Министерство образования Республики Беларусь

Учреждение образования

«БЕЛОРУССКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ ИНФОРМАТИКИ И РАДИОЭЛЕКТРОНИКИ»

Кафедра инженерной психологии и эргономики
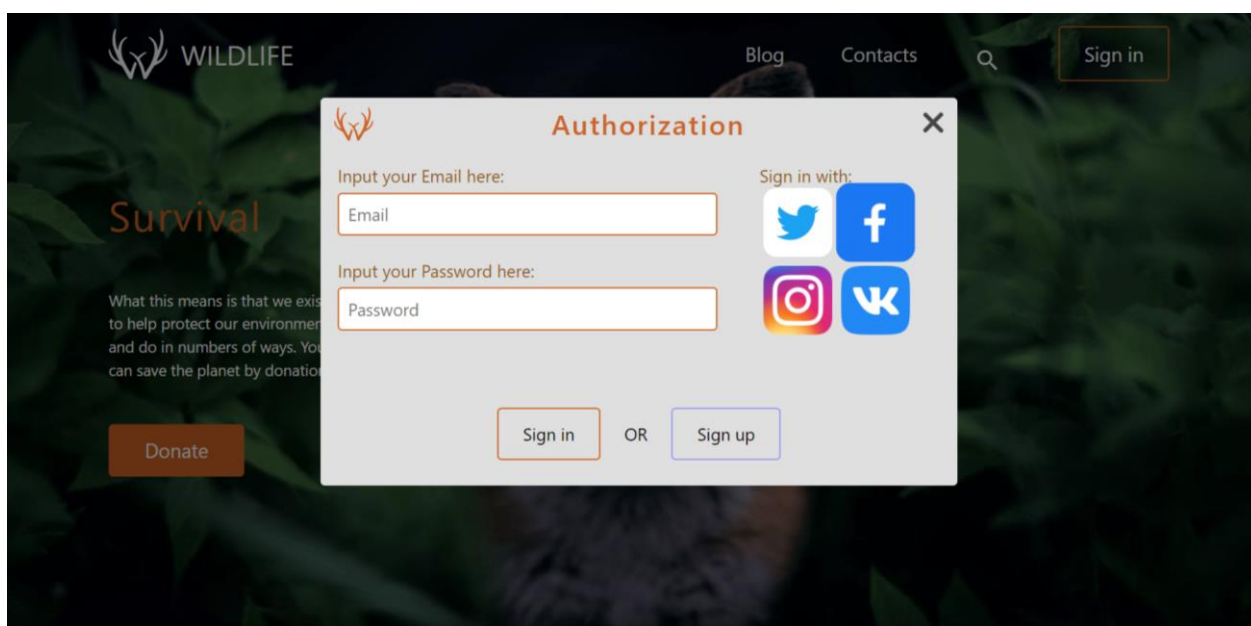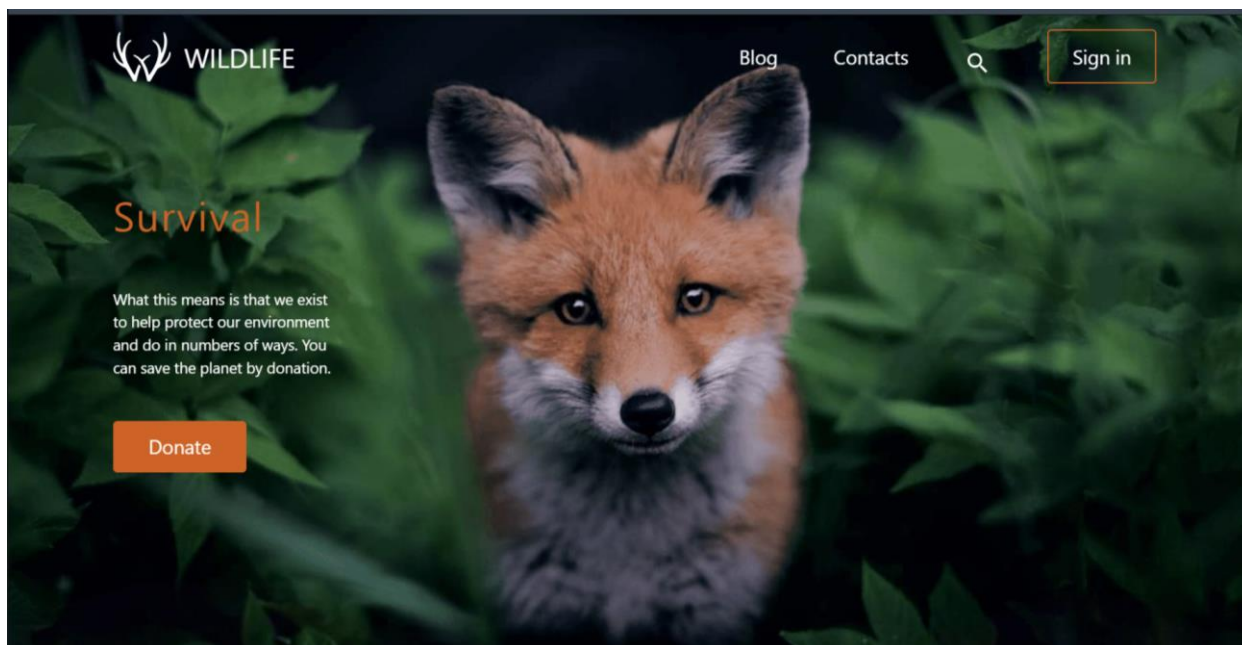
ЛАБОРАТОРНАЯ РАБОТА № 3, 4, 5
по дисциплине
«ЭРГОНОМИЧЕСКИЕ ВЕБ-ТЕХНОЛОГИИ»

