Web Design

JBS Photo Website

<https://saidabd.github.io/jbs/>

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Contents

Website Overview 1

Wire Frames 2

Main page 2

Features 2

Lenses 3

Production Details 4

Requirements Implementation 4

Noteworthy HTML/CSS/JavaScript implementation 4

Validation Errors and Fixes 5

Third Party Tools & Resources 6

Website Deployment Details 7

Team Report 8

How Work Was Split 8

How well you worked as a team 8

Website Validation 9

CSS 9

Web Pages 9

## Website Overview

The website was build based on requirements to have a website which is mainly used for promoting a camera that can be used by beginners as well as by ambitious amateurs and even semi-professional photographers.

The site is meant to provide an overview, some specs, accessories, e.g. lenses, tripods, straps, a camera review and a picture gallery, all embedded in a general photography scheme.

The main (Home) page was made as an entry point only, a few pictures, a few words and the main menu in order to broadcast a clear message what the site is about.

The “Features” page provide some features of the camera of choice (Nikon D610) which was chosen by a team member and amateur photographer. We just provide some main features and then link to the manufacturer’s product spec (Nikon is a registered trademark of Nikon Corporation).

The “User Review” provides a short review, written by photographer Bernd Weber and contains an overview of the camera but also outlines aspects which need attention.

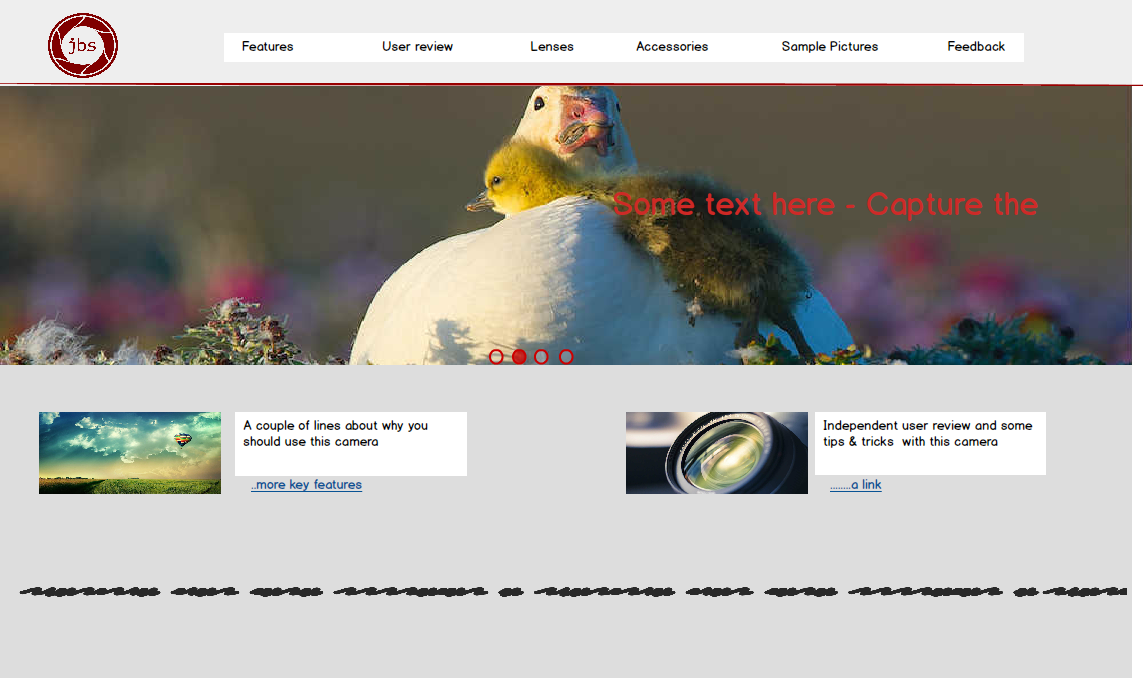
Some lenses accessories are found under “Accessories”, each with a short info.

The “Sample Pictures” shows sample pictures about different genres.

