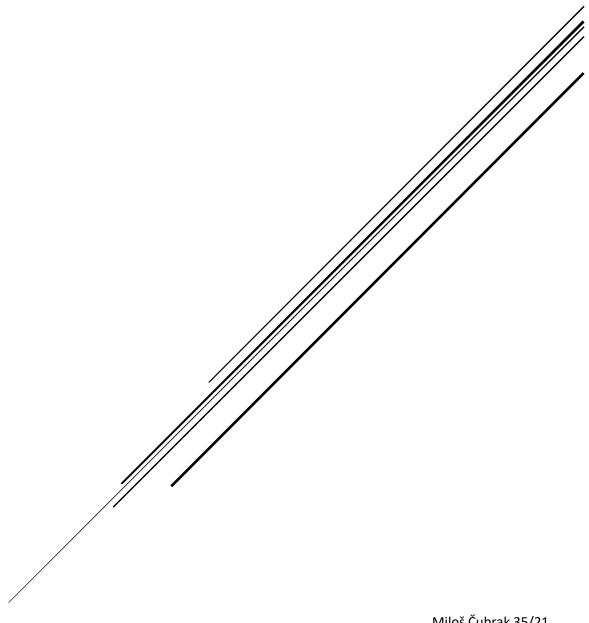
Lock&Key

Projekat iz Web programiranja 1 https://lthechubbyl.github.io/lock_key/



Miloš Čubrak 35/21 Internet Tehnologije

Table of Contents

<u>1</u>	<u>UVOD.</u>		
1.1	Korišćeni programski jezici		
1.2	O PIS F	FUNKCIONALNOSTI	2
1.3	TEMPLATE		
<u>2</u>	ORGANIZACIJA		
2.1	Orga	NIZACIONA ŠEMA	3
2.2	2 Mapa sajta		3
2.3	SLIKE	STRANICA I OPISI FUNKCIONALNOSTI	4
<u>3</u>	KODOV	/1	10
3.1	HTML		10
	3.1.1	index.html	10
	3.1.2	contact.html	20
3.2	CSS		28
	3.2.1	my-style.css	28
	3.2.2	style.css - (template)	29
3.3	JAVASCRIPT		40
	3.3.1	main.js	40
	3.3.2	custom-jquery.js	52
	3.3.3	template-main.js - (template)	53

LOCK&KEY

1 Uvod

1.1 KORIŠĆENI PROGRAMSKI JEZICI

- HTML5, CSS3, Bootstrap 5.2, JavaScript, JQuery, Owl Carousel, Wow.js
- Visual Studio Code

1.2 OPIS FUNKCIONALNOSTI

- Dinamicko kreiranje navigacije
- Slider pomocu Owl Carousel
- Filtriranje elemenata kroz ddl
- Filtriranje elementa preko tastera
- Ispisivanje dodatnog tekstualnog sadrzaja preko dugmeta
- Elementi koji se ponavljaju su kreirani putem javascripta
- Dinamicko kreiranje footer-a
- Validacija forme, koriscenje regularnih izraza i ispisivanje gresaka

1.3 TEMPLATE

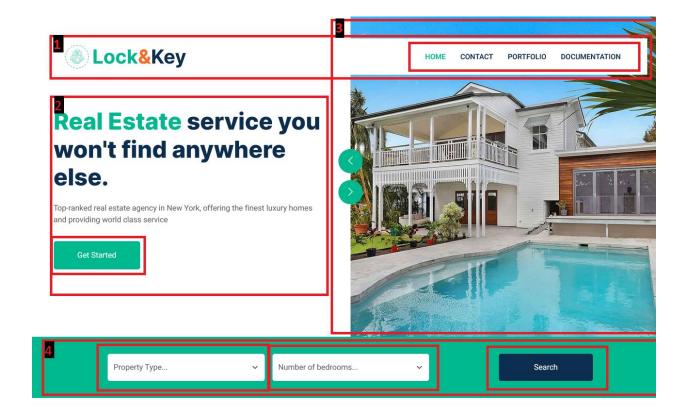
- https://htmlcodex.com/real-estate-html-template-free/

2.1 ORGANIZACIONA ŠEMA

index.html contact.html

2.2 MAPA SAJTA

2.3 SLIKE STRANICA I OPISI FUNKCIONALNOSTI



<u>1.</u>

- Dinamicko kreiranje linkova unutar navigacionog menija
- Dodeljivanje active klase ispitivanjem title taga

<u>2.</u>

- Taster "Get Started" vodi do sekcije "Property Listing"

<u>3.</u>

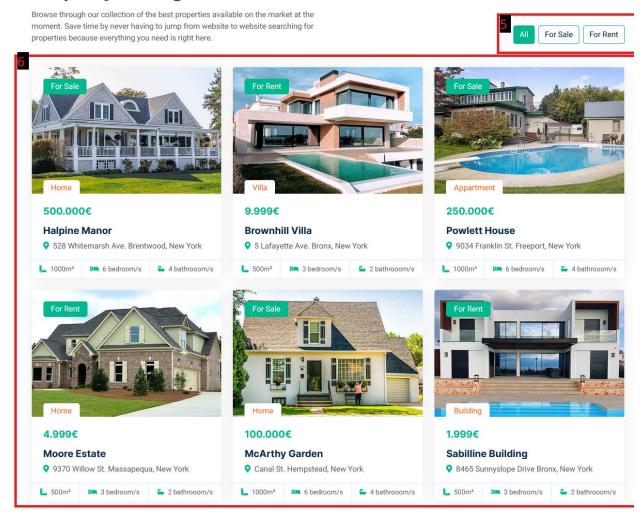
- Slider kreiran pomocu Owl Carousel

<u>4.</u>

- Omoguceno filtriranje pomocu "Property Type" DropDownList i "Number of bedrooms"
 DropDownList, obe liste su dinamicki kreirane
- Unutar "Property Type" DDL se bira tip objekta od ponudjenih "Appartment, Building, Home, Villa"
- Unutar "Number of bedrooms" DDL se bira broj soba od ponudjenih "3 bedroom/s, 6 bedroom/s"

- Klikom na taster "Search" se poziva funkcija koja filtira elemente u sledecoj sekciji "Property Listing" prema uputstvima bilo koje kombinacije odabira unutar obe liste

Property Listing



<u>5.</u>

- Opcije filtriranja elemenata unutar sekcije
- "All" prikaz svih elemenata
- "For Sale" prikaz samo onih elemenata sa oznakom "For Sale", odnosno koji se prodaju
- "For Rent" prikaz samo onih elemenata sa oznakom "For Rent", odnosno koji se iznajmljuju

<u>6.</u>

- Dinamicki kreirani elementi zajedno sa svim sadrzajem koristeci dvodimenzionalni niz podataka
- Prelaskom preko bilo kog elementa, slika se zoom-ira



Leading the Way Since 1911

Lock&Key, the place to find the perfect property. Above all, we are passionate about delivering unparalleled experiences. From sales, rentals and new development to mortgages and title insurance, our agents are relentless advocates for our clients. Our team is the top in the industry—they have access to the best and most reliable information and education, allowing them to expertly advise at every stage.



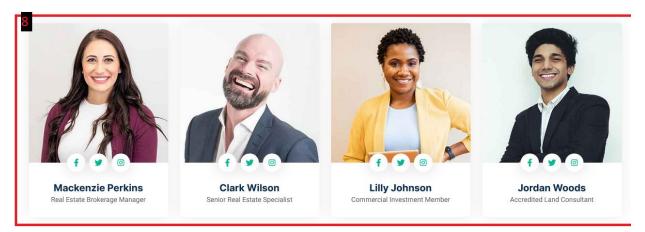


<u>7.</u>

 Klikom na taster "Read More" se dinamicki prikazuje dodatni paragraf pomocu .slideToggle('slow')

Property Agents

The people that made this company what it is today.



