

Dokumentacija:

<https://tacumaki99.github.io/DizzyGillespie/>

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## Uvod

### 1.1. Korišćeni programski jezici

Za izradu sajta „Dizzy Gillespie“ korišćeni su sledeći jezici:

- HTML
- CSS
- XML
- JavaScript
- jQuery (biblioteka Slick)

Navedeni jezici pisani su u editor-u „Visual Studio Code“.

### 1.2 Opis funkcionalnosti

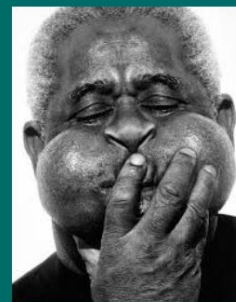
- Dinamički ispis navigacione liste u header-u
- Hamburger taster u header-u na manjim ekranima za prikaz navigacije
- Responsive sajt (U CSS-u)
- Slider sa sa tekстом (promena teksta na 4 sekunde)
- Provera kontakt forme (u JavaScript programskom jeziku)
- Footer stranice gde se nalazi link ka dokumentaciji sajta I sitemap.xml file-u.
- Dinamički ispis slika unutar galerije

### 1.3 Dizajn sajta

Za izradu sajta nije korišćen template.



## Gallery



## Discography

Afro | 1954    Sonny Side Up | 1959    Have Trumpet, Will Excite! | 1959    Swing Low, Sweet Cadillac | 1967    Bird and Diz | 1952    For Musicians Only | 1958

## Contact

First name

Last name

E-Mail

☐ Agree to [Terms & Conditions](#)

## Author



Hey! My name is Tamara. I am from Belgrade. I'm currently attending Collage of Information and Communication Technologies. Before collage I finished two high schools, Zemunska gymnasium School and Music School "Stankovic". In spare time I play the trumpet and practice karate.

Due to my ardent love of music and my knowledge of music history, I decided to dedicate this project to one of the most commercially influential jazz players of all times.

## Organizacija

### 2.1 Organizaciona šema

Sajt je napravljen tako da se sve nalazi u okviru jedne stranice (single-page).