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Минск 2022

Результаты работы:

Latest articles

Breaking news from the wild

Squirrel

Kamikaze squirrels

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WILDLIFE   Articles   About us   Learn more

Верстка:
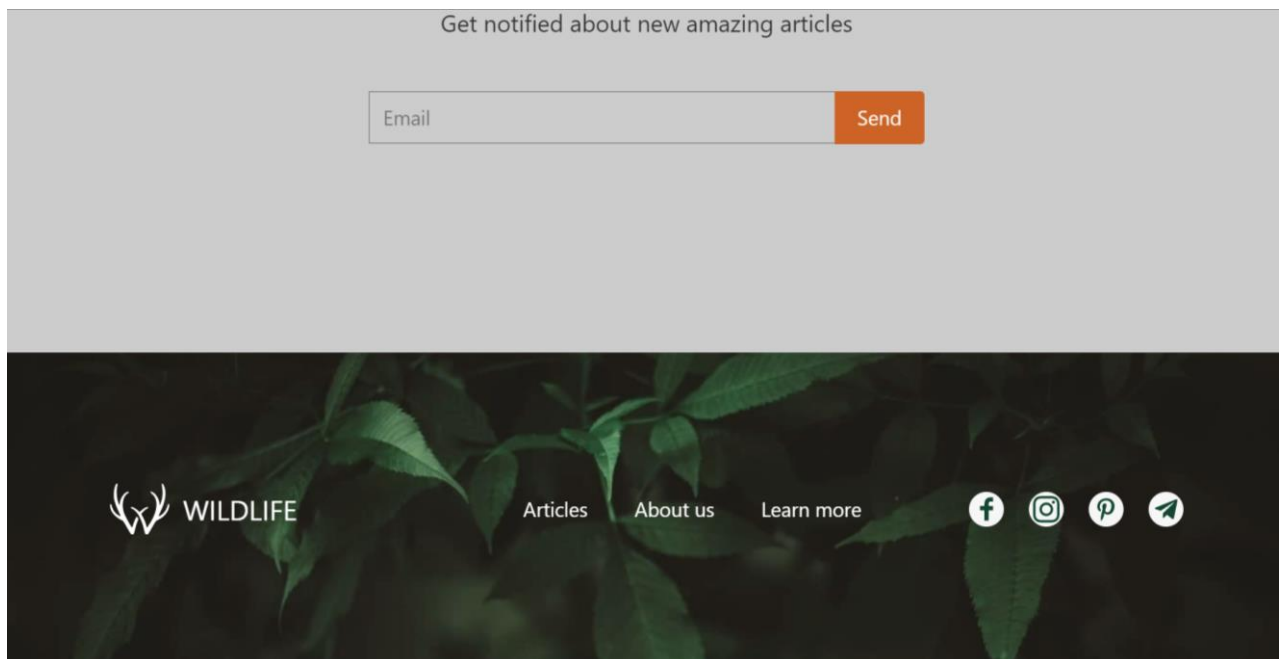
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="CSS/style.css">
    <link rel="stylesheet" href="https://unpkg.com/swiper@7/swiper-bundle.min.css"/>
    <title>Wildlife </title>
```