Our Clients Say!

Some of the latest reviews from our extremely satisfied customers.





<u>8.</u>

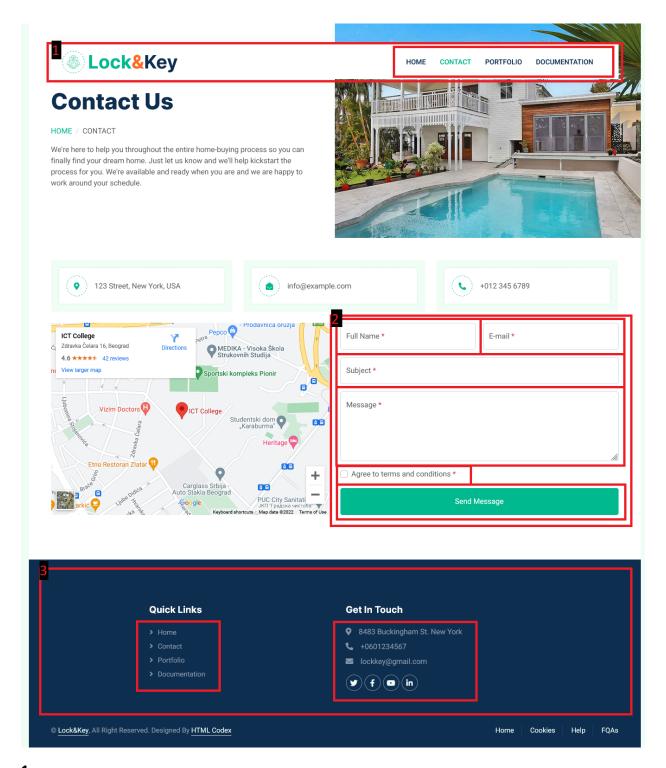
- Elementi sekcije su dinamicki kreirani iz javascripta

<u>9.</u>

- Sadrzaj slider-a formiran kroz javascript iz matrice, a funkcionalnost pomocu Owl Carousel

<u> 10.</u>

- Linkovi unutar "Quick Links" kreirani iz niza
- Sadrzaj unutar "Get in touch" zajedno sa ikonicama kreiran iz niza



<u>1.</u>

- Dinamicko kreiranje linkova unutar navigacionog menija
- Dodeljivanje active klase ispitivanjem title taga

<u>2.</u>

- Klikom na taster "Send message" se poziva funkcija koja proverava ispravnost unetih podataka u svako polje forme
- Validacija forme pomocu regularnih izraza
- Ukoliko postoji greska prilikom unosa, svaki deo forme koji je pogresno popunjen dobije crvenu borduru i ima zaseban element odmah ispod polja, koje ce se prikazati i u kome ce biti ispisana greska, sta podrazumeva polje zajedno sa pravilnim primerom unosa
- Sva polja su obavezna zajedno sa checkbox-om
- Ukoliko ne postoji greska prilikom unosa, forma se resetuje, prikazuje se sakriveni element ispod forme sa porukom o uspesnom popunjavanju forme i poslatom porukom

<u>3.</u>

- Linkovi unutar "Quick Links" kreirani iz niza
- Sadrzaj unutar "Get in touch" zajedno sa ikonicama kreiran iz niza