- Index.html

### 2.2 Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
<loc>https://tacumaki99.github.io/DizzyGillespie/</loc>
<lastmod>2022-12-15T01:28:10+00:00</lastmod>
<changefreq>daily</changefreq>
<priority>1.0</priority>
</url>
</urlset>
```

### 2.3 Organizacija sajta

#### Header



U vrhu stranice sa desne strane se nalazi navigacioni meni kojim se lakse dolazi do željenih delova stranice.



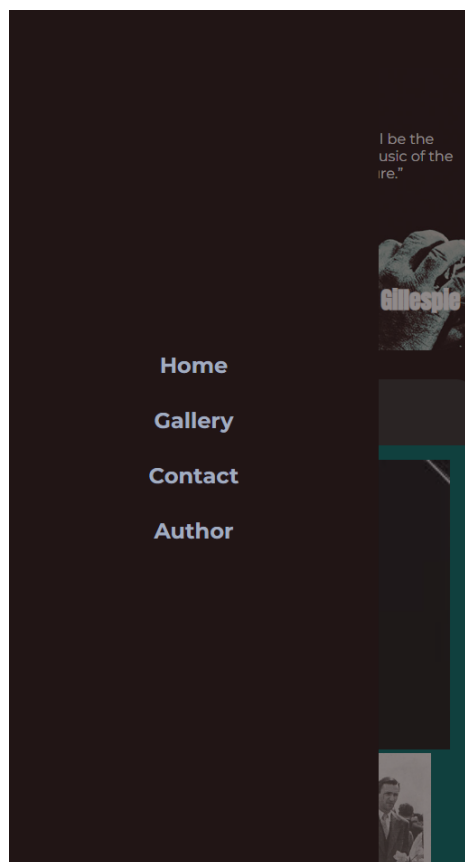
Za manju veličinu ekrana namenjen je “Hamburger dugme” kojim se otvara navikacija.

Ispis liste za navigaciju izvršava se Javascript kodom.

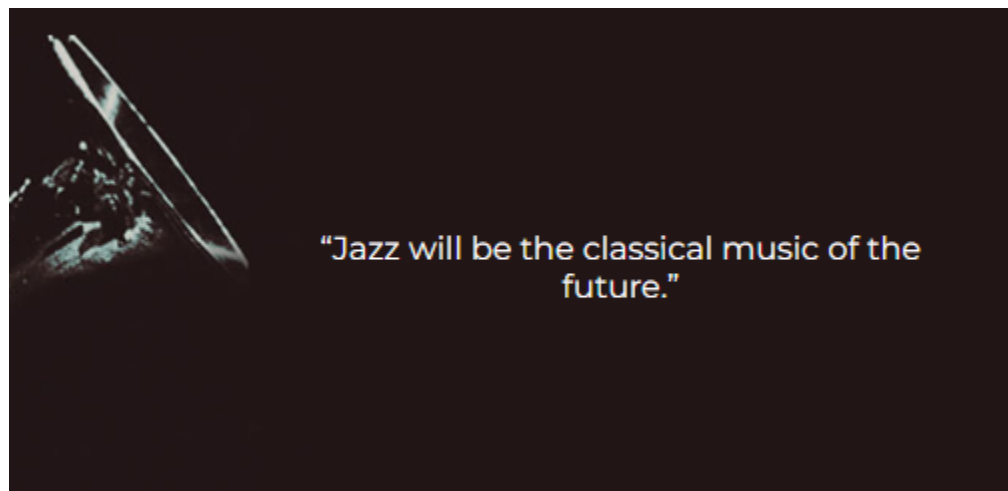
Pored navigacije u Header-u se nalazi I logo koji je vidljiv na svim vel;inama ekrana.

“Hamburger dugme” I navigacija namenjena većim dimenzijama ekrana se nikada ne pojavljuju istovremeno.

Otvaranje navigacije preko “Hamburger dugmeta” se izvršava Javascript kodom.



## Slider



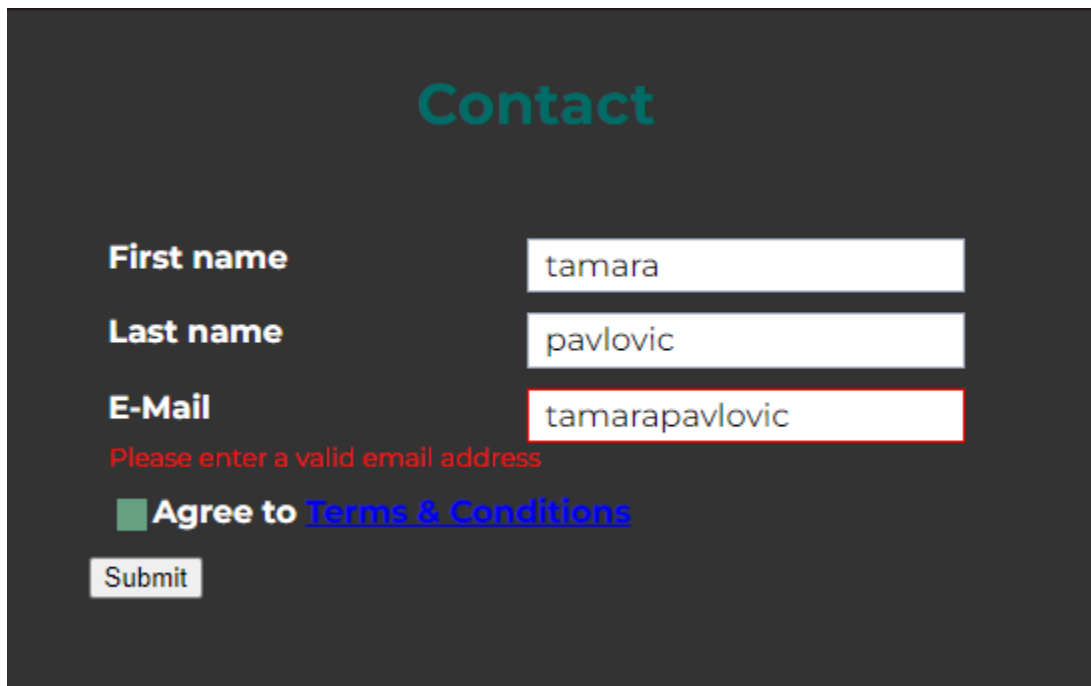
Smena teksta se izvrsava Javascript kodom I promena se desava na 4 sekunde.

## Provera Forme



A contact form titled "Contact" in teal text on a dark gray background. The form contains three input fields for "First name", "Last name", and "E-Mail", all of which are empty. Below the fields is a checkbox labeled "Agree to" followed by a blue link "Terms & Conditions". At the bottom left is a "Submit" button.

Provera Forme se izvrsava Javascriptom I vraca se informacija korisniku u slučaju da postoji pogrešno uneto polje.



The same contact form as above, but now with the input fields filled: "First name" is "tamara", "Last name" is "pavlovic", and "E-Mail" is "tamarapavlovic". The "E-Mail" field is highlighted with a red border, and a red error message "Please enter a valid email address" is displayed below it. The "Submit" button is disabled.

Forma blokira dugme u slucaju da su polja neispravno uneta ili prazna.

## Contact

**First name**

This field is required

**Last name**

This field is required

**E-Mail**

This field is required

☐ **Agree to [Terms & Conditions](#)**

You must agree to terms and conditions to proceed.

Submit



# Kodovi

## 3.1 HTML

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <meta name="author" content="Tamara Pavlović" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta
      name="description"
      content="John Birks Dizzy Gillespie, gallery and life discography"
    />
    <meta
      name="keywords"
