

## Source Code:

### Home Page:

```
<!doctype html>
{ % load static % }

<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <link href="{ % static 'css/style1.css' % }" rel="stylesheet" type="text/css"/>
    <link href="{ % static 'css/Stylevoco.css' % }" rel="stylesheet" type="text/css"/>
    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css"
    integrity="sha384-
GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMP0DgiMDm4iYMcj70gZWKYbI706tWS"
crossorigin="anonymous">

    <!-- <title>MainPage Apps</title> -->
    <style>
body
body, html {
    height: 100%;
    margin: 0;
    font-family: Arial, Helvetica, sans-serif;
}

* {
    box-sizing: border-box;
}

.bg-image {
    /* The image used */
    background-image: url("navbar/bg.jpg");

    /* Add the blur effect */
```

```

filter: blur(8px);
-webkit-filter: blur(8px);

/* Full height */
height: 100%;

/* Center and scale the image nicely */
background-position: center;
background-repeat: no-repeat;
background-size: cover;
}

/* Position text in the middle of the page/image */
.bg-text {
background-color: rgb(0,0,0); /* Fallback color */
background-color: rgba(0,0,0, 0.4); /* Black w/opacity/see-through */
color: white;
font-weight: bold;
border: 3px solid #f1f1f1;
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
z-index: 2;
width: 80%;
padding: 20px;
text-align: center;
}
</style>
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-light" style="background-color: #4881F3;">
  <a class="navbar-brand" href="{ % url 'mainpage' % }">Voco Buddy</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse" id="navbarSupportedContent">
    <ul class="navbar-nav ml-auto">
      <li class="nav-item active">

```

```

        <a class="nav-link" href="{ % url 'mainpage' % }"> Home <span class="sr-
only">(current)</span></a>
    </li>
    <li class="nav-item active">
        <a class="nav-link" href="{ % url 'about' % }">About</a>
    </li>
    <li class="nav-item active">
        <a class="nav-link" href="{ % url 'image_to_text' % }">Image to Text</a>
    </li>
    <li class="nav-item dropdown active">
        <a class="nav-link dropdown-toggle" href="{ % url 'contactus' % }"
id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false">
            Reviews
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="{ % url 'testimonial' % }">Testimonial</a>
            <a class="dropdown-item" href="{ % url 'contactus' % }">Contact Us</a>

        </div>
    </li>

</ul>
<form class="form-inline my-2 my-lg-0">
    <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-
label="Search">
    <button class="btn btn-outline-success my-2 my-sm-0" type="submit"
style="background-color: black;">Search</button>
</form>
</div>
</nav>

```

```

<!-- Optional JavaScript -->
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+96DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"
integrity="sha384-wHAiFfRIMF
y6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js"

```

```

        integrity="sha384-
B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k"
        crossorigin="anonymous"></script>
{ % block extrascript % } { % endblock % }

{ % block extendme % }
<center>
    <section class="banner" id="banner">
        <div class="content">
            <h2>Free TTS: Text To Speech</h2>
            <p>Listen on your own time at your own pace.
            </p>

            <!-- <a href="#menu" class="btn">Our Menu</a> -->
        </div>
    </section>
</center>
<div class="row">
    <div class="col50">
        <h2>About Us</h2>
        <p>
            <ul>
                <li>This online text to speech converter is accurate and free to use for
                images. Uploading text on our website is secure.</li>
                <li>Everything you record is accessible to only you - nothing is stored on our
                servers. Our website is secured.</li>
                <li>Convert your text to speech with this simple online tool that can be used in your
                web browser. Browse your image into the box above and listen the audio as MP3.</li>
            </ul>
        </p>
    </div>
    <div class="col50">

```

### About us Page:

```

{ % block extendme % }
<section class="about" id="about">
    <div class="row">
        <div class="col50">
            <h2 class="titleText"><span>A</span>bout Us</h2>
            <p><ul>
                <li>This online text to speech converter is accurate and free to use for
                images. Uploading text on our website is secure.</li>
                <li>Everything you record is accessible to only you - nothing is stored on our
                servers. Our website is secured.</li>
                <li>Convert your text to speech with this simple online tool that can be used in your
                web browser. Browse your image into the box above and listen the audio as MP3.</li>
            </ul></p>
        </div>
        <div class="col50">

```

```

        <div class="imgBx">
            
        </div>
    </div>
</div>
</section>
<footer>
    { % include "uploader/footer.html" % }

</footer>

{ % endblock % }

```

## Contact us Page:

```

{ % extends "uploader/mainpage.html" % }
{ % load static % }

{ % block title % } Contact Us { % endblock % }

{ % block extrahead % } { % endblock % }

{ % block extrastyle % }
{ % endblock % }

{ % block extrascript % }
<script>

</script>

{ % endblock % }

{ % block extendme% }
<section class="contact" id="contact">
    <div class="title">
        <h2 class="titleText"><span>C</span>ontact Us</h2>
    <p></p>
    </div>
    <div class="contactForm">
        <h3> Send Message</h3>

        <form>
        <div class="inputBox">
            <input type="text" placeholder="Name" name="T1">