3 Kodovi

3.1 HTML

3.1.1 index.html

```
link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600&fami
ly=Inter:wght@700;800&display=swap" rel="stylesheet">
        <link href="assets/css/my-style.css" rel="stylesheet">
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAq046Mgn0M80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
crossorigin="anonymous">
        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/5.10.0/css/all.min.css" rel="stylesheet">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap-</pre>
icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
        <!-- Libraries Stylesheet -->
        <link href="lib/animate/animate.min.css" rel="stylesheet">
        <link href="lib/owlcarousel/assets/owl.carousel.min.css"</pre>
rel="stylesheet">
        <!-- Customized Bootstrap Stylesheet -->
        <link href="css/bootstrap.min.css" rel="stylesheet">
        <link href="css/style.css" rel="stylesheet">
    </head>
    <body>
        <div class="container-xxl bg-white p-0">
            <div class="container-fluid nav-bar bg-transparent">
                <nav class="navbar navbar-expand-lg bg-white navbar-light</pre>
py-0 px-4">
                     <a href="index.html" class="navbar-brand d-flex align-</pre>
items-center text-center">
                         <div class="icon p-2 me-2">
                             <img class="img-fluid" src="img/icon-deal.png"</pre>
alt="Icon" style="width: 30px; height: 30px;">
                        </div>
```

```
<h1 class="m-0 text-primary">Lock<span
class="text-secondary">&</span><span class="text-dark">Key</span></h1>
                    </a>
                    <button type="button" class="navbar-toggler" data-bs-</pre>
toggle="collapse" data-bs-target="#navbarCollapse">
                        <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse"</pre>
id="navbarCollapse">
                    </div>
                </nav>
            </div>
            <div class="container-fluid header bg-white p-0">
                <div class="row g-0 align-items-center flex-column-reverse</pre>
flex-md-row">
                    <div class="col-md-6 p-5 mt-lg-5">
                        <h1 class="display-5 animated fadeIn mb-4"><span
class="text-primary">Real Estate</span> service you won't find anywhere
else.</h1>
                        Top-ranked
real estate agency in New York, offering the finest luxury homes and
providing world class service
                        <a href="#property-section" class="btn btn-primary</pre>
py-3 px-5 me-3 animated fadeIn">Get Started</a>
                    </div>
                    <div class="col-md-6 animated fadeIn">
                        <div class="owl-carousel header-carousel">
                            <div class="owl-carousel-item">
                                <img class="img-fluid" src="img/carousel-</pre>
1.jpg" alt="">
                            </div>
                            <div class="owl-carousel-item">
                                <img class="img-fluid" src="img/carousel-</pre>
2.jpg" alt="">
                            </div>
                        </div>
                    </div>
                </div>
            </div>
```

```
<!-- Search Start -->
            <div class="container-fluid bg-primary mb-5 wow fadeIn" data-</pre>
wow-delay="0.1s" style="padding: 35px;">
                <div class="container">
                    <div class="row g-2 justify-content-center">
                        <div class="col-md-8">
                             <div class="row g-3">
                                 <div class="col-md-5 search-form-item">
                                 </div>
                                 <div class="col-md-5 search-form-item">
                                 </div>
                             </div>
                        </div>
                        <div class="col-md-2">
                             <a id="search-btn" href="#search-btn"</pre>
class="btn btn-dark border-0 w-100 py-3">Search</a>
                        </div>
                    </div>
                </div>
            </div>
            <!-- Search End -->
            <div class="container-xxl py-5" id="property-section">
                <div class="container">
                    <div class="row g-0 gx-5 align-items-end">
                        <div class="col-lg-6">
                             <div class="text-start mx-auto mb-5 wow</pre>
slideInLeft" data-wow-delay="0.1s">
                                 <h1 class="mb-3">Property Listing</h1>
                                 Browse through our collection of the
best properties available on the market at the moment. Save time by never
having to jump from website to website searching for properties because
everything you need is right here.
                            </div>
                        </div>
                        <div class="col-lg-6 text-start text-lg-end wow</pre>
slideInRight" data-wow-delay="0.1s">
```

```
justify-content-end mb-5" id="property-filters">
                            <a class="btn btn-outline-primary</pre>
active data-bs-toggle="pill" href="#property-section-content">All</a>
                            <a class="btn btn-outline-primary"</pre>
data-bs-toggle="pill" href="#property-section-content">For Sale</a>
                            <a class="btn btn-outline-primary"</pre>
data-bs-toggle="pill" href="#property-section-content">For Rent</a>
                            </div>
                 </div>
                 <div class="tab-content">
                     <div id="tab-1" class="tab-pane fade show p-0</pre>
active">
                         <div class="row g-4" id="property-section-</pre>
content">
                            info text-center h5 p-5 hide"><i class="bi bi-info-square</pre>
h2"></i></br></br>
                         </div>
                     </div>
                 </div>
              </div>
          </div>
          <div class="container-xxl py-5">
              <div class="container">
                 <div class="row g-5 align-items-center">
                     <div class="col-lg-6 wow fadeIn" data-wow-</pre>
delay="0.1s">
                         <div class="about-img position-relative</pre>
overflow-hidden p-5 pe-0">
                            <img class="img-fluid w-100"</pre>
src="img/about.jpg">
```

```
</div>
                        </div>
                        <div class="col-lg-6 wow fadeIn" data-wow-</pre>
delay="0.5s">
                            <h1 class="mb-4">Leading the Way Since
1911</h1>
                            Lock&Key, the place to find
the perfect property. Above all, we are passionate about delivering
unparalleled experiences. From sales, rentals and new development to
mortgages and title insurance, our agents are relentless advocates for our
clients. Our team is the top in the industry—they have access to the best
and most reliable information and education, allowing them to expertly
advise at every stage.
                            We are backed
by over a century's worth of insights and expertise We represent owners
and tenants of all sizes across all industries, our goal is to achieve
your objectives more easily. As the most trusted brand with the largest
global network, Lock&Key is a genuine home for agents. By helping agents
to be exceptional at what they do, we are ensuring that our customers
receive the best level of service.
                            <button id="read-more-btn" class="btn btn-</pre>
primary py-3 px-5 mt-3">Read More</button>
                        </div>
                    </div>
                </div>
            </div>
            <div class="container-xxl py-5">
                <div class="container">
                    <div class="bg-light rounded p-3">
                        <div class="bg-white rounded p-4" style="border:</pre>
1px dashed rgba(0, 185, 142, .3)">
                            <div class="row g-5 align-items-center">
                                <div class="col-lg-6 wow fadeIn" data-wow-</pre>
delay="0.1s">
                                    <img class="img-fluid rounded w-100"</pre>
src="img/call-to-action.jpg" alt="">
                                </div>
                                <div class="col-lg-6 wow fadeIn" data-wow-</pre>
delay="0.5s">
```

```
<div class="mb-4">
                                        <h1 class="mb-3">Contact With Our
Certified Agent</h1>
                                        If you have any questions dont
hesitate to contact one of our agents with through a phone call.
                                    </div>
                                    <a href="tel:0601234567" class="btn</pre>
btn-secondary py-3 px-4 me-2"><i class="fa fa-phone-alt me-2"></i>Make A
Call</a>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <div class="container-xxl py-5">
                <div class="container">
                    <div class="text-center mx-auto mb-5 wow fadeInUp"</pre>
data-wow-delay="0.1s" style="max-width: 600px;">
                        <h1 class="mb-3">Property Agents</h1>
                        The people that made this company what it is
today.
                    </div>
                    <div id="agent-section" class="row g-4">
                    </div>
                </div>
            </div>
            <div class="container-xxl py-5">
                <div class="container">
                    <div class="text-center mx-auto mb-5 wow fadeInUp"</pre>
data-wow-delay="0.1s" style="max-width: 600px;">
                        <h1 class="mb-3">Our Clients Say!</h1>
                        Some of the latest reviews from our extremely
satisfied customers.
```

```
<div id="testimonials" class="owl-carousel</pre>
testimonial-carousel wow fadeInUp" data-wow-delay="0.1s">
                    </div>
                </div>
            </div>
            <div class="container-fluid bg-dark text-white-50 footer pt-5</pre>
mt-5 wow fadeIn" data-wow-delay="0.1s">
                <div class="container py-5">
                     <div class="row g-5 justify-content-center">
                         <div id="footer-quick-link" class="col-md-4">
                             <h5 class="text-white mb-4">Quick Links</h5>
                        </div>
                         <div id="footer-info" class="col-md-4">
                             <h5 class="text-white mb-4">Get In Touch</h5>
                         </div>
                    </div>
                </div>
                <div class="container">
                    <div class="copyright">
                         <div class="row">
                             <div class="col-md-6 text-center text-md-start</pre>
mb-3 mb-md-0">
                                 © <a class="border-bottom"</pre>
href="index.html">Lock&Key</a>, All Right Reserved.
you keep the footer author's credit link/attribution link/backlink. If
                                 Designed By <a class="border-bottom"
href="https://htmlcodex.com">HTML Codex</a>
                             </div>
                             <div class="col-md-6 text-center text-md-end">
                                 <div class="footer-menu">
                                     <a href="index.html">Home</a>
                                     <a href="#">Cookies</a>
                                     <a href="#">Help</a>
```

```
<a href="#">FQAs</a>
                                 </div>
                             </div>
                        </div>
                    </div>
                </div>
            </div>
            <a href="#" class="btn btn-lg btn-primary btn-lg-square back-</pre>
to-top"><i class="bi bi-arrow-up"></i></a>
        </div>
        <!-- JavaScript Libraries -->
        <script src="https://code.jquery.com/jquery-</pre>
3.4.1.min.js"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle
.min.js"></script>
        <script src="lib/wow/wow.min.js"></script>
        <script src="lib/easing/easing.min.js"></script>
        <script src="lib/waypoints/waypoints.min.js"></script>
        <script src="lib/owlcarousel/owl.carousel.min.js"></script>
        <script src="assets/js/main.js"></script>
        <script src="assets/js/custom-jquery.js"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
kenU1KFdBIe4zVF0s0G1M5b4hcpxyD9F7jL+jjXkk+Q2h455rYXK/7HAuoJl+0I4"
crossorigin="anonymous"></script>
        <script src="js/template-main.js"></script>
    </body>
</html>
```

3.1.2 contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Lock&Key | Contact</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">
    <link href="img/favicon.ico" rel="icon">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    k
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600&fami
ly=Inter:wght@700;800&display=swap" rel="stylesheet">
    <link href="assets/css/my-style.css" rel="stylesheet"/>
    k
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAq046Mgn0M80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
crossorigin="anonymous"/>
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-</pre>
icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css"</pre>
rel="stylesheet">
   <!-- Customized Bootstrap Stylesheet -->
```

```
<link href="css/bootstrap.min.css" rel="stylesheet">
    <link href="css/style.css" rel="stylesheet">
</head>
<body>
    <div class="container-xxl bg-white p-0">
        <div class="container-fluid nav-bar bg-transparent">
            <nav class="navbar navbar-expand-lg bg-white navbar-light py-0</pre>
px-4">
                <a href="index.html" class="navbar-brand d-flex align-</pre>
items-center text-center">
                    <div class="icon p-2 me-2">
                       <img class="img-fluid" src="img/icon-deal.png"</pre>
alt="Icon" style="width: 30px; height: 30px;">
                    </div>
                    <h1 class="m-0 text-primary">Lock<span class="text-
secondary">&</span><span class="text-dark">Key</span></h1>
                </a>
                <button type="button" class="navbar-toggler" data-bs-</pre>
toggle="collapse" data-bs-target="#navbarCollapse">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarCollapse">
                </div>
            </nav>
        </div>
        <div class="container-fluid header bg-white p-0">
            <div class="row g-0 align-items-center flex-column-reverse"</pre>
flex-md-row">
                <div class="col-md-6 p-5 mt-lg-5">
                    <h1 class="display-5 animated fadeIn mb-4">Contact
Us</h1>
                        <nav aria-label="breadcrumb animated fadeIn">
                            <a</pre>
href="index.html">Home</a>
```