      content="John Birks Dizzy Gillespie, Dizzy Gillespie, Birks' Work,
Anthropology, Groovin' High, Dese finado"
    />
    <title>Dizzy Gillespie</title>
    <link rel="shortcut icon" href="favicon-trumpet_player.png" />
    <link rel="stylesheet" href="main.css" />
  </head>
  <body>
    <div class="backdrop"></div>
    <header id="main-header">
      <div>
        <button class="toggle-button">
          <span class="toggle-button__bar"></span>
          <span class="toggle-button__bar"></span>
          <span class="toggle-button__bar"></span>
        </button>
        <a href="#main-header" class="main-header__brand">
          
        </a>
      </div>
      <nav class="main-nav">
        <ul class="main-nav__items">
          <!--Content is done through JavaScript => mainNav-->
        </ul>
      </nav>
    </div>
  </body>
</html>
```

```

    </nav>
</header>
<nav class="mobile-nav">
    <ul class="mobile-nav__items">
        <!--Content is done through JavaScript => mobileNav-->
    </ul>
</nav>
<main>
    <section id="overview">
        <div class="quotes-slider">
            <q>I don't care much about music. What I like is sounds.</q>
        </div>
        <div class="quotes-slider">
            <q>It's taken me all my life to learn what not to play.</q>
        </div>
        <div class="quotes-slider">
            <q>The idea of life is to give and receive.</q>
        </div>
        <div class="quotes-slider">
            <q>Jazz will be the classical music of the future.</q>
        </div>
        <h1>John Birks Dizzy Gillespie</h1>
    </section>
    <section id="gallery">
        <h1 id="gallery_title" class="section-parts_title">Gallery</h1>
        <div class="gallery_items_container">
        </div>
    </section>
    <section id="discography">
        <h1 id="discography_title" class="section-parts_title">Discography</h1>
        <div class="discography_items_container">
        </div>
    </section>
    <section id="contact" class="contact_form-section ">
        <h1 id="contact-title" class="section-parts_title">Contact</h1>
        <form action="index.html" class="contact-form" method="post">
            <div class="form-row">
                <div>
                    <label for="firstName">First name</label>
                    <input type="text" id="firstName" />
                </div>
                <span
                    class="form-err"
                    role="alert"
                    id="firstNameErr"