```html
</head>
<body>
  <section class="fox">
    <div class="container">
      <header>
        <div class="logo">
          <div class="logo__img">
            <img src="assets/logo.svg" alt="логотип">
          </div>
          <div class="logo__text">Wildlife</div>
        </div>
        <div class="burger">
          <span></span>
        </div>
        <ul class="nav__header nav">
          <li>
            <a href="#">Blog</a>
          </li>
          <li>
            <a href="#">Contacts</a>
          </li>
          <li>
            <a href="#">
              <img class="fox__search" src="assets/loop.svg" alt="лупа">
            </a>
          </li>
          <li>
            <a href="#" class="fox__signIn">Sign in</a>
          </li>
        </ul>
      </header>
      <ul class="nav nav__mobile nonactive">
        <li>
          <a href="#">Blog</a>
        </li>
        <li>
          <a href="#">Contacts</a>
        </li>
        <li>
          <form action="search">
            <a class="search" href="#">
              <input type="search" class="search-input">
              <button class="search-btn" type="button">Search</button>
            </a>
          </form>
        </li>
        <li>
```
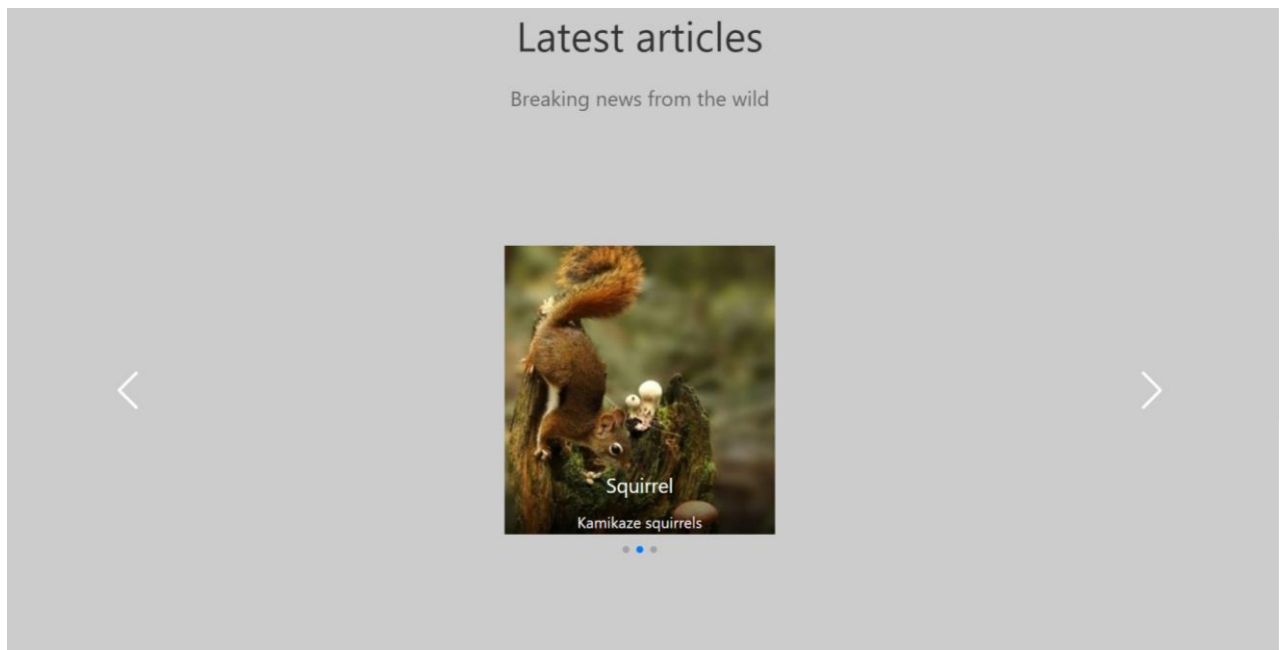
```html
            <a href="#" class="fox__signIn">Sign in</a>
          </li>
        </ul>
        <h2 class="fox__header">Survival</h2>
        <p class="fox__content">
          What this means is that we exist to help protect our environment and do in numbers of ways. You can save the planet by
donation.
        </p>
        <button class="fox__btn">Donate</button>
      </div>
    </section>
    <section class="animals">
      <div class="container">
        <h2 class="animals__header">Latest articles</h2>
        <p class="animals__text">Breaking news from the wild</p>
        <div class="animals__cards swiper">
          <!-- <button class="arrow__left"><img src="assets/arrow left.svg" alt=""></button> -->
          <div class="cards-slider swiper-wrapper">
            <div class="animals__card first__card swiper-slide">
              <h3 class="animals__card-header">Deer</h3>
              <p class="animals__card-text">Naturalist investigation</p>
            </div>
            <div class="animals__card second__card swiper-slide">
              <h3 class="animals__card-header">Squirrel</h3>
              <p class="animals__card-text">Kamikaze squirrels</p>
            </div>
            <div class="animals__card third__card swiper-slide">
              <h3 class="animals__card-header">Bird</h3>
              <p class="animals__card-text">Birds Fight club</p>
            </div>
          </div>
          <!-- <button class="arrow__right"><img src="assets/arrow right.svg" alt=""></button> -->
          <div class="swiper-button-prev"></div>
          <div class="swiper-button-next"></div>
          <div class="swiper-pagination"></div>
        </div>
        <h3 class="animals__header-form">
          Get notified about new amazing articles
        </h3>
        <form action="send">
          <input type="email" class="email-input" placeholder="Email">
          <button type="button" class="email-btn">Send</button>
        </form>
      </div>
    </section>
    <footer>
      <div class="container">
```