```
active" aria-current="page">Contact
                            </nav>
                    We're here to help you throughout the entire home-
buying process so you can finally find your dream home. Just let us know
and we'll help kickstart the process for you. We're available and ready
when you are and we are happy to work around your schedule.
                </div>
                <div class="col-md-6 animated fadeIn">
                    <img class="img-fluid" src="img/header.jpg" alt="">
                </div>
            </div>
        </div>
        <div class="container-xxl py-5">
            <div class="container-fluid">
                <div class="row g-4">
                    <div class="col-12">
                        <div class="row gy-4">
                            <div class="col-md-6 col-lg-4 wow fadeIn"</pre>
data-wow-delay="0.1s">
                                <div class="bg-light rounded p-3">
                                    <div class="d-flex align-items-center</pre>
bg-white rounded p-3" style="border: 1px dashed rgba(0, 185, 142, .3)">
                                        <div class="icon me-3"</pre>
style="width: 45px; height: 45px;">
                                            <i class="fa fa-map-marker-alt</pre>
text-primary"></i>
                                        </div>
                                        <span>123 Street, New York,
USA</span>
                                    </div>
                                </div>
                            </div>
                            <div class="col-md-6 col-lg-4 wow fadeIn"</pre>
data-wow-delay="0.3s">
                                <div class="bg-light rounded p-3">
                                    <div class="d-flex align-items-center</pre>
bg-white rounded p-3" style="border: 1px dashed rgba(0, 185, 142, .3)">
```

```
<div class="icon me-3"</pre>
style="width: 45px; height: 45px;">
                                              <i class="fa fa-envelope-open</pre>
text-primary"></i>
                                          </div>
                                          <span>info@example.com</span>
                                      </div>
                                  </div>
                             </div>
                             <div class="col-md-6 col-lg-4 wow fadeIn"</pre>
data-wow-delay="0.5s">
                                  <div class="bg-light rounded p-3">
                                      <div class="d-flex align-items-center</pre>
bg-white rounded p-3" style="border: 1px dashed rgba(0, 185, 142, .3)">
                                          <div class="icon me-3"</pre>
style="width: 45px; height: 45px;">
                                              <i class="fa fa-phone-alt</pre>
text-primary"></i>
                                          </div>
                                          <span>+012 345 6789</span>
                                      </div>
                                  </div>
                             </div>
                         </div>
                     </div>
                     <div class="col-md-6 wow fadeInUp" data-wow-</pre>
delay="0.1s">
                         <iframe class="position-relative rounded w-100 h-</pre>
100"
                         src="https://www.google.com/maps/embed?pb=!1m18!1m
12!1m3!1d2830.3586717145054!2d20.482226115733457!3d44.81425718459493!2m3!1
f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x475a7a9609031735%3A0xc17ed7
1f59ac4725!2sICT%20College!5e0!3m2!1sen!2srs!4v1671078028178!5m2!1sen!2srs
                             frameborder="0" style="min-height: 400px;
border:0;" allowfullscreen="" aria-hidden="false"
                             tabindex="0"></iframe>
                     </div>
                     <div class="col-md-6">
                         <div class="wow fadeInUp" data-wow-delay="0.5s">
                             <form name="form-contact" id="form-contact">
                                  <div class="row g-3">
                                      <div class="col-md-6">
```

```
<div class="form-floating">
                                         <input type="text"</pre>
class="form-control" id="form-name" placeholder="Your Full Name"/>
                                        <label for="form-name">Full
Name<span class="text-danger ms-1">*</span></label>
                                     </div>
                                     alert-danger mt-1 p-2 hide">
                                 </div>
                                 <div class="col-md-6">
                                     <div class="form-floating">
                                         <input type="email"</pre>
class="form-control" id="form-email" placeholder="Your Email"/>
                                         <label for="form-email">E-
mail<span class="text-danger ms-1">*</span></label>
                                     alert-danger mt-1 p-2 hide">
                                 </div>
                                 <div class="col-12">
                                     <div class="form-floating">
                                         <input type="text"</pre>
class="form-control" id="form-subject" placeholder="Subject"/>
                                         <label for="form-</pre>
subject">Subject<span class="text-danger ms-1">*</span></label>
                                     alert-danger mt-1 p-2 hide">
                                 </div>
                                 <div class="col-12">
                                     <div class="form-floating">
                                         <textarea class="form-control"</pre>
placeholder="Leave a message here" id="form-message" style="height:
150px"/></textarea>
                                         <label for="form-</pre>
message">Message<span class="text-danger ms-1">*</span></label>
                                     alert-danger mt-1 p-2 hide">
                                 </div>
                                 <div class="col-12">
                                    <div class="form-check">
```

```
<input class="form-check-</pre>
input" type="checkbox" id="form-terms-conditions"/>
                                          <label class="form-check-</pre>
label" for="form-terms-conditions">Agree to terms and conditions<span
class="text-danger ms-1">*</span></label>
                                       </div>
                                       alert-danger mt-1 p-2 hide">
                                   </div>
                                   <div class="col-12">
                                      <input type="button" id="form-btn"</pre>
class="btn btn-primary w-100 py-3" value="Send Message"/>
                                   </div>
                               </div>
                               alert-success mt-2 p-2 text-center hide">
                           </form>
                       </div>
                   </div>
               </div>
           </div>
       </div>
       <div class="container-fluid bg-dark text-white-50 footer pt-5 mt-5</pre>
wow fadeIn" data-wow-delay="0.1s">
           <div class="container py-5">
               <div class="row g-5 justify-content-center">
                   <div id="footer-quick-link" class="col-md-4">
                       <h5 class="text-white mb-4">Quick Links</h5>
                   </div>
                   <div id="footer-info" class="col-md-4">
                       <h5 class="text-white mb-4">Get In Touch</h5>
                   </div>
               </div>
           </div>
           <div class="container">
               <div class="copyright">
                   <div class="row">
                       <div class="col-md-6 text-center text-md-start mb-</pre>
3 mb-md-0">
```

```
© <a class="border-bottom"</pre>
href="index.html">Lock&Key</a>, All Right Reserved.
keep the footer author's credit link/attribution link/backlink. If you'd
                            Designed By <a class="border-bottom"
href="https://htmlcodex.com">HTML Codex</a>
                        </div>
                        <div class="col-md-6 text-center text-md-end">
                            <div class="footer-menu">
                                <a href="index.html">Home</a>
                                <a href="#">Cookies</a>
                                <a href="#">Help</a>
                                 <a href="#">FQAs</a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        <a href="#" class="btn btn-lg btn-primary btn-lg-square back-to-</pre>
top"><i class="bi bi-arrow-up"></i></a>
    </div>
    <!-- JavaScript Libraries -->
    <script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle
.min.js"></script>
    <script src="lib/wow/wow.min.js"></script>
    <script src="lib/easing/easing.min.js"></script>
    <script src="lib/waypoints/waypoints.min.js"></script>
    <script src="lib/owlcarousel/owl.carousel.min.js"></script>
    <script src="assets/js/main.js"></script>
```

3.2 CSS

3.2.1 my-style.css