```

```

        aria-hidden="true"
      >
        This field is required
      </span>
    </div>
    <div class="form-row">
      <div>
        <label for="lastName">Last name</label>
        <input type="text" id="lastName" />
      </div>
      <span
        class="form-err"
        role="alert"
        id="lastNameErr"
        aria-hidden="true"
      >
        This field is required
      </span>
    </div>
    <div class="form-row">
      <div>
        <label for="email">E-Mail</label>
        <input type="email" id="email" />
      </div>
      <span
        class="form-err"
        role="alert"
        id="emailErr"
        aria-hidden="true"
      >
        This field is required
      </span>
      <span
        class="form-err"
        role="alert"
        id="emailErrValid"
        aria-hidden="true"
      >
        Please enter a valid email address
      </span>
    </div>
    <div class="signup-form__checkbox form-row">
      <div>
        <input type="checkbox" id="agreeTerms" />
        <label for="agreeTerms"

```

```

        >Agree to
        <a href="#">Terms & Conditions</a>
    </label>
</div>
<span
    class="form-err"
    role="alert"
    id="agreeTermsErr"
    aria-hidden="true"
>
    You must agree to terms and conditions to proceed.
</span>
</div>
<button id="submit" type="submit" class="button">Submit</button>
</form>
</section>
<section id="author" class="section-parts">
    <h1 id="author_title" class="section-parts_title">Author</h1>
    
    <div class="author_text">
        <p>
            Hey! My name is Tamara. I am from Belgrade. I'm currently attending
            Collage of Information and Communication Technologies. Before
            collage i finished two high schools, Zemunska gymnasium School and
            Music School "Stankovic". In spare time I play the trumpet and
            practice karate.
        </p>
        <p>
            Due to my ardent love of music and my knowledge of music history,
            I decided to dedicate this project to one of the most commercially
            influential jazz players of all times.
        </p>
    </div>
</section>
</main>
<footer class="main-footer">
    <nav>
        <ul class="main-footer__links">
            <li class="main-footer__link">
                <a href="assets/sitemap.xml">Sitemap</a>
            </li>
            <li class="main-footer__link">
                <a href="Dokumentacija.pdf">Dokumentacija</a>
            </li>
            <li class="main-footer__link">

```

```
        Copyright &#169; Tamara Pavlović 239/20
    </li>
</ul>
</nav>
</footer>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
    <script type="text/javascript" src="main.js"></script>
</body>
</html>
```

## 3.2 CSS

main.css

```
@import url('https://fonts.googleapis.com/css?family=Anton');
@import url('https://fonts.googleapis.com/css?family=Montserrat:400,700');

*{
  box-sizing: border-box;
}

html{
  height: 100%;
}

body{
  font-family: 'Montserrat', sans-serif;
  margin: 0;
  display: grid;
  grid-template-rows: 3.5rem auto fit-content(8rem);
  grid-template-areas: "header" "main" "footer";
  height: 100%;
}

.backdrop{
  position: fixed;
  display: none;
  top: 0;
  left: 0;
  z-index: 100;
  width: 100vw;
  height: 100vh;
  background: #211515;
  opacity: 0.5;
}

#main-header{
  width: 100%;
  position: fixed;
  top: 0;
  left: 0;
  background: #211515;
```

```

padding: 0.5rem 1rem;
z-index: 60;
display: flex;
align-items: center;
justify-content: space-between;
}

.toggle-button{
width: 3rem;
background: transparent;
border: none;
cursor: pointer;
padding-top: 0;
padding-bottom: 0;
vertical-align: middle;
}

.toggle-button:focus{
outline: none;
}

.toggle-button__bar{
width: 100%;
height: 0.2rem;
background: #A2ADC0;
display: block;
margin: 0.6rem 0;
}

.main-header__brand{
text-decoration: none;
font-weight: bold;
}

.main-header__brand img{
height: 2.5rem;
vertical-align: middle;
}

.main-nav{
display: none;
}

.main-nav__items{