```html
        <header>
          <div class="wrapper">
            <div class="logo">
              <div class="logo__img">
                <img src="assets/logo.svg" alt="логотип">
              </div>
              <div class="logo__text">Wildlife</div>
            </div>
            <ul class="nav__footer nav">
              <li>
                <a href="#">Articles</a>
              </li>
              <li>
                <a href="#">About us</a>
              </li>
              <li>
                <a href="#">Learn more</a>
              </li>
            </ul>
          </div>
          <div class="social-icons">
            <a href="#" class="facebook"></a>
            <a href="#" class="insta"></a>
            <a href="#" class="pinterest"></a>
            <a href="#" class="telega"></a>
          </div>
        </header>
      </div>
</footer>
<div class="popup-back"></div>
<div class="popup">
  <div class="popup__header">
    <div class="popup__header-logo">
      <img src="assets/logo for popup.svg" alt="">
    </div>
    <div class="popup__header-title">
      <span>Authorization</span>
    </div>
    <div class="popup__header-close"></div>
  </div>
  <div class="popup__body">
    <form class="registration" action="registration">
      <div class="popup__registration">
        <div class="popup__without-social-media">
          <div class="popup__body-email">
            <label for="email">Input your Email here:</label>
            <input type="email" placeholder="Email"/>
```

```html
            </div>
            <div class="popup__body-password">
              <label for="password">Input your Password here:</label>
              <input type="password" placeholder="Password"/>
            </div>
          </div>
          <div class="popup__social-media">
            <label for="social-media">Sign in with:</label>
            <div class="popup__first-row">
              <a href="#" class="popup-twitter"><img class="social-media" src="img/twitter.png" alt=""></a>
              <a href="#" class="popup-facebook"><img class="social-media" src="img/facebook.png" alt=""></a>
            </div>
            <div class="popup__second-row">
              <a href="#" class="popup-instagram"><img class="social-media" src="img/instagram.png" alt=""></a>
              <a href="#" class="popup-vk"><img class="social-media" src="img/vk.png" alt=""></a>
            </div>
          </div>
        </div>
        <div class="popup__body-btns">
          <button type="button" class="fox__signIn popup-btn">Sign in</button>
          <p>OR</p>
          <button type="button" class="fox__signIn popup-btn-reg">Sign up</button>
        </div>
      </form>
    </div>
  </div>
  <script src="https://unpkg.com/swiper@7/swiper-bundle.min.js"></script>
  <script src="script.js"></script>
</body>
</html>
```

Скрипт:

```javascript
new Swiper('.animals__cards',{
  navigation:{
    nextEl: '.swiper-button-next',
    prevEl: '.swiper-button-prev',
  },
  pagination:{
    el: '.swiper-pagination',
    clickable: true,
  },
  simulateTouch:false,
});
```