```
.hide {
    display: none !important;
}
.error-message {
    font-size: 0.8rem;
}
```

3.2.2 style.css - (template)

```
:root {
    --primary: #00B98E;
    --secondary: #FF6922;
    --light: #EFFDF5;
    --dark: #0E2E50;
.back-to-top {
    position: fixed;
    display: none;
    right: 45px;
    bottom: 45px;
    z-index: 99;
#spinner {
    opacity: 0;
    visibility: hidden;
    transition: opacity .5s ease-out, visibility 0s linear .5s;
    z-index: 99999;
#spinner.show {
    transition: opacity .5s ease-out, visibility 0s linear 0s;
    visibility: visible;
    opacity: 1;
.btn {
    transition: .5s;
.btn.btn-primary,
.btn.btn-secondary {
    color: #FFFFFF;
```

```
.btn-square {
   width: 38px;
   height: 38px;
.btn-sm-square {
   width: 32px;
   height: 32px;
.btn-lg-square {
   width: 48px;
   height: 48px;
.btn-square,
.btn-sm-square,
.btn-lg-square {
   padding: 0;
   display: flex;
   align-items: center;
   justify-content: center;
   font-weight: normal;
   border-radius: 50px;
.nav-bar {
   position: relative;
   margin-top: 45px;
   padding: 0 3rem;
   transition: .5s;
   z-index: 9999;
.nav-bar.sticky-top {
   position: sticky;
   padding: 0;
   z-index: 9999;
```

```
.navbar {
    box-shadow: 0 0 30px rgba(0, 0, 0, .08);
.navbar .dropdown-toggle::after {
    border: none;
    content: "\f107";
   font-family: "Font Awesome 5 Free";
    font-weight: 900;
    vertical-align: middle;
    margin-left: 5px;
    transition: .5s;
.navbar .dropdown-toggle[aria-expanded=true]::after {
    transform: rotate(-180deg);
.navbar-light .navbar-nav .nav-link {
    margin-right: 30px;
    padding: 25px 0;
   color: #FFFFFF;
   font-size: 15px;
    text-transform: uppercase;
    outline: none;
.navbar-light .navbar-nav .nav-link:hover,
.navbar-light .navbar-nav .nav-link.active {
    color: var(--primary);
@media (max-width: 991.98px) {
    .nav-bar {
        margin: 0;
        padding: 0;
    .navbar-light .navbar-nav .nav-link {
        margin-right: 0;
        padding: 10px 0;
```

```
.navbar-light .navbar-nav {
        border-top: 1px solid #EEEEEE;
.navbar-light .navbar-brand {
    height: 75px;
.navbar-light .navbar-nav .nav-link {
    color: var(--dark);
    font-weight: 500;
@media (min-width: 992px) {
    .navbar .nav-item .dropdown-menu {
        display: block;
        top: 100%;
        margin-top: 0;
        transform: rotateX(-75deg);
        transform-origin: 0% 0%;
        opacity: 0;
        visibility: hidden;
        transition: .5s;
    .navbar .nav-item:hover .dropdown-menu {
        transform: rotateX(0deg);
        visibility: visible;
        transition: .5s;
        opacity: 1;
@media (min-width: 992px) {
    .header {
        margin-top: -120px;
```

```
.header-carousel .owl-nav {
    position: absolute;
    top: 50%;
    left: -25px;
    transform: translateY(-50%);
    display: flex;
    flex-direction: column;
.header-carousel .owl-nav .owl-prev,
.header-carousel .owl-nav .owl-next {
   margin: 7px 0;
   width: 50px;
    height: 50px;
    display: flex;
    align-items: center;
    justify-content: center;
    color: #FFFFFF;
    background: var(--primary);
    border-radius: 40px;
    font-size: 20px;
    transition: .5s;
.header-carousel .owl-nav .owl-prev:hover,
.header-carousel .owl-nav .owl-next:hover {
    background: var(--dark);
@media (max-width: 768px) {
    .header-carousel .owl-nav {
        left: 25px;
.breadcrumb-item + .breadcrumb-item::before {
    color: #DDDDDD;
icon {
```

```
padding: 15px;
   display: inline-flex;
   align-items: center;
   justify-content: center;
   background: #FFFFFF !important;
   border-radius: 50px;
   border: 1px dashed var(--primary) !important;
.about-img img {
   position: relative;
   z-index: 2;
.about-img::before {
   position: absolute;
   content: "";
   top: 0;
   left: -50%;
   width: 100%;
   height: 100%;
   background: var(--primary);
   transform: skew(20deg);
   z-index: 1;
.cat-item div {
   background: #FFFFFF;
   border: 1px dashed rgba(0, 185, 142, .3);
   transition: .5s;
.cat-item:hover div {
   background: var(--primary);
   border-color: transparent;
.cat-item div * {
   transition: .5s;
```

```
.cat-item:hover div * {
   color: #FFFFFF !important;
.nav-pills .nav-item .btn {
   color: var(--dark);
.nav-pills .nav-item .btn:hover,
.nav-pills .nav-item .btn.active {
   color: #FFFFFF;
.property-item {
   box-shadow: 0 0 30px rgba(0, 0, 0, .08);
.property-item img {
   transition: .5s;
.property-item:hover img {
   transform: scale(1.1);
.property-item .border-top {
   border-top: 1px dashed rgba(0, 185, 142, .3) !important;
.property-item .border-end {
   border-right: 1px dashed rgba(0, 185, 142, .3) !important;
.team-item {
   box-shadow: 0 0 30px rgba(0, 0, 0, .08);
   transition: .5s;
```

```
.team-item .btn {
    color: var(--primary);
    background: #FFFFFF;
    box-shadow: 0 0 30px rgba(0, 0, 0, .15);
.team-item .btn:hover {
    color: #FFFFFF;
    background: var(--primary);
.team-item:hover {
    border-color: var(--secondary) !important;
.team-item:hover .bg-primary {
    background: var(--secondary) !important;
.team-item:hover .bg-primary i {
    color: var(--secondary) !important;
.testimonial-carousel {
    padding-left: 1.5rem;
    padding-right: 1.5rem;
@media (min-width: 576px) {
    .testimonial-carousel {
        padding-left: 4rem;
        padding-right: 4rem;
.testimonial-carousel .testimonial-item .border {
    border: 1px dashed rgba(0, 185, 142, .3) !important;
.testimonial-carousel .owl-nav {
```

```
position: absolute;
   width: 100%;
   height: 40px;
   top: calc(50% - 20px);
   left: 0;
   display: flex;
   justify-content: space-between;
   z-index: 1;
.testimonial-carousel .owl-nav .owl-prev,
.testimonial-carousel .owl-nav .owl-next {
   position: relative;
   width: 40px;
   height: 40px;
   display: flex;
   align-items: center;
   justify-content: center;
   color: #FFFFFF;
   background: var(--primary);
   border-radius: 40px;
   font-size: 20px;
   transition: .5s;
.testimonial-carousel .owl-nav .owl-prev:hover,
.testimonial-carousel .owl-nav .owl-next:hover {
   background: var(--dark);
.footer .btn.btn-social {
   margin-right: 5px;
   width: 35px;
   height: 35px;
   display: flex;
   align-items: center;
   justify-content: center;
   color: var(--light);
   border: 1px solid rgba(255,255,255,0.5);
   border-radius: 35px;
   transition: .3s;
```