```

```

margin: 0;
padding: 0;
list-style: none;
display: flex;
justify-content: end;
}

.main-nav__item{
margin: 0 1rem;
}

.main-nav__item a,
.mobile-nav__item a{
text-decoration: none;
color: #A2ADC0;
font-weight: bold;
padding: 0.2rem 0;
}

.main-nav__item a:hover,
.main-nav__item a:active{
color: #7c8594;
border-bottom: 5px solid #7c8594;
}

.mobile-nav{
display: none;
position: fixed;
z-index: 101;
top: 0;
left: 0;
background: #211515;
width: 80%;
height: 100vh;
}

.mobile-nav__items{
width: 90%;
height: 100%;
list-style: none;
margin: 0 auto;
padding: 0;
display: flex;
flex-direction: column;
justify-content: center;

```



```

    align-items: center;
}

.mobile-nav__item{
    margin: 1rem 0;
}

.mobile-nav__item a{
    font-size: 1.5rem;
}

.open{
    display: block !important;
}

.main-footer{
    background: black;
    padding: 2rem;
    grid-area: footer;
}

.main-footer__links{
    list-style: none;
    margin: 0;
    padding: 0;
    display: flex;
    flex-direction: column;
    align-items: center;
}

.main-footer__link{
    margin: 0.5rem 0;
    color: white;
}

.main-footer__link a{
    color: white;
    text-decoration: none;
}

.main-footer__link a:hover,
.main-footer__link a:active{
    color: #ccc;
}

```

```

main{
  grid-area: main;
  background-color: #211515;
  display: grid;
  grid-template-rows: [overview] auto [gallery] auto [discography] auto [contact]
auto [author] auto;
  grid-row-gap: 2rem;
  align-items: center;
  justify-content: center;
}

#overview{
  background: url("img/dizzy_gillespie-mainpage.jpg") left/cover no-repeat
border-box;
  width: 100%;
  height: 33vh;
  position: relative;
  grid-area: overview;
}

.quotes-slider{
  position: absolute;
  top: 4.8rem;
  right: 3%;
  color: white;
  width: 35%;
  text-align: center;
}

#overview h1{
  color: white;
  font-family: "Anton", sans-serif;
  position: absolute;
  bottom: 5%;
  right: 3%;
  font-size: 1.6rem;
}

.section-parts_title {
  color: #A2ADC0;
  text-align: center;
}

#gallery{
  grid-area: gallery;
}

```

```

    margin: auto;
    background-color: #006c67;
}

.gallery_items_container{
    display: flex;
    margin: 1rem;
    flex-wrap: wrap;
    align-items: center;
    justify-content: space-around;
}

.gallery_items__img{
    height: 10rem;
    margin: 0.5rem 0;
}

#discography{
    grid-area: discography;
    margin: auto;
    background-color: #006c67;
}

.discography_items_container{
    display: flex;
    margin: 1rem;
    flex-wrap: wrap;
    align-items: center;
    justify-content: space-around;
}

.discography_item{
    color: white;
}

#contact{
    grid-area: contact;
    background-color: #333333;
}

#author{
    grid-area: author;
}

.contact-form{