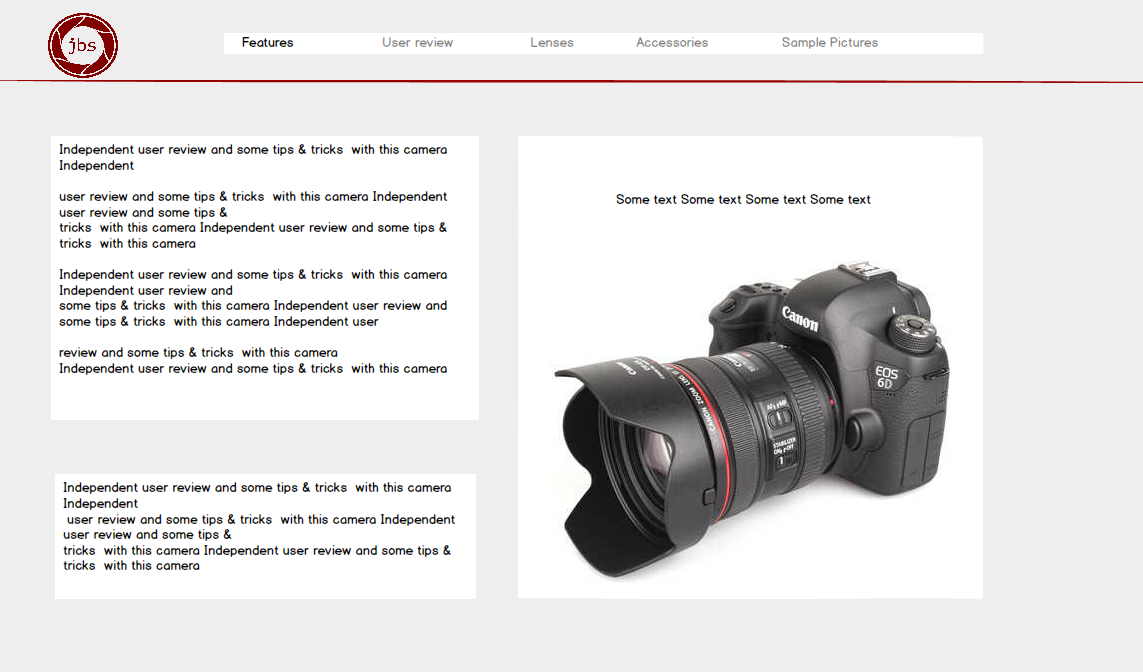
Finally, a contact form allows you to contact us.