```
.footer .btn.btn-social:hover {
   color: var(--primary);
   border-color: var(--light);
.footer .btn.btn-link {
   display: block;
   margin-bottom: 5px;
   padding: 0;
   text-align: left;
   font-size: 15px;
   font-weight: normal;
   text-transform: capitalize;
   transition: .3s;
.footer .btn.btn-link::before {
   position: relative;
   content: "\f105";
   font-family: "Font Awesome 5 Free";
   font-weight: 900;
   margin-right: 10px;
.footer .btn.btn-link:hover {
   letter-spacing: 1px;
   box-shadow: none;
.footer .form-control {
   border-color: rgba(255,255,255,0.5);
.footer .copyright {
   padding: 25px 0;
   font-size: 15px;
   border-top: 1px solid rgba(256, 256, 256, .1);
.footer .copyright a {
   color: var(--light);
```

```
.footer .footer-menu a {
    margin-right: 15px;
    padding-right: 15px;
    border-right: 1px solid rgba(255, 255, 255, .1);
}
.footer .footer-menu a:last-child {
    margin-right: 0;
    padding-right: 0;
    border-right: none;
}
```

3.3 JAVASCRIPT

3.3.1 main.js

```
if (location.pathname == '/index.html') {
    var propertySection = document.getElementById('property-section-
content');
    const contentPropertyMatrix = [
        ['For Sale', 'Home', '500.000', 'Halpine Manor', '528 Whitemarsh
Ave. Brentwood, New York'],
        ['For Rent', 'Villa', '9.999', 'Brownhill Villa', '5 Lafayette
Ave. Bronx, New York'],
        ['For Sale', 'Appartment', '250.000', 'Powlett House', '9034
Franklin St. Freeport, New York'],
        ['For Rent', 'Home', '4.999', 'Moore Estate', '9370 Willow St.
Massapequa, New York'],
        ['For Sale', 'Home', '100.000', 'McArthy Garden', 'Canal St.
Hempstead, New York'],
        ['For Rent', 'Building', '1.999', 'Sabilline Building', '8465
Sunnyslope Drive Bronx, New York']
    ];
    const contentPropertyDetails = [[1000, 6, 4], [500, 3, 2], [1000, 6,
4], [500, 3, 2], [1000, 6, 4], [500, 3, 2]];
    const contentPropertyDivClasses = ['property-list-part col-lg-4 col-
md-6', 'property-item rounded overflow-hidden', 'position-relative
overflow-hidden', 'sale-or-rent bg-primary rounded text-white position-
absolute start-0 top-0 m-4 py-1 px-3', 'bg-white rounded-top text-primary
position-absolute start-0 bottom-0 mx-4 pt-1 px-3', 'p-4 pb-0', 'd-flex
border-top'];
    const contentPropertyIconClasses = ['fa fa-ruler-combined text-primary
me-2', 'fa fa-bed text-primary me-2', 'fa fa-bath text-primary me-2'];
   for (let index = 0; index < 6; index++) {</pre>
       for(let index = 1; index <= 7; index++) {</pre>
            window['propertyDiv' + index] = document.createElement('div');
            window['propertyDiv' + index].setAttribute('class',
contentPropertyDivClasses[index-1]);
        let propertyAnchor1 = document.createElement('a');
```

```
propertyAnchor1.setAttribute('href', '#');
        let propertyImage = document.createElement('img');
        Object.assign(propertyImage, {
            className: 'img-fluid',
            src: `img/property-${index+1}.jpg`,
            alt: ''
        })
        let propertyHeader5 = document.createElement('h5');
        propertyHeader5.setAttribute('class', 'text-primary mb-3');
        let propertyAnchor2 = document.createElement('a');
        propertyAnchor2.setAttribute('class', 'd-block h5 mb-2');
        propertyAnchor2.setAttribute('href', '#');
        let propertyParagraph = document.createElement('p');
        let propertyIcon = document.createElement('i');
        propertyIcon.setAttribute('class', 'fa fa-map-marker-alt text-
primary me-2');
        for (let index = 1; index <= 3; index++) {</pre>
            window['propertySmall' + index] =
document.createElement('small');
            window['propertySmall' + index].setAttribute('class', 'flex-
fill text-center border-end py-2');
            window['propertyIcon' + index] = document.createElement('i');
            window['propertyIcon' + index].setAttribute('class',
contentPropertyIconClasses[index - 1]);
            window['propertySmall' +
index].appendChild(window['propertyIcon' + index]);
            propertyDiv7.appendChild(window['propertySmall' + index]);
        propertyDiv5.classList.add('text-secondary');
        propertySmall2.classList.add('bedroom-num');
        propertySmall3.classList.remove('border-end');
        propertyDiv1.appendChild(propertyDiv2);
        propertyDiv2.appendChild(propertyDiv3);
            propertyDiv3.appendChild(propertyAnchor1);
                propertyAnchor1.appendChild(propertyImage);
            propertyDiv3.appendChild(propertyDiv4);
                propertyDiv4.textContent +=
contentPropertyMatrix[index][0];
            propertyDiv3.appendChild(propertyDiv5);
                propertyDiv5.textContent +=
contentPropertyMatrix[index][1];
```

```
propertyDiv2.appendChild(propertyDiv6);
            propertyDiv6.appendChild(propertyHeader5);
                propertyHeader5.innerHTML +=
contentPropertyMatrix[index][2] + '€';
                propertyDiv6.appendChild(propertyAnchor2);
                    propertyAnchor2.innerHTML +=
contentPropertyMatrix[index][3];
                propertyDiv6.appendChild(propertyParagraph);
                    propertyParagraph.appendChild(propertyIcon);
                    propertyParagraph.innerHTML +=
contentPropertyMatrix[index][4];
        propertyDiv2.appendChild(propertyDiv7);
                propertySmall1.innerHTML +=
contentPropertyDetails[index][0] + 'm²';
                propertySmall2.innerHTML +=
contentPropertyDetails[index][1] + ' bedroom/s';
                propertySmall3.innerHTML +=
contentPropertyDetails[index][2] + ' bathrooom/s';
    propertySection.append(propertyDiv1);
   var propertyFilters = document.querySelectorAll('#property-filters li
a');
    var propertySaleOrRent = document.querySelectorAll('.sale-or-rent');
    var propertyListPart = document.querySelectorAll('.property-list-
part');
    for (const element of propertyFilters) {
        element.addEventListener('click', function() {
            document.querySelector('#property-filters li
a.active').classList.remove('active');
            element.classList.add('active');
            for (let index = 0; index < propertyListPart.length; index++)</pre>
                if((element.innerHTML != 'All') && !(element.innerHTML ==
propertySaleOrRent[index].innerHTML)) {
                    propertyListPart[index].classList.add('hide');
                else {
                    propertyListPart[index].classList.remove('hide');
```

```
})
    /* *-* END|DYNAMIC "PROPERTY LISTING" FILTER *-* */
   /* *-* BEGIN/DYNAMIC "SEARCH" CONTENT *-* */
   var searchFields = document.querySelectorAll(".search-form-item");
   var searchPropertySort = ['3 bedroom/s', '6 bedroom/s'];
   var searchPropertyTypes = ['Appartment', 'Building', 'Home', 'Villa'];
   var typeSelect = document.createElement('select');
    typeSelect.setAttribute('class', 'form-select border-0 py-3 search-
form-ddl');
    typeSelect.setAttribute('id', 'search-type');
    searchFields[0].append(typeSelect);
   var typeDefaultOption = document.createElement('option');
    typeDefaultOption.setAttribute('value', 0);
   typeDefaultOption.innerHTML += 'Property Type...';
   typeSelect.append(typeDefaultOption);
   for (let index = 0; index < searchPropertyTypes.length; index++) {</pre>
        let typeOption = document.createElement('option');
        typeOption.setAttribute('value', searchPropertyTypes[index]);
        typeOption.innerHTML += searchPropertyTypes[index];
        typeSelect.append(typeOption);
    var sortSelect = document.createElement('select');
   sortSelect.setAttribute('class', 'form-select border-0 py-3 search-
form-ddl');
    sortSelect.setAttribute('id', 'search-sort');
    searchFields[1].append(sortSelect);
   var sortDefaultOption = document.createElement('option');
    sortDefaultOption.setAttribute('value', 0);
    sortDefaultOption.innerHTML += 'Number of bedrooms...';
    sortSelect.append(sortDefaultOption);
   for (let index = 0; index < searchPropertySort.length; index++) {</pre>
        let sortOption = document.createElement('option');
        sortOption.setAttribute('value', searchPropertySort[index]);
        sortOption.innerHTML += searchPropertySort[index];
        sortSelect.append(sortOption);
```