```

```

padding: 1rem;
display: block;
grid-auto-rows: 2rem;
grid-row-gap: 0.5rem;
}

.contact-form div:nth-child(1){
  flex: 1;
}

.contact-form label{
  font-weight: bold;
  color: white;
}

.contact-form label,
.contact-form input,
.contact-form select{
  display: block;
  width: 100%;
}

.contact-form input[id*="terms"],
.contact-form input[id*="terms"] + label{
  display: inline-block;
  width: auto;
  vertical-align: bottom;
}

.contact-form input:not([type="checkbox"]),
.contact-form select{
  border: 1px solid #A2ADC0;
  padding: 0.2rem 0.5rem;
  font: inherit;
}

.contact-form input:focus,
.contact-form select:focus{
  outline: none;
  background: #A2ADC0;
  border-color: #A2ADC0;
}

.contact-form input[type="checkbox"]{
  border: 1px solid #A2ADC0;

```

```

    background: white;
    width: 1rem;
    height: 1rem;
    appearance: none;
}

.contact-form input[type="checkbox"]:checked{
    background: #66a182;
    border: #66a182;
}

.contact-form_invalid,
.contact-form_invalid ,
.contact-form_invalid {
    border-color: red !important;
    background: #faacac;
}

.contact-form button[type="submit"]{
    display: block;
}

#author{
    justify-self: center;
    display: grid;
    grid-template-columns: 1fr;
    align-items: center;
}

.author_img {
    grid-row-start: 2;
    grid-row-end: 3;
    margin: 2rem;
    width: 13rem;
    justify-self: center;
}

.author_text{
    grid-row-start: 3;
    grid-row-end: 4;
    text-align: center;
    color: #A2ADC0;
}

@media(min-width:40rem){

```

```

.main-nav{
  display: flex;
}

.toggle-button {
  display: none;
}
}

@media (min-width: 40rem) and (min-height: 40rem) {
  #overview {
    height: 40vh;
    background-position: 25% 25%;
  }

  .quotes-slider {
    position: absolute;
    top: 25%;
    right: 3%;
    width: 25%;
  }

  #overview h1 {
    font-size: 3rem;
  }
}

@media (min-width: 40rem) {
  .main-footer__link {
    margin: 0 1rem;
  }

  .main-footer__links {
    flex-direction: row;
    justify-content: center;
  }
}

@media (min-width: 40rem){
  #gallery{
    border-radius: 20px;
    width: 95%;
  }

  .gallery_items__img{

```

```

    height: 20rem;
    margin: 0.5rem 0;
  }
}

@media(min-width: 40rem){
  #discography{
    border-radius: 20px;
    width: 95%;
  }

  .discography_items_container{
    display: flex;
    margin: 1rem;
    flex-wrap: wrap;
    align-items: center;
    justify-content: space-around;
  }
}

@media (min-width: 40rem) {
  .contact-form {
    margin: auto;
    width: 30rem;
    grid-template-columns: 10rem auto;
    grid-row-gap: 1rem;
    grid-column-gap: 0.5rem;
  }

  .contact-form [id="title"] {
    grid-column: span 2;
  }

  .contact-form__checkbox {
    grid-column: span 2;
  }
}

@media (min-width: 40rem){
  #author{
    grid-template-columns: 1fr 2fr;
    grid-template-rows: 6rem auto;
    width: 60%;
  }
}

```

```

#author_title{
  grid-row-start: 1;
  grid-row-end: 2;
  grid-column-start: 1;
  grid-column-end: 3;
}

.author_img {
  box-shadow: -8px -8px #777777;
}

.author_text{
  grid-row-start: 2;
  grid-row-end: 3;
  grid-column-start: 2;
  grid-column-end: 3;
}
}

.form-err{
  display: none;
  font-size: 0.8em;
}

input.invalid{
  border-color: red !important;
}

.form-err.visible{
  display: block;
  color: red;
}

#firstNameErr {
  display: none;
  font-size: 0.8em;
}

#firstNameErr.visible {
  display: block;
}

.form-row{
  display: block;
  margin: 10px;
}

