# Results from Interview with ‘Mary’.

You must build a new website using HTML5, CSS3, and JavaScript for the **City of your choice,** to attract more visitors and allow tourists to view events and activities.

In the meeting you had with Mary, she indicated that she wants you to add these features to the new website. She has agreed on a “clean” look and feel, so you are tasked to match this design requirement throughout.

A **Navigation menu** is displayed along the top of the page with a minimum of 5 pages made up of at least a Home page, a City History & Gallery page combined, a Local Attractions & Venue Guide, a Contacts page, and an Events page. All pages need to be separate pages and the website must allow navigation to all the pages. Use of the <NAV> is required.

The home page starts with a “**slider**“ which shows off at least 3 images, you must add some content blocks and style these pages with CSS3. She has indicated that she would love to see some sort of animation, transition, or transformation happening with the City Name. You will need to use CSS to achieve this. She would also like to track where visitors are accessing her site from.   
Use **HTML5 API** to achieve this and save the data into an XML file.  
To fill the spaces with text content you are welcome to use Lorem Ipsum text.

The City History & Gallery page should have some basic text and requires an **embedded video** of a promotional video of the city. (You may use a random video clip if it has something to do with this city.)

On the City History & Gallery, you need to have at least 10 images formatted and styled in a presentable format. Use a **JQuery Lightbox** to allow the web visitor to get a good view of some of the sites to see.

Place the Gallery images under the “promotional” video.

The contacts page needs to allow web visitor to leave their details so that Mary or her Staff can get back to them. Data elements must include the following: Name, Surname, telephone, email, type of query (Accommodation, General, XXXXX ), query textbox, Start Date and End Dates, Tour Price, Slider for using a Range.

You need to use a FORM, with use of the following INPUT types: Range,  
checkbox, date, email, number, radio, tel, text, submit. Mixed-use of the Autofocus is required and a placeholder must be used in your form.  
As the user enters the data, you will need to validate the data being entered via JavaScript and give feedback to the user.

The Events page should use an **HTML TABLE** and needs to be styled with CSS showing some Event planned dates that the City has on the upcoming Calendar.

The header needs to be styled with the general colours of her website, also the alternative rows need to be styled as well as the hover row to make it easier for the visitor to visually identify rows.

To make it easier for Mary, she wants to upload special events in a file. You are required to have a section with a button that a user clicks to **create an XMLHttpRequest to simply LOAD** the contents of the file and display them in a <pre> tag as Mary has no HTML experience and will simply edit a special events.txt file. This file must be part of your project and will be tested to see if we upload a new file with the same name but different content that it does get pulled through and displayed correctly.

The bottom of each page needs to use the HTML canvas with a **JavaScript to gradient** fill it and the City slogan text being displayed: “Make your stay a wonderful stay at XXX” XXX being your city name.

**No frameworks may be used** and all web pages need to use the **same CSS source files**. Each page needs to use 3 types of CSS sources. At least 1 element will need to be styled Inline, some internal and most external. Approximately 90% of the CSS should be in an external file with the remaining 9% internal. Your website design must be **responsive** and be able to handle different form factors.

Mary plans to have a “Kiosk” type workstation running on Raspberry Pi. Give your website **offline capability** to allow Tourists in Visitors Centre to browse the Events & Local Attractions page.

It is important to demonstrate various skills that you have learned from the course and you can add elements that you believe will make your design stand out.