```
var searchFieldType = document.querySelector('#search-type');
    var searchFieldSort = document.querySelector('#search-sort');
    var searchFieldBtn = document.querySelector('#search-btn');
    var propertyBedroom = document.getElementsByClassName('bedroom-num');
    searchFieldBtn.addEventListener('click', function() {
        for (let index = 0; index < propertyListPart.length; index++) {</pre>
            propertyListPart[index].classList.remove('hide');
            if (!(searchFieldType.value == '0') && !(searchFieldSort.value
== '0')) {
                if ((!(searchFieldType.value ==
propertySaleOrRent[index].nextElementSibling.innerHTML)) | |
(!(searchFieldSort.value == propertyBedroom[index].textContent))) {
                    propertyListPart[index].classList.add('hide');
            else if (!(searchFieldType.value == '0') &&
!(searchFieldType.value ==
propertySaleOrRent[index].nextElementSibling.innerHTML)) {
                propertyListPart[index].classList.add('hide');
            else if (!(searchFieldSort.value == '0') &&
!(searchFieldSort.value == propertyBedroom[index].textContent)) {
                propertyListPart[index].classList.add('hide');
            else {
                propertyListPart[index].classList.remove('hide');
        if (propertySection.clientHeight == 0) {
            document.getElementById('no-
property').classList.remove('hide');
            document.getElementById('no-property').innerHTML += 'There are
no properties that match your search criteria!';
            document.getElementById('property-
filters').parentElement.classList.add('hide');
        else {
            document.getElementById('no-property').classList.add('hide');
            document.getElementById('property-
filters').parentElement.classList.remove('hide');
```

```
})
    /* *-* BEGIN|DYNAMIC "PROPERTY AGENTS" CONTENT *-* */
    var agentSection = document.getElementById('agent-section');
    const contentAgentDetails = [['Mackenzie Perkins', 'Real Estate
Brokerage Manager'], ['Clark Wilson', 'Senior Real Estate Specialist'],
'Lilly Johnson', 'Commercial Investment Member'],['Jordan Woods',
'Accredited Land Consultant']];
    const contentAgentDivClasses = ['col-lg-3 col-md-6 wow fadeInUp',
'team-item rounded overflow-hidden', 'position-relative', 'position-
absolute start-50 top-100 translate-middle d-flex align-items-center',
'text-center p-4 mt-3'];
    const contentAgentIconClasses = ['fab fa-facebook-f', 'fab fa-
twitter', 'fab fa-instagram'];
    for (let index = 0; index < 4; index++) {</pre>
        for (let index = 1; index <= 5; index++) {</pre>
            window['agentDiv' + index] = document.createElement('div');
            window['agentDiv' + index].setAttribute('class',
contentAgentDivClasses[index-1]);
        let agentImage = document.createElement('img');
        Object.assign(agentImage, {
            className: 'img-fluid',
            src: `img/team-${index+1}.jpg`,
            alt: ''
        })
        for (let index = 0; index < 3; index++) {</pre>
            window['agentAnchor' + index + 1] =
document.createElement('a');
            window['agentAnchor' + index + 1].setAttribute('class', 'btn
btn-square mx-1');
            window['agentIcon' + index + 1] = document.createElement('i');
            window['agentIcon' + index + 1].setAttribute('class',
contentAgentIconClasses[index]);
            window['agentAnchor' + index +
1].appendChild(window['agentIcon' + index + 1]);
            agentDiv4.appendChild(window['agentAnchor' + index + 1]);
```

```
let agentHeader5 = document.createElement('h5');
        agentHeader5.setAttribute('class', 'fw-bold mb-0');
        let agentSmall = document.createElement('small');
        agentDiv1.appendChild(agentDiv2);
            agentDiv2.appendChild(agentDiv3);
                agentDiv3.appendChild(agentImage);
                agentDiv3.appendChild(agentDiv4);
            agentDiv2.appendChild(agentDiv5);
                agentDiv5.appendChild(agentHeader5);
                    agentHeader5.innerHTML +=
contentAgentDetails[index][0]
                agentDiv5.appendChild(agentSmall);
                    agentSmall.innerHTML += contentAgentDetails[index][1]
    agentSection.append(agentDiv1);
    /* *-* END|DYNAMIC "PROPERTY AGENTS" CONTENT *-* */
    /* *-* BEGIN/DYNAMIC "TESTIMONIALS" CONTENT *-* */
    var testimonialsSection = document.getElementById('testimonials');
    const contentTestimonialsDetails = [
        ['"When I found Clark I knew I was finally working with a real
professional I could rely on."' ,'Naomi Mitchell', 'Happy Lock&Key
client'],
        ['"Everyones on the same page. Lock&Key is the ultimate time saver
for people like me."' ,'Charles Wilson', 'Happy Lock&Key client'],
        ['"With Lock&Key, I have finally accomplished things that have
been waiting forever to get done."' ,'Andrew Hill', 'Happy Lock&Key
client']];
    const contentTestimonialsDivClasses = ['testimonial-item bg-light
rounded p-3', 'bg-white border rounded p-4', 'd-flex align-items-center',
 ps-3'];
   for (let index = 0; index < 3; index++) {
        for (let index = 1; index <= 4; index++) {</pre>
            window['testimonialDiv' + index] =
document.createElement('div');
            window['testimonialDiv' + index].setAttribute('class',
contentTestimonialsDivClasses[index-1]);
```

```
let testimonialParagraph = document.createElement('p');
        let testimonialImage = document.createElement('img');
        Object.assign(testimonialImage, {
            className: 'img-fluid flex-shrink-0 rounded',
            src: `img/testimonial-${index+1}.jpg`,
            alt: ''
        });
        testimonialImage.style.width = '45px';
        testimonialImage.style.height = '45px';
        let testimonialHeader6 = document.createElement('h5');
        testimonialHeader6.setAttribute('class', 'fw-bold mb-1');
        let testimonialSmall = document.createElement('small');
        testimonialDiv1.appendChild(testimonialDiv2);
            testimonialDiv2.appendChild(testimonialParagraph);
                testimonialParagraph.innerHTML +=
contentTestimonialsDetails[index][0];
            testimonialDiv2.appendChild(testimonialDiv3);
                testimonialDiv3.appendChild(testimonialImage);
                testimonialDiv3.appendChild(testimonialDiv4);
                    testimonialDiv4.appendChild(testimonialHeader6);
                        testimonialHeader6.innerHTML +=
contentTestimonialsDetails[index][1];
                    testimonialDiv4.appendChild(testimonialSmall);
                    testimonialSmall.innerHTML +=
contentTestimonialsDetails[index][2];
    testimonialsSection.append(testimonialDiv1);
else if (location.pathname == '/contact.html') {
    var formSubmit = document.querySelector('#form-btn');
    formSubmit.addEventListener('click', formValidation);
    var errors = ∅;
    function regExValidation(formPart, regEx, errorMessage) {
        if(!reqEx.test(formPart.value)) {
            formPart.classList.add('border-2', 'border-danger',
'rounded');
```