## Wire Frames

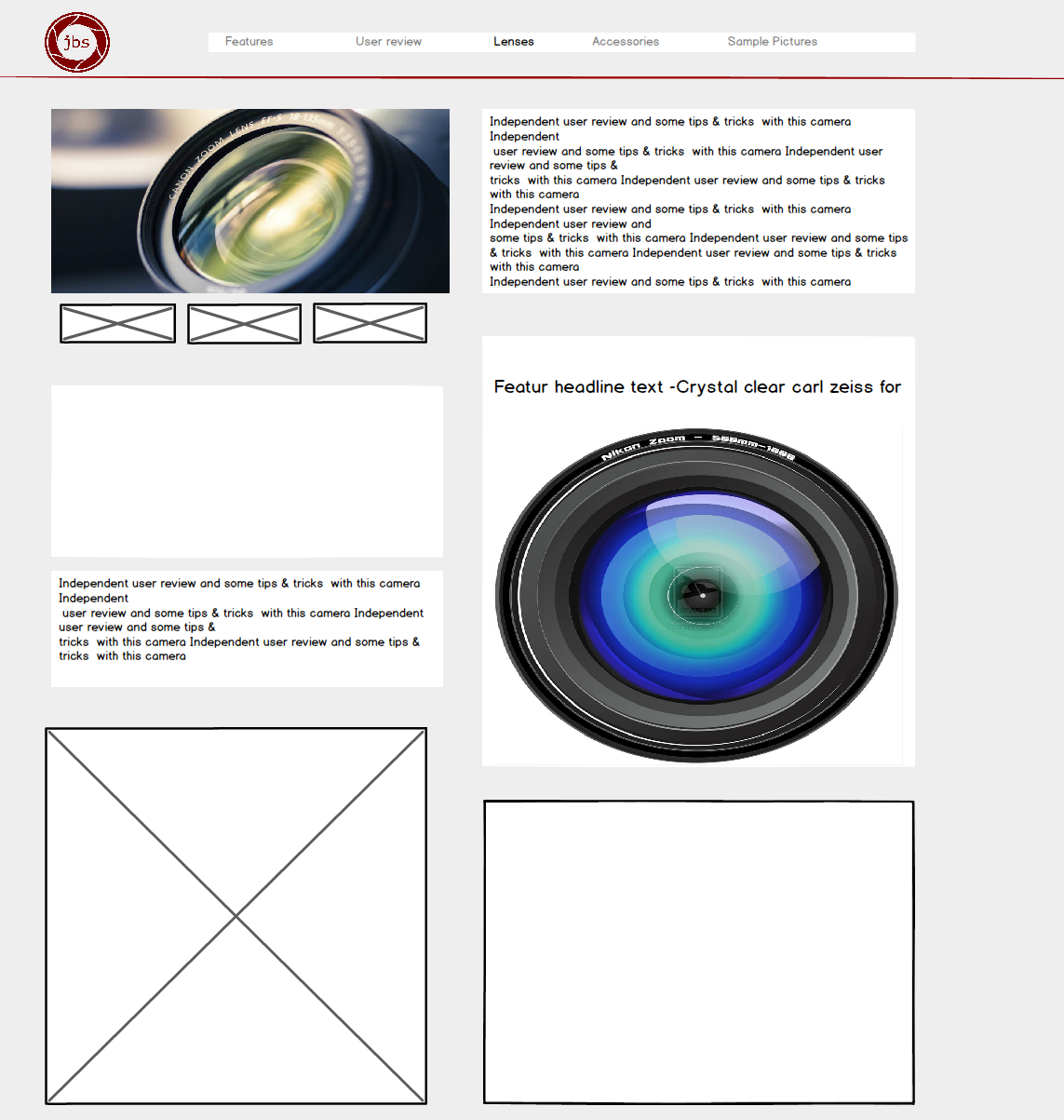
### Main page



### Features



### Lenses



## Production Details

### Requirements Implementation

Taking the given requirements, we went back to a brainstorming to find the right topic for the site. Once the product – the subject – of the site was clear we started to define the number of pages that we wanted to have as well as general aspects, e.g. keep the site clean and clear, how did we want to look the site on every page (kind of a “corporate design” with the option to define the colours and other visual elements at later stage (when we saw that the idea and the structure worked out.

The next step was to create the wireframe to define the structure for the site. Once this was done, the coding started, together with the collection of information and pictures.

### Noteworthy HTML/CSS/JavaScript implementation

#### Skeleton CSS - http://getskeleton.com/

Skeleton is a light-weight, responsive CSS framework. It provides a 12-column grid which is used for layout on the site.

#### Home Page Hero Image Slideshow

Inspiration for the slide show on home page is taken from W3 schools. - https://www.w3schools.com/w3css/w3css\_slideshow.asp

A basic slide show using a JavaScript function to call on the Div’s specified. Set to change every 5 seconds and styled with CSS***.***

#### Galleria - https://galleria.io/

The Sample Photos page uses the JavaScript Galleria framework. This is a simple framework which requires the code be downloaded and included with the website, and then included in the <head> of the page. It is also necessary to import jQuery to the page.

Then, there needs to be some simple JavaScript on the page to load and run the gallery. This will display all img elements in “galleria” div.

#### Responsive Main Menu

Inspired by W3Schools - https://www.w3schools.com/howto/howto\_js\_topnav\_responsive.asp

A simple responsive menu which collapses the items into a drop-down menu when the webpage shrinks small enough.

### Validation Errors and Fixes

We are being presented with the following CSS validation error. This error is reported against skeleton.css, which is a third party CSS tool that we are using for responsive design, and cannot change.



### Third Party Tools & Resources

#### Skeleton CSS

<http://getskeleton.com/>

#### Galleria

<https://galleria.io/>

#### W3Schools

<https://www.w3schools.com/howto/howto_js_topnav_responsive.asp>

<https://www.w3schools.com/w3css/w3css_slideshow.asp>

## Website Deployment Details

Website was built using GitHub for source control. As the website consists of mainly simple pages and client side JavaScript, we also decided to deploy the page on GitHub.

The website can be found at: <https://saidabd.github.io/jbs/>

We felt that using GearHost or some other similar service to be overkill. There were also some issues in accessing sites deployed on GearHost from the IBM network, and this would have caused problems with the demo.

## Team Report

### How Work Was Split

Initial Design - Team

Balsamiqs - Said

Initial HTML Layout - Said

Responsive Menu - John

Responsive Layout - John

Hero Image Slideshow - Said

JavaScript Photo Gallery - John

Contact Page - John

Website Content - Bernd

Photographs – Bernd

Project Report – Team

### How well you worked as a team

Throughout the project, we have had a few meetings scheduled around the main milestones.

a) Discussing requirements and the initial designs

b) Agreeing on layouts, main functionalities and content

c) Finalizing code and testing

For each milestone, we each had deliverables that we brought to the meeting which ensured productivity throughout. Collaboration was done through GitHub where we could work on both our own deliverables and make pull requests on deliverables handled by others.

