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Web Engineering Spring Term 2014

Exercise 1

An ETH association wants to promote travelling between staff members. Therefore they want to propose a service, called *Evaluate Thy Hotel*, where they can advertise high-quality hotels and locations. More in details, they want to start out with two services: provide reviews of the best hotels, and weekly advertise trending or amazing locations to visit. To get started, they asked a web designer to come up with a suitable design and layout for their site. They are pretty happy with it. Now, they want to see it implemented and therefore need your help. Your task is to implement the design and layout proposed by the web designer hired for *Evaluate Thy Hotel*.

Note: The goal of the first series of exercises is to get hands-on experience with basic web technologies. This is the description of the first part of Exercise 1.

Exercise 1.1 Design and Layout using CSS

In this step of Exercise 1, you are asked to recreate the design and layout proposed for *Evaluate Thy Hotel*. To help you get started, you are provided with the bare HTML structure. Specifically, we included HTML for the main page (Figure 1), a sample people listing page (Figure 2) and a panoramic picture page (Figure 3). The asset archive contains all the necessary resources, as well as the three mockup screens of the desired design and layout of each page. Your task is to implement the CSS and complement the HTML where necessary. Since the association paid a lot of money to the web designer, they want you to get it right! Please closely follow the mockup screens.

To guide how you should approach this task, please consider the following steps.

- 1. Identify common and different components between pages. Make sure that all pages share a single, common CSS stylesheet to increase reuse between pages.
- 2. Start from those components that contain and wrap others to later focus on the details of each component.
- 3. Use the available properties of CSS to size, position and style the components as illustrated in the mockup screens.

Workmode and Grading. All exercises in the Web Engineering course are designed for teams of 3 students. Every member has to contribute to the team solution, and the assistants may ask about the role of each member and who contributed what.

This is the second and final part of Exercise 1. The two parts build on top of each other. **The final team solution for Exercise 1 will need to be presented during the exercise session on 13 March 2014**. You do not need to hand in the source code, but the assistants may ask questions about how you implemented some of the features when you demo it in the exercise session. **We will use the following grading scheme.**

Grading Scheme For each part of the graded exercises, we provide a set of requirements which are going to be assessed separately. For each set of requirements, your group can get a certain amount of points. If you fulfill the requirements only partially or fail to answer corresponding questions during the presentation, points will be deducted. No or wrong solutions get zero points.

The number of requirements may differ between the parts and thus reflect their respective weights. For Exercises 1.1, the set of requirements are specified as follows:

Set of Requirements - Part 1 (Max. points: 2)

- Design and layout implemented in CSS for the homepage (index.html). This means that you have at least finished the first part of Exercise 1, and have made appropriate use of HTML and CSS to recreate the layout illustrated in the mockup.
- Design and layout implemented in CSS for the remaining pages (reviewers.html, weekly.html).

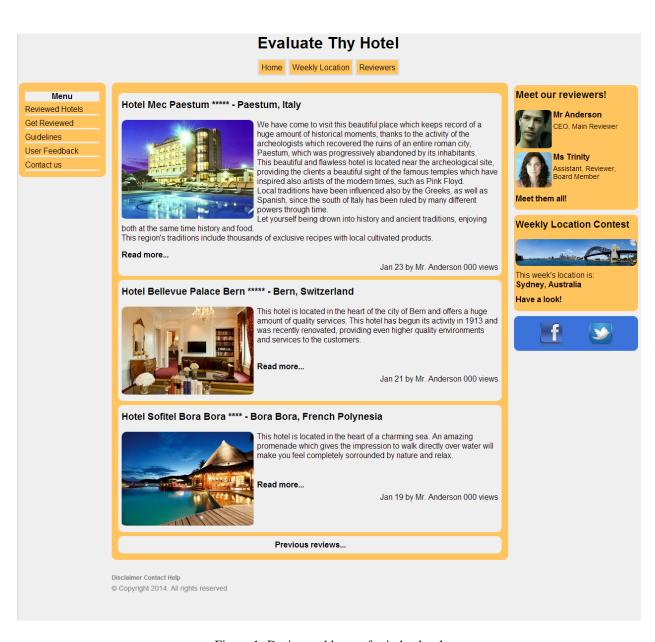


Figure 1: Design and layout for index.html

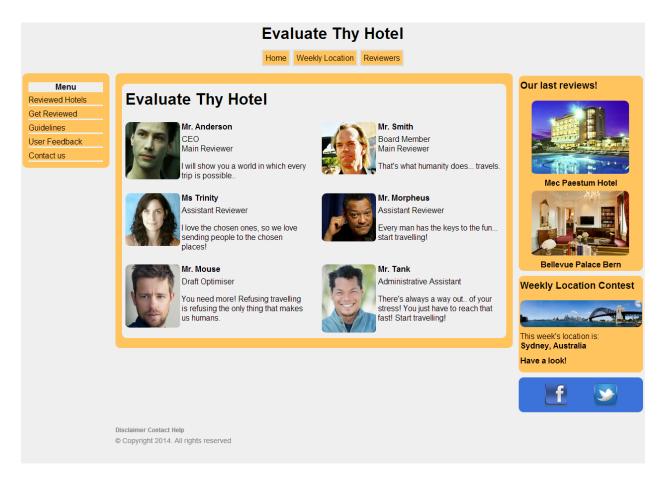


Figure 2: Design and layout for reviewers.html

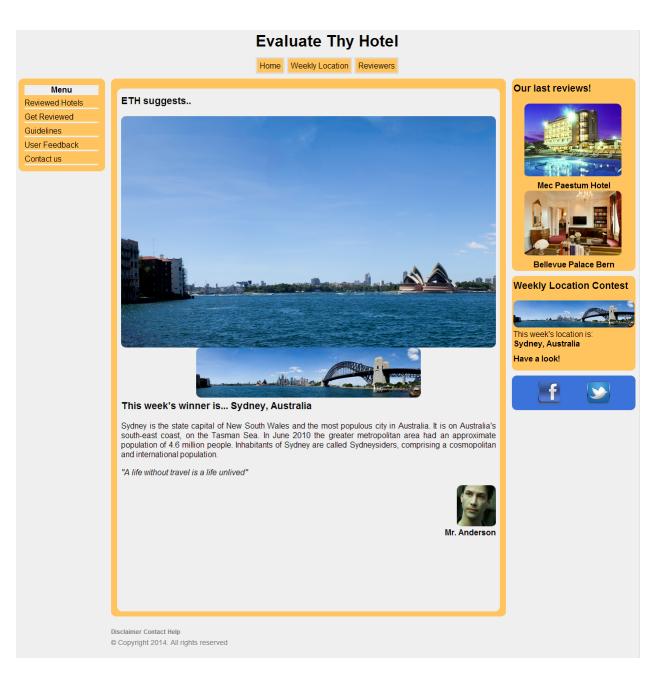


Figure 3: Design and layout for panoramic.html