```
formPart.parentElement.nextElementSibling.innerHTML =
errorMessaae:
            formPart.parentElement.nextElementSibling.classList.remove('hi
de');
            errors++;
        else{
            formPart.classList.remove('border-2', 'border-danger',
rounded');
            formPart.parentElement.nextElementSibling.innerHTML = '';
            formPart.parentElement.nextElementSibling.classList.add('hide'
);
    function formValidation() {
        errors = 0;
        let formFullName, formEmail, formSubject, formMessage, formTerms,
formSuccess;
        let regExFullName, regExEmail, regExSubject, regExMessage;
        formFullName = document.querySelector('#form-name');
        formEmail = document.querySelector('#form-email');
        formSubject = document.querySelector('#form-subject');
        formMessage = document.querySelector('#form-message');
        formTerms = document.querySelector('#form-terms-conditions');
        formSuccess = document.querySelector('#no-error-message');
        regExFullName = /^[A-ZČĆŠĐŽ][a-zčćđŠž]{2,14}([\s][A-ZČĆŠĐŽ][a-
z\check{c}\check{d}\check{s}\check{z} \[ \{2,14\} \) +\$/;
        regExEmail = /^[a-z0-9+.-]+@[a-z0-9.-]+\.[a-z]{2,3}$/;
        regExSubject = /^[A-ZČĆŠĐŽa-zčćđšž0-9\s\.,!?""-]{3,}$/;
        regExMessage = /^.{10,}$/;
        regExValidation(formFullName, regExFullName, 'Field "Full name"
accepts only letters. </br><<mall> - example: John Doe</small></em>');
        regExValidation(formEmail, regExEmail, 'Field "E-mail" is invalid.
</br><cm><small> - example: john.doe@gmail.com</small></em>');
        regExValidation(formSubject, regExSubject, 'Field "Subject"
accepts letter, numbers and (!?.,-")');
        regExValidation(formMessage, regExMessage, 'Field "Message" must
have at least 10 characters.');
```

```
if(!formTerms.checked) {
            formTerms.classList.add('border-2', 'border-danger',
'rounded');
            formTerms.nextElementSibling.classList.add('text-danger');
        else {
            formTerms.classList.remove('border-2', 'border-danger',
 rounded');
            formTerms.nextElementSibling.classList.remove('text-danger');
        if(errors==0) {
            formSuccess.classList.remove('hide');
            formSuccess.innerHTML = 'Thank you for contacting us. We will
reply to your message ASAP!';
            document.getElementById("form-contact").reset();
    /* *-* END|CONTACT FORM VALIDATION *-* */
var navPart = document.getElementById('navbarCollapse');
const navMatrix = [
    ['index.html', 'nav-item nav-link', 'Home'],
    ['contact.html', 'nav-item nav-link', 'Contact'],
    ['https://lthechubbyl.github.io/portfolio/', 'nav-item nav-link',
'Portfolio'],
    ['documentation.pdf', 'nav-item nav-link', 'Documentation']
1;
let navDiv = document.createElement('div');
navDiv.setAttribute('class', 'navbar-nav ms-auto');
for (let index = 1; index <= 4; index++) {</pre>
    window['navAnchor' + index] = document.createElement('a');
    window['navAnchor' + index].setAttribute('href', navMatrix[index -
1][0])
    window['navAnchor' + index].setAttribute('class', navMatrix[index -
1][1]);
    window['navAnchor' + index].innerHTML += navMatrix[index - 1][2];
    navDiv.append(window['navAnchor' + index]);
```

```
navAnchor3.setAttribute('target', ' blank');
navPart.append(navDiv);
if (document.title == 'Lock&Key | Home') {
    navAnchor1.classList.add('active');
else if (document.title == 'Lock&Key | Contact') {
    navAnchor2.classList.add('active');
/* *-* END|DYNAMIC "NAVBAR" LINKS *-* */
var footerQuickLink = document.getElementById('footer-quick-link');
const footerQuickLinkMatrix = [['Home', 'index.html'], ['Contact',
'contact.html'], ['Portfolio',
'https://lthechubbyl.github.io/portfolio/'], ['Documentation',
'documentation.pdf']];
var footerInfo = document.getElementById('footer-info');
const footerInfoMatrix = [
    ['fa fa-map-marker-alt me-3', '8483 Buckingham St. New York'],
    ['fa fa-phone-alt me-3', '+0601234567'],
    ['fa fa-envelope me-3', 'lockkey@gmail.com']
1;
const footerIconPartArray = ['fab fa-twitter', 'fab fa-facebook-f', 'fab
fa-youtube', 'fab fa-linkedin-in'];
for (let index = 0; index < footerQuickLinkMatrix.length; index++) {</pre>
    footerQuickLink.innerHTML += `<a class="btn btn-link text-white-50"</pre>
href="${footerQuickLinkMatrix[index][1]}">${footerQuickLinkMatrix[index][0]}
]}</a>`
for (let index = 0; index < footerInfoMatrix.length; index++) {</pre>
    footerInfo.innerHTML += `<i</pre>
class="${footerInfoMatrix[index][0]}"></i>${footerInfoMatrix[index][1]}
let footerInfoTemp = `<div class="d-flex pt-2">`;
for (let index = 0; index < footerIconPartArray.length; index++) {</pre>
    footerInfoTemp += `<a class="btn btn-outline-light btn-social"</pre>
href="#"><i class="${footerIconPartArray[index]}"></i></a>`;
```

```
}
footerInfoTemp += `</div>`;
footerInfo.innerHTML += footerInfoTemp;
/* _*-*_ END/DYNAMIC "FOOTER" CONTENT _*-*_ */
```

3.3.2 custom-jquery.js

```
$(document).ready(function(){
$('#read-more').hide();
    $('#read-more-btn').click(() => {
        $('#read-more').slideToggle('slow');
    })
});
```

3.3.3 template-main.js - (template)

```
(function ($) {
    "use strict";
   new WOW().init();
   $(window).scroll(function () {
       if ($(this).scrollTop() > 45) {
           $('.nav-bar').addClass('sticky-top');
       } else {
           $('.nav-bar').removeClass('sticky-top');
   });
   $(window).scroll(function () {
       if ($(this).scrollTop() > 300) {
           $('.back-to-top').fadeIn('slow');
       } else {
            $('.back-to-top').fadeOut('slow');
   });
   $('.back-to-top').click(function () {
       $('html, body').animate({scrollTop: 0}, 1500, 'easeInOutExpo');
       return false;
   });
```

```
$(".header-carousel").owlCarousel({
        autoplay: true,
        smartSpeed: 1500,
        items: 1,
        dots: true,
        loop: true,
        nav : true,
        navText : [
            '<i class="bi bi-chevron-left"></i>',
            '<i class="bi bi-chevron-right"></i>'
    });
    $(".testimonial-carousel").owlCarousel({
        autoplay: true,
        smartSpeed: 1000,
        margin: 24,
        dots: false,
        loop: true,
        nav : true,
        navText : [
            '<i class="bi bi-arrow-left"></i>',
            '<i class="bi bi-arrow-right"></i>'
        ],
        responsive: {
            0:{
                items:1
            },
            992:{
                items:2
    });
})(jQuery);
```