Week 1

Write a Drive document answering these six questions

(about your work)

1 Your company

Innovation Strategies, specifically on openROOM

2 Your job description

I migrate openROOM pages from aspx to MVC.NET

3 Technologies you are using

### c#, .NET, MVC

(about your project here)

4 How are you linking databases to other subjects in the curriculum, such as Programming or Markup Languages?

Markup Languages: (x)HTML, HTML5, XML, JSON, CSV

Javascript

I haven’t done anything at Markup Languages that has used a database

Programming: Python, Java, C#

I work with MVC.NET, so I use C# to link the webpage I work on to its database. In class we have used Spring to link databases.

5 How are you hosting your database/system?

Github (HTML+CSS+JS)

Amazon Web Services

Other free database hosting.

Paid hosting of your own.

I’m hosting it locally.

6 What topics are you thinking about for the project?

Possible topics / subjects include:

Tourism ( hotels, restaurants, shopping, agenda...)

Health (medical histories, medical advice...)

News (general information)

Sports

Music

Real Estate

(NGO related) Environment, Human Rights, Development...

A videogame’s characters.

Week 2

Write some paragraphs describing your project. Example:

“My application displays real estate information to users, either registered or not. The information is filtered by MySQL selects according to data input on HTML forms. It uses a Bootstrap front-end and PHP programming language to access a MySQL database in my hosting provider.

This is related to my work at the company because the back-end technology is the same I am using there. Nevertheless, here I am adding the use of a different front-end.”

“My application displays all the characters in the videogame League of Legends, and displays information of each character when clicking its name. All of this is made using queries to the MySql database. The front-end is made with bootstrap and the back-end uses MVC.NET and EntityFramework to connect to the database, submit the queries and retrieve the results.

It is related to my job at the company because there I work with MVC.NET too, and the use of EntityFramework to link a database was one of my formation exercises there.”

Week 3

Define and build your **minim viable product**

<https://en.wikipedia.org/wiki/Minimum_viable_product>

My MVP will be a simple webpage that lets the user wee a list of the champions and detailed information of each on them when clicking any name on the list, along with some basic information about the game on the home page.

TASK ASSESSMENT

* Is there any extra development? (Did you code something new?)

No, it has remained as the MVP.

* Is it accessible online?

No, as it is hosted locally.

* Complexity of the database (number of tables, attributes per table, number of records…)

4 tables, 100-1000 rows per table, about 5 attributes per table.

* Can the user modify the data?

No, it is a read-only.

* Is the data updated according to external information (not from the user)?

No.

* Is there a video illustrating the system?

No, but I will provide all the files on GitHub.

* Did you document your system? (Justify database choice…)

Yes.

* Does it use an external API to access data from other providers?

No.

* Is there a management system for users (sign-up, sign-in...)?

No.

* Did you show the progress of your work? (Drive document+GitHub)

Yes.