```



```
}  
  
.form-row > div{  
  display: flex;  
}
```

### 3.3 JavaScript

```
main.js // Nav menu

const $main_nav__item = $('.main-nav__items');
const $mobile_nav__item = $('.mobile-nav__items');

const nav__item = [
  {
    href: 'index.html',
    name: 'Home',
  },
  {
    href: '#gallery',
    name: 'Gallery',
  },
  {
    href: '#discography',
    name: 'Discography',
  },
  {
    href: '#contact',
    name: 'Contact',
  },
  {
    href: '#author',
    name: 'Author',
  },
];

//mainNav
for (let i in nav__item) {
  $main_nav__item.append(
    `<li class="main-nav__item"><a
href="${nav__item[i].href}">${nav__item[i].name}</a></li>`
  );
}

//mainNav
//mobileNav
for (let i in nav__item) {
  $mobile_nav__item.append(
    `<li class="mobile-nav__item"><a
href="${nav__item[i].href}">${nav__item[i].name}</a></li>`
  );
}

var backdrop = document.querySelector('.backdrop');
```

```

var toggleButton = document.querySelector('.toggle-button');
var mobileNav = document.querySelector('.mobile-nav');

toggleButton.addEventListener('click', function () {
  mobileNav.classList.add('open');
  backdrop.classList.add('open');
});

backdrop.addEventListener('click', function () {
  mobileNav.classList.remove('open');
  backdrop.classList.remove('open');
});

document
  .querySelector('.mobile-nav__item')
  .addEventListener('click', function () {
    mobileNav.style.display = 'none';
    backdrop.style.display = 'none';
  });

//mobileNav
// Nav menu

// quoteSlider
let slideIndex = 0;
quoteSlidesShow();

function quoteSlidesShow() {
  let i;
  let quoteSlides = document.getElementsByClassName('quotes-slider');
  for (i = 0; i < quoteSlides.length; i++) {
    quoteSlides[i].style.display = 'none';
  }
  slideIndex++;
  if (slideIndex > quoteSlides.length) {
    slideIndex = 1;
  }
  quoteSlides[slideIndex - 1].style.display = 'block';
  setTimeout(quoteSlidesShow, 4000);
}

// quoteSlider

//gallery

const $gallery_item = $('.gallery_items_container');

```

```

const gallery_items__img = [
  {
    src: 'img/dizzygillespie.jpg',
    alt: 'John Birks Dizzy Gillespie',
    text: "John Birks 'Dizzy' Gillespie was an American jazz trumpeter,
bandleader, composer, educator and singer.",
  },
  {
    src: 'img/dizzy-gillespie-beograd-1955.jpg',
    alt: 'John Birks Dizzy Gillespie',
    text: "Dizzy Gillespie first time in Belgrade. Dizzy Gillespie had his first
concert in Belgrade, 1955. in the premises of Kolarac",
  },
  {
    src: 'img/DizzyGillespieBalloonCheeks.jpg',
    alt: 'Dizzy Gillespie`s Balloon Cheeks',
    text: "He was know for his balloon cheeks. His mouth's buccinator muscles
that line the cheeks were very streched and deformed.",
  },
  {
    src: 'img/trumpeter,bandleader.jpg',
    alt: 'Jazz ansambl',
    text: "He was a trumpeter, bandleader, composer, educator and singer.",
  }
,
  {
    src: 'img/unique_trumpet.jpg',
    alt: 'Dizzy Gillespie`s unique trumpet',
    text: "His unique trumpet desinge comes from accidental damage that happend
on stage. The dancers Stump and Stumpy falling onto the instrument while it was
on a trumpet stand on stage at Snookie's in Manhattan on January 6. 1953.",
  }
];

for (let i in gallery_items__img) {
  $gallery_item.append(
    ``
  );
}

//gallery

