer...
- DO NOT use CMS such as: Wordpress, Joomla, Drupal
- No need to buy a good template, find it online or build it
- Use GitHub for collaborative coding since that will be the tool to deploy a mobile app. with Phonegap. (More details on lesson slides 15 and 16)
- All the data must be queried from the database (with asynchronous calls to a php file)
- For form: It is not necessary to implement writing capabilities on db, just show me a form
- The group members must be the same as the ones in Part 1; It is strongly suggested to
 - organize the job equally
 - ask questions and find answers online (i.e. stackoverflow, beep forum)
- Each group member must study in depth the contents of all lecture slides and must know in detail what the other members have done

How to deliver

The required material must be delivered filling out a form* with

- 1) Group members
- 2) Link to the GitHub project containing:
 - a. the interactive website source code in “WEBSITE” folder
 - b. the .sql populated db exported in “DB” folder
 - c. a README file with the name of the framework and/or template you used and any other useful information
- 3) Preferred time, according to the time table that will be provided*

**More details will follow.*

Technology Project Evaluation and Discussion

It will be held on **June 15 and 16:**

- 1) Bring your pc with the web application ready to be demonstrated
- 2) Bring your smartphone with the mobile app. installed. (or at least be ready to show the Phonegap Build page with the QR code to scan)
- 3) Questions will be asked to each component of the group (about the applications and the technical contents of lecture slides)