```
const mobileBurger = document.querySelector('.burger');
const mobileMenu = document.querySelector('.nav__mobile');

const popupBack = document.querySelector('.popup-back');
const popup = document.querySelector('.popup');
const openPopup = document.querySelectorAll('.nav .fox__signIn');
const closePopup1 = document.querySelector('.popup__header-close');
const closePopup2 = document.querySelectorAll('.popup .fox__signIn');

/* Burger */
mobileBurger.addEventListener('click', openMenu);

function openMenu(){
   mobileMenu.classList.toggle('nonactive');
   mobileBurger.classList.toggle('active');
};
/* Burger */

/* Popup */

for (let open of openPopup){
   open.addEventListener('click', openPopupMenu);
}

function openPopupMenu(){
   popupBack.classList.add('active');
   popup.classList.add('active');
}


closePopup1.addEventListener('click', closePopupMenu);

for (let close of closePopup2) {
   close.addEventListener('click', closePopupMenu);
}

function closePopupMenu () {
   popupBack.classList.remove('active');
   popup.classList.remove('active');
}

popupBack.addEventListener('click', closePopupMenu);
/* Popup */
```

Стили:

```css
@charset "UTF-8";
* {
  padding: 0;
  margin: 0;
  border: 0;
}

*, *:before, *:after {
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
}

:focus, :active {
  outline: none;
}

a:focus, a:active {
  outline: none;
}

nav, footer, header, aside {
  display: block;
}

html, body {
  height: 100%;
  width: 100%;
  font-size: 100%;
  line-height: 1;
  font-size: 14px;
  -ms-text-size-adjust: 100%;
  -moz-text-size-adjust: 100%;
  -webkit-text-size-adjust: 100%;
}

input, button, textarea {
  font-family: inherit;
}

button {
  background: transparent;
  outline: none;
  border: 0;
}
```

```css
input::-ms-clear {
  display: none;
}

button {
  cursor: pointer;
}

button::-moz-focus-inner {
  padding: 0;
  border: 0;
}

a, a:visited {
  text-decoration: none;
}

a:hover {
  text-decoration: none;
}

ul li {
  list-style: none;
}

img {
  vertical-align: top;
}

h1, h2, h3, h4, h5, h6 {
  font-size: inherit;
  font-weight: 400;
}

body {
  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue',
sans-serif;
  color: white;
}

a {
  color: white;
}

.fox {
  background-image: url("../img/fox.png");
  background-repeat: no-repeat;
```

```css
  background-position: center;
  background-size: cover;
}

header {
  width: 100%;
  padding-top: 19px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
    -ms-flex-pack: justify;
        justify-content: space-between;
  margin-bottom: 120px;
}

.container {
  max-width: 83.3%;
  margin: 0 auto;
}

.logo, .nav {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
    -ms-flex-align: center;
        align-items: center;
}

.logo a, .nav a {
  font-size: 23px;
  line-height: 60px;
  color: white;
  line-height: 1;
  /*задаём высоту строки*/
  position: relative;
}

.logo a:after, .nav a:after {
  display: block;
  position: absolute;
  left: 0;
  /*изменить на right:0;, чтобы изменить направление подчёркивания */
  width: 0;
  /*задаём длинну линии до наведения курсора*/
  left: 50%;
```

```css
  -webkit-transform: translateX(-50%);
      transform: translateX(-50%);
 width: 0;
 /*задаём длинну линии до наведения курсора*/
 height: 2px;
 /*задаём ширину линии*/
 background-color: white;
 /*задаём цвет линии*/
 content: "";
 -webkit-transition: linear 0.3s;
 transition: linear 0.3s;
}

.logo a:hover:after, .nav a:hover:after {
 width: 100%;
 /*устанавливаем значение 100% чтобы ссылка подчёркивалась полностью*/
}

.nav__mobile {
 display: block;
 -webkit-transition: all 0.3s linear 0s;
 transition: all 0.3s linear 0s;
}

.nav__mobile li {
 margin-bottom: 20px;
}

.nav__mobile li:nth-child(3) {
 margin-bottom: 25px;
}

.nav__mobile li:last-child {
 margin-bottom: 50px;
}

.nav__mobile .search {
 display: -webkit-box;
 display: -ms-flexbox;
 display: flex;
}

.nav__mobile .search:hover {
 text-decoration: none;
}
```