

САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ  
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО

**Дисциплина:** Фронт-энд разработка

Отчет  
Лабораторная работа 1

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Санкт-Петербург  
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## Задача

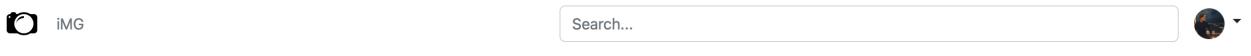
Выполнить вёрстку сайта средствами HTML, CSS и Bootstrap. Продумать и реализовать моменты, в которых необходим JS.

Вариант: сайт с фотографиями, которые будут браться из API Unsplash.

## Ход работы

### Главная страница (index.html)

Header:



```
<header class="p-3 mb-3 border-bottom">
  <div class="container">
    <div class="d-flex flex-wrap align-items-center justify-content-center justify-content-lg-start">
      <a href="/index.html" class="d-flex align-items-center mb-2 mb-lg-0 text-dark text-decoration-none">
        <img alt="Bootstrap logo" width="40" height="32" role="img" aria-label="Bootstrap" /><use xlink:href="#logo" /></a>
    </div>

    <ul class="nav col-12 col-lg-auto me-lg-auto mb-2 justify-content-center mb-md-0">
      <li><a href="/index.html" class="nav-link px-2 link-secondary">iMG</a></li>
    </ul>

    <form class="col-12 col-lg-6 mb-3 mb-lg-0 me-lg-3" role="search">
      <input type="search" class="form-control" placeholder="Search..." aria-label="Search">
    </form>

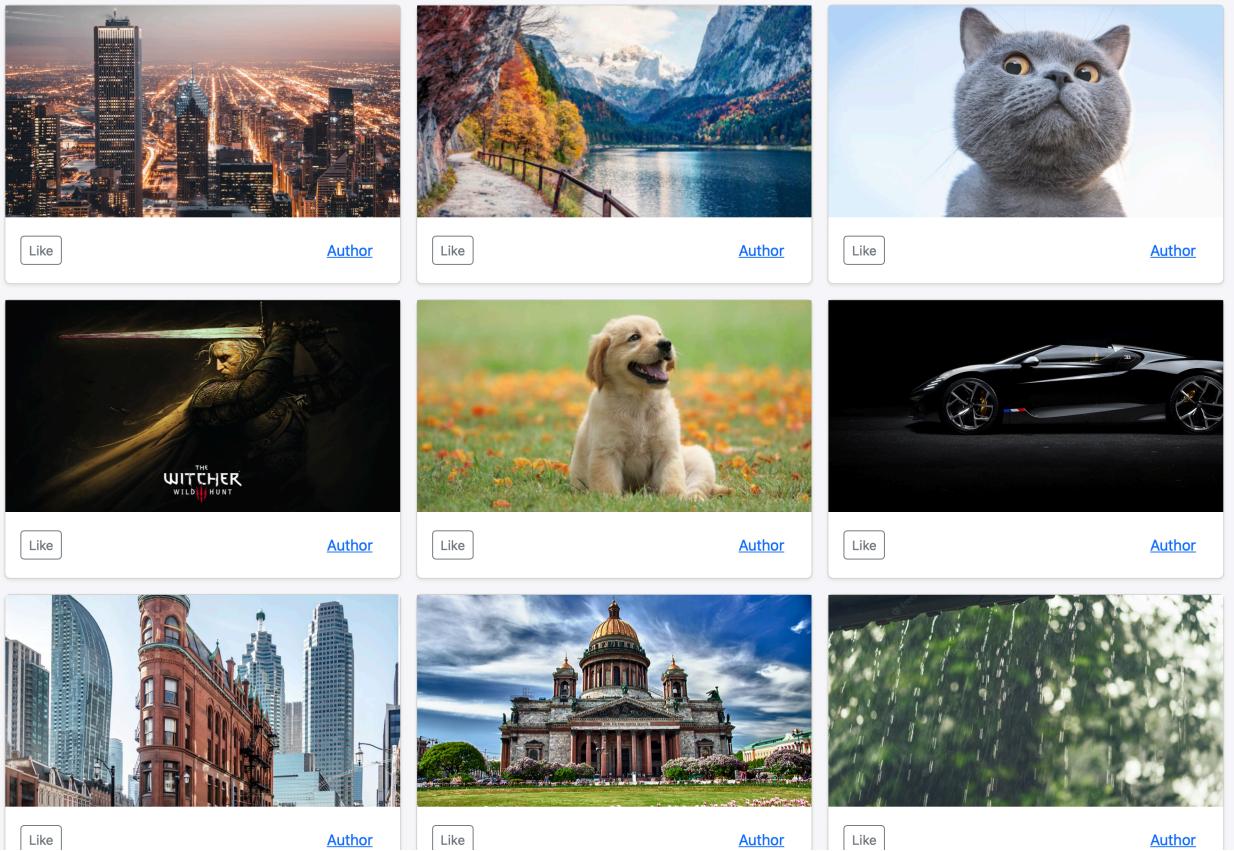
    <div class="dropdown text-end">
      <a href="#" class="d-block link-dark text-decoration-none dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false">
        <img alt="Avatar" width="32" height="32" class="rounded-circle" />
      </a>
      <ul class="dropdown-menu text-small">
        <li><a class="dropdown-item" href="/profile.html">Profile</a></li>
        <li><hr class="dropdown-divider" /></li>
        <li><a class="dropdown-item" href="/unauthorized.html">Sign out</a></li>
      </ul>
    </div>
  </div>
</header>
```