```

```

//discography
const $discography_item = $('.discography_items_container');
const discography_items_albums = [
  {
    id: 1,
    text: 'Afro',
    year: 1954
  },
  {
    id: 2,
    text: 'Sonny Side Up',
    year: 1959
  },
  {
    id: 3,
    text: 'Have Trumpet, Will Excite!',
    year: 1959
  },
  {
    id: 4,
    text: 'Swing Low, Sweet Cadillac',
    year: 1967
  },
  {
    id: 5,
    text: 'Bird and Diz',
    year: 1952
  },
  {
    id: 6,
    text: 'For Musicians Only',
    year: 1958
  }
];
/*
const discography_items_songs = [
  {
    text: 'Manteca theam',
    written_by: 'Dizzy Gillespie, Chano Pozo and Gil Fuller',
    parent_id: 1
  }
]
*/
for (let i in discography_items_albums) {
  $discography_item.append(

```

```

    `<div class="discography_item"><p>${discography_items_albums[i].text} |
    ${discography_items_albums[i].year}</p></div>`
  );
}
//discography

//contact
var first_name = document.getElementById('first_name');
var last_name = document.getElementById('last_name');
var email = document.getElementById('email');
var agree_terms = document.getElementById('agree-terms');

const submit = document.getElementById('submit');

submit.addEventListener('click', validateForm);

function validateForm(e) {
  e.preventDefault();

  const firstName = document.getElementById('firstName');
  const firstNameErr = document.getElementById('firstNameErr');
  const lastName = document.getElementById('lastName');
  const lastNameErr = document.getElementById('lastNameErr');
  const email = document.getElementById('email');
  const emailErr = document.getElementById('emailErr');
  const agreeTerms = document.getElementById('agreeTerms');
  const agreeTermsErr = document.getElementById('agreeTermsErr');

  if (!firstName.value) {
    firstNameErr.classList.add('visible');
    firstName.classList.add('invalid');
    firstNameErr.setAttribute('aria-hidden', false);
    firstName.setAttribute('aria-invalid', true);
  }
  else {
    firstNameErr.classList.remove('visible');
    firstName.classList.remove('invalid');
    firstNameErr.setAttribute('aria-hidden', true);
    firstName.setAttribute('aria-invalid', false);
  }

  if (!lastName.value) {
    lastNameErr.classList.add('visible');
    lastName.classList.add('invalid');
    lastNameErr.setAttribute('aria-hidden', false);

```

```

        lastNameErr.setAttribute('aria-invalid', true);
    }
    else {
        lastNameErr.classList.remove('visible');
        lastName.classList.remove('invalid');
        lastNameErr.setAttribute('aria-hidden', true);
        lastNameErr.setAttribute('aria-invalid', false);
    }

    console.log(email.value);
    if (!email.value) {
        emailErr.classList.add('visible');
        email.classList.add('invalid');
        emailErr.setAttribute('aria-hidden', false);
        email.setAttribute('aria-invalid', true);
    } else if (
        !email.value
        .toLowerCase()
        .match(
            /^(([^<>()[]\.,;:\s@"]+)(\.([^<>()[]\.,;:\s@"]+)*)|("\.+\"))@((([^<>()[]\.,;:\s@"]+\.)+)[^<>()[]\.,;:\s@"]{2,})$/i
        )
    ) {
        emailErrValid.classList.add('visible');
        email.classList.add('invalid');
        emailErrValid.setAttribute('aria-hidden', false);
        email.setAttribute('aria-invalid', true);
    }
    else {
        emailErrValid.classList.remove('visible');
        email.classList.remove('invalid');
        emailErrValid.setAttribute('aria-hidden', true);
        email.setAttribute('aria-invalid', false);
    }

    if (!agreeTerms.checked) {
        agreeTermsErr.classList.add('visible');
        agreeTerms.classList.add('invalid');
        agreeTermsErr.setAttribute('aria-hidden', false);
        agreeTerms.setAttribute('aria-invalid', true);
    }
    else {
        agreeTermsErr.classList.remove('visible');
        agreeTerms.classList.remove('invalid');
        agreeTermsErr.setAttribute('aria-hidden', true);
    }

```

```
    agreeTerms.setAttribute('aria-invalid', false);  
  }  
}  
//contact
```