

Technical documentation for website development

Instructors:

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Title of your project:

"RB's Photo Portfolio"

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About project:

The website is going to serve both as a photographer's portfolio and an online store for his photos. The visitors will be able to see different collections, individual photos and add them to the cart if they decide to purchase a particular photo or photos. The design is going to be minimalistic, with minimum distraction from the content so that the visitors could focus on the photos. Main colors are going to be black in order to have barely any tiring effect on the eyes. The main page is going to be about the photographer, the gallery page is going to present the collections of the photographer, where the visitor will be able to pick individual photos and add them to the cart. The purchase completing page will ask the user to fill out the personal information and complete the purchase.

Aims and goals of the project:

- Create a portfolio of the photographer to later utilize it as a presentation.
- Familiarize new people with the work of the photographer.
- Allow people to purchase the photos they liked.
- Improve the JavaScript skills.
- Improve the back end development skills.
- Sharpen and clarify the abilities to create fully functional websites.

Stages and terms of the project creation:

1. Design the basic mackup of the website during the first half of the semester.
 2. Learn the basics of JS and Backend during the first half of the semester.
 3. Create all the pages without functionality in 2-3 weeks.
 4. Implement the functionality and JS in 3-4 weeks.
 5. Develop backend until the end of the semester.
 6. Improve and polish the website before presentation.
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Structure and description of the website:

1. Main interface:

1.1. Main page:

1.1.1. Header menu:

1.1.1.1. Main page

1.1.1.2. Gallery

1.1.1.3. Events

1.1.1.4. About

1.1.1.5. Cart

1.1.2. About the photographer section:

Short description about the photographer and a profile picture

1.2. Gallery page:

1.2.1. Header menu:

...

1.2.2. Collections section:

1.2.2.1. Collection title

1.2.2.2. Collection description

1.2.2.3. Collection preview

1.2.2.4. See more button

1.2.3. Contact button

1.3. Events page:

1.3.1. Header menu:

...

1.3.2. List of future events

1.4. About page:

1.4.1. Header menu:

...

1.4.2. Precise description about the photographer and the ideas behind his art.

1.5. Cart page:

1.5.1. Header menu:

...

1.5.2. List of items added to the cart by the visitor

1.5.3. Total price of the items in the cart

1.5.4. Finish purchase button to place the order

1.6. Order placement page:

1.6.1. Header menu:

...

1.6.2. Form requiring the visitor to fulfill their personal information

1.7. Contributions page:

1.7.1. Header menu:

...

1.7.2. Contribute button to add visitors' work

1.7.3. List of contributed photos

1.7.4. Search bar to search for photos

2. User interface:

1.1. Main page:

1.1.1. Header menu:

1.1.1.1. Main page

1.1.1.2. Gallery

1.1.1.3. Events

1.1.1.4. About

1.1.1.5. Cart

1.1.2. About the photographer section:

Short description about the photographer and a profile picture

1.2. Gallery page:

1.2.1. Header menu:

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1.2.2. Collections section:

1.2.2.1. Collection title

1.2.2.2. Collection description

1.2.2.3. Collection preview

1.2.2.4. See more button

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1.3.1. Header menu:

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1.3.2. List of future events

1.4. About page:

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1.7.2. Contribute button to add visitors' work

1.7.3. List of contributed photos

1.7.4. Search bar to search for photos

3. Admin interface:

3.1. List of items with the ability to add or delete individual items

Functionalities of the project

- Main and About pages will only have the information and contact details about the photographer.
- Gallery page will have buttons that show the complete collection of photos.
- Events page will only display the information about upcoming events in the form of list.
- Contributions page will have the search bar that searches for the photo with the inquired name, button to add photos of the visitor and the add to cart button.
- Cart page will have the button to complete the purchase and place the order.