Кнопки для выбора фильтра:



```
<section>
  <div class="container">
    <div class="categories_filter">
      <button type="button" class="btn btn-dark">Architecture</button>
      <button type="button" class="btn btn-dark">Nature</button>
      <button type="button" class="btn btn-dark">Cars</button>
      <button type="button" class="btn btn-dark">Fashion</button>
      <button type="button" class="btn btn-dark">People</button>
      <button type="button" class="btn btn-dark">Animals</button>
      <button type="button" class="btn btn-dark">Arts & Culture</button>
      <button type="button" class="btn btn-dark">Food & Drinks</button>
      <button type="button" class="btn btn-dark">Street Photography</button>
    </div>
  </div>
</section>
```

## Карточки фотографий:



## Страница пользователя (profile.html)

В профиле отображаются понравившиеся фотографии.

The screenshot shows a user profile page. At the top right is a 'Sign out' button. Below it is a circular profile picture of a man. The user's name, 'Kovalev Valery', is displayed in bold black text, followed by their handle '@kovalev-vxx'. A welcome message, 'Welcome to my profile!', is shown below. A blue 'Edit' button is located just below the welcome message. At the bottom of the profile section, there are three small thumbnail images: a city skyline at night, a landscape with mountains and a lake, and a close-up of a grey cat's face.

```
<section>
  <div class="text-center">
    
    <h1 class="display-8 fw-bold">Kovalev Valery</h1>
    <h4 class="display-10 fw-bold">@kovalev-vxx</h4>
    <div class="col-lg-6 mx-auto">
      <p class="lead mb-4">Welcome to my profile!</p>
      <div class="d-grid gap-2 d-sm-flex justify-content-sm-center">
        <button type="button" class="btn btn-primary btn-lg px-4 gap-3">Edit</button>
      </div>
    </div>
  </div>
</section>
```