The teamwork went well however we were challenged on time due to other commitments and course assessment. It is also noteworthy to state that these team members do not have any experience working together on any other projects which also made it difficult to coordinate between work on other assignments

## Website Validation

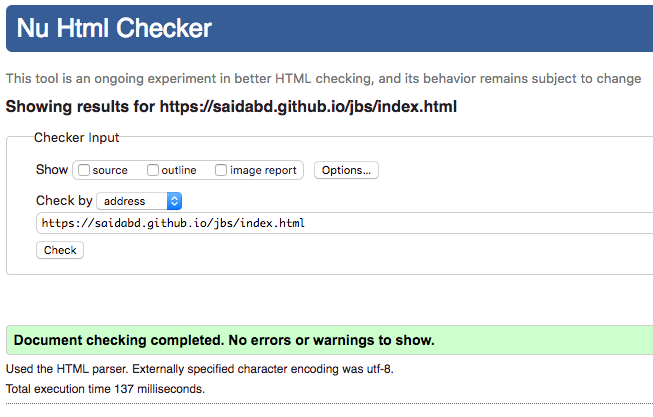
### CSS

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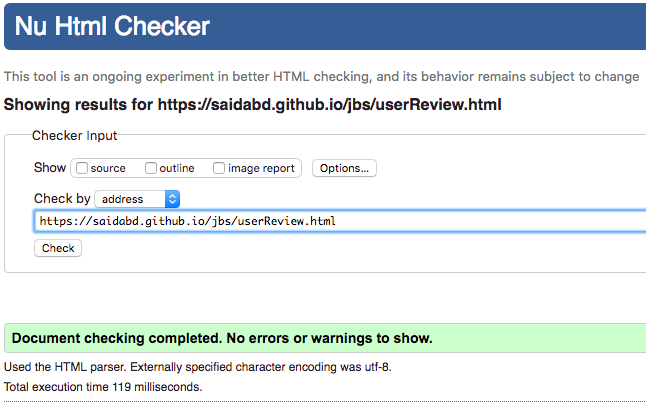
### Web Pages

#### Home

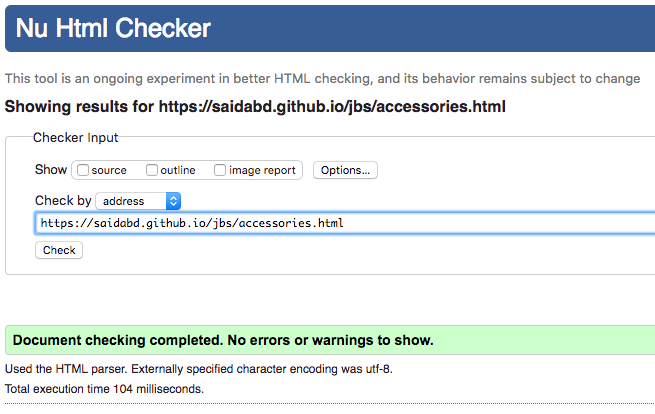


#### Features

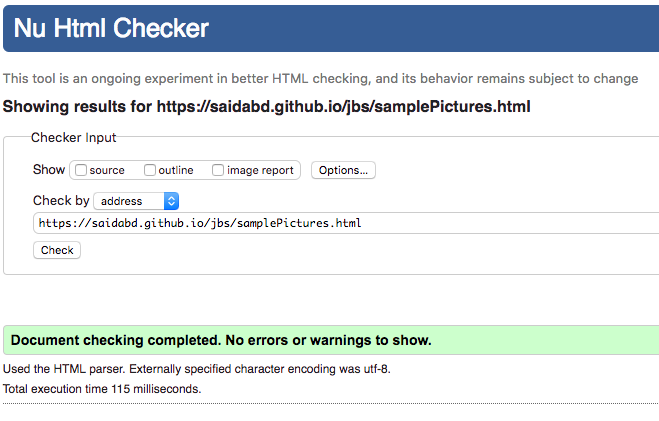
#### User Review



#### Accessories



#### Sample Pictures



#### Contact

