The attached images (*desktop.png and mobile.png*) represent a responsive layout with the desktop and mobile views. Task from you is to create a HTML5 – responsive layout to meet the requirements using CSS3 media queries, ***using div based layout.***

The focus should be apply a well thought out solution to create a structure, which is robust and scalable in the time frame provided. Its ok if you are not able to complete the assignment.

All supporting assets are provided with this packet, you are however free to use any additional framework you are comfortable using.

You can also approach this as independent sets –and target developing only one of the versions – if you are not well versed with responsive design.

Desktop Version Guidelines

1.) Use HTML5 that validates W3C guidelines.
2.) This should work across IE7+ and the latest version of firefox. (should gracefully degrade for old browsers)
3.) The markup should be semantic.
4.) Follow the basic accessibility guidelines.
5.) Use OOJS for all js functionality.
6.) We expect you to write a custom code, with or without the use of any JS library, however you are free to use plugins to built the functionality.

Components
1.) Navigation links section on the header section.
2.) Carousel shows images with related heading and detail for each item.
        The carousel needs to be built making use of the JSON data attached.
3.) Form.
4.) Business Unit.

Functionality Desired
1.) Form Validation:

Firstname Lastname : Required,Lastname is optional. Firstname, Lastname are separated by " " and will be submitted as separate items.

Password : Required, Min length of 6 Char, Allowed Chars (All Chars, numbers and ~_&*%@$)

Confirm Password : Match with password

Email : Required, Invalid if domain is "sapient.com"

Website : Required.

Business Unit : ???

2.) Use the included font files for the content.

3.) If the browser does not support "placeholder" attribute labels are needed to shown for the forms fields.

Mobile Version Guidelines

1.) Use HTML5 that validates W3C guidelines.

2.) This should work across the native browsers of Android : 2.3.6+ and iOS 4.0+

3.) The markup should be semantic.

4.) Follow the basic accessibility guidelines.

5.) You are free to use any JS library, plugins to built the functionality.

Components

1.) Navigation links section on the header section. (Dropdown List)

2.) Carousel shows images with related heading and detail for each item.

The carousel needs to be built making use of the JSON data attached.

3.) Form.

4.) Business Unit.

Functionality Desired

1.) Form Validation:

Firstname Lastname : Required,Lastname is optional. Firstname, Lastname are separated by " " and will be submitted as separate items.

Password : Required, Min length of 6 Char, Allowed Chars (All Chars, numbers and ~_&*%@$)
Confirm Password : Match with password
Email : Required, Invalid if domain is "sapient.com"
Website : Required.
Business Unit : ???
2.) Use the included font files for the content.
3.) If the browser does not support "placeholder" attribute labels are needed to shown for the forms fields.
4:) Carousel should be accesible using touch events.
5:) Header is required to fixed to the top