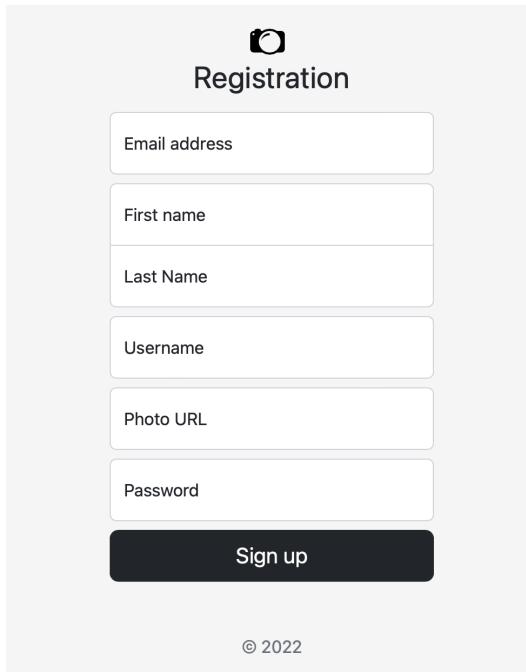
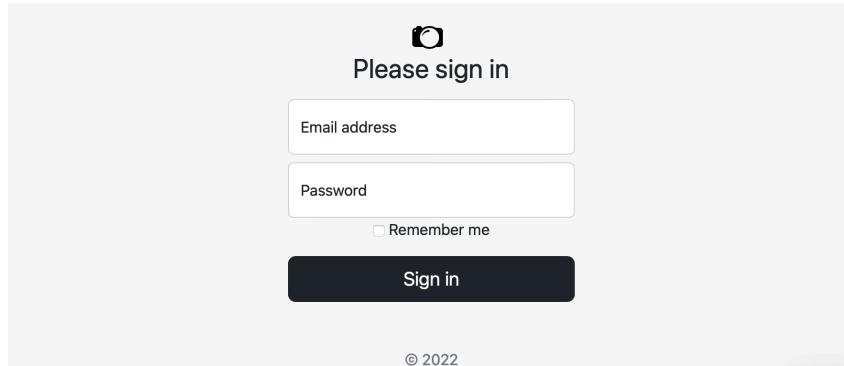
## Обзор фото (photo\_overview.html)

В будущем поменяю на модальное окно.

The screenshot shows a photo overview page. It features a large, vibrant image of a green and red dragon. Below the image are two buttons: a dark 'Download' button on the left and a light blue 'Author' button on the right. In the top right corner, there is a small user profile icon. At the very bottom left, there is a copyright notice: '© 2022 iMG, Inc'.

## Страница авторизации и регистрации (signin.html и signup.html)

Код практически идентичен, поэтому объединил в один пункт.



The image shows two screenshots of a web application's login and registration pages. Both pages have a light gray header with a camera icon and the text 'Please sign in' or 'Registration'. Below the header are input fields for email, password, and other registration details. A 'Sign in' or 'Sign up' button is at the bottom, and a copyright notice '© 2022' is at the bottom right.

```
<main class="form-signin w-100 m-auto">
  <form method="post" action=".index.html">
    <svg class="bi me-2" width="40" height="32" role="img" aria-label="Bootstrap"><use xlink:href="#logo"/></svg>
    <h1 class="h3 mb-3 fw-normal">Please sign in</h1>

    <div class="form-floating mb-2">
      <input type="email" class="form-control" id="floatingInput" placeholder="name@example.com">
      <label for="floatingInput">Email address</label>
    </div>
    <div class="form-floating">
      <input type="password" class="form-control" id="floatingPassword" placeholder="Password">
      <label for="floatingPassword">Password</label>
    </div>

    <div class="checkbox mb-3">
      <label>
        <input type="checkbox" value="remember-me" checked="checked" /> Remember me
      </label>
    </div>
    <button class="w-100 btn btn-lg btn-dark" type="submit">Sign in</button>
    <p class="mt-5 mb-3 text-muted">© 2022</p>
  </form>
</main>
```

## Общий вид и демонстрация адаптивности

IMG

Street Photography

Architecture Nature Cars Fashion People Animals Arts & Culture Food & Drinks Street Photography



Like Author



Like Author



Like Author



Like Author



Like Author



Like Author

IMG

Street Photography

Architecture Nature Cars Fashion People Animals



Like Author



**Вывод:**

В ходе выполнения лабораторной работы были разработаны главная страница, страница пользователя, страницы авторизации и регистрации, а также страница обзора фотографии средствами HTML, CSS и Bootstrap.