```

```

</div>
<div class="inputBox">
    <input type="email" placeholder="Email" name="T2">
</div>
<div class="inputBox">
    <textarea placeholder="Response" name="T3"></textarea>
</div>
<div class="inputBox">
    <input type="submit" value="Send" onclick="myFunction()">
</div>
</form>

</div>
</section>
<script>
function myFunction() {
    alert("Your Details has been Successfully Submitted!");
}
</script>
<footer>
{% include "uploader/footer.html" %}

</footer>
<!-- <div class="container">
<div class="jumbotron">
<center>
<h1>Contact US</h1>
<address>
    Developed By <a href="mailto:webmaster@example.com">PM Venkat</a>.<br>
    Chennai<br>
    Tamilnadu.
</address>
</center>
</div> -->
{% endblock %}

```

### Testimonial Page:

```

{% extends "uploader/mainpage.html" %}
{% load static %}

{% block title %} Testimonial {% endblock %}

{% block extrahead %} {% endblock %}

```

```
{% block extrastyle %}  
{% endblock %}
```

```
{% block extrascript %}  
<script>
```

```
</script>
```

```
{% endblock %}
```

```
{% block extendme% }
```

```
<section class="testimonial" id="testimonial">
```

```
  <div class="title white">
```

```
    <h2 class="titleText">They<span>S</span>aid About Us</h2>
```

```
  <p></p>
```

```
  </div>
```

```
  <div class="content">
```

```
    <div class="box">
```

```
      <div class="imgBx">
```

```
        
```

```
      </div>
```

```
      <div class="text">
```

```
        <p>As a parent of a struggling Middle School Student with Dyslexia, reading has  
always been a challenge . We use Natural Reader Software and the MP3 export feature  
almost daily to help him get through lengthy reading assignments.
```

```
        </p>
```

```
        <h3>Ritchel</h3>
```

```
      </div>
```

```
    <div class="box">
```

```
      <div class="imgBx">
```

```
        
```

```
      </div>
```

```
      <div class="text">
```

```
        <p>I no longer strain my eyes trying to read tiny fonts in e-mails or web pages or  
spend time recording my own voice for teaching purposes. I have a “bilingual“ Voco Buddy  
and it has become a very useful tool.
```

```
        </p>
```

```
        <h3>Marry</h3>
```

```
      </div>
```

```
    <div class="box">
```

```

    <div class="imgBx">
      
    </div>
    <div class="text">
      <p>This Software helps me pronounce words that i cannot and it helps me
avoid making grammatical errors when writing my case briefs and my essays. I enjoyed the
fact that i can convert my online textbooks into mp3's and listen to them on my smart phone
or while driving in my car.
      </p>
      <h3>Elizabeth</h3>
    </div>
  </div>
</div>

```

```

</section>

```

```

<footer>
  { % include "uploader/footer.html" % }
</footer>
{ % endblock % }

```

### Image-to-text Page:

```

{ % extends "uploader/mainpage.html" % }
{ % load widget_tweaks % }
{ % block title % } Image to Text< { % endblock % }

{ % block extrahead % } { % endblock % }

{ % block extrastyle % }

{ % endblock % }

{ % block extrascript % }
<script src="https://cdn.datatables.net/1.10.11/js/jquery.dataTables.min.js"
type="text/javascript"></script>
<script src="https://cdn.datatables.net/1.10.11/js/dataTables.bootstrap.min.js"
type="text/javascript"></script>
<script>
  $('<div class="custom-file-input">
    let fileName = $(this).val().split("\\").pop();
    $(this).next('<div class="custom-file-label">
      $.addClass("selected").html(fileName);
    });
  </div>

```



```

$(document).ready(function () {
    $('#dtBasicExample').DataTable({
        "order": [[0, "desc"]]
    });
});

function show_img_details(img_path){
    $('#img_detail').attr("src", img_path);
    $('#img_detail_modal').modal('toggle');
}

```

```

let text_to_speech = new SpeechSynthesisUtterance();
let synth = window.speechSynthesis;
var playButton = function(image_text) {
    // SpeechSynthesisUtterance Configuration
    text_to_speech.lang = 'en';
    text_to_speech.voice = synth.getVoices()[0];
    text_to_speech.text = image_text;
    if (image_text){
        console.log(image_text,"text_to_speech")
        synth.speak(text_to_speech)
    }
}

```

</script>

{% endblock %}

{% block extendme %}

<section>

<div class="mt-5 text-center">

<h1>Voco Buddy</h1>

</div>

<div class="" id="image\_form">

<form action="#image\_form" method="POST" enctype="multipart/form-data">

{% csrf\_token %}

<fieldset class="form-group">

<div class="custom-file my-2">

{{ image\_form.image|add\_class:"custom-file-input" }}

<label class="custom-file-label">{{ image\_form.image.label }}</label>

```

        {% for error in field.errors %}
        <span class="badge badge-danger">{{ error }}</span>
        {% endfor %}
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
</fieldset>
</form>
</div>

<div id="collapse1">
    <table id="dtBasicExample" class="table table-striped table-bordered table-sm">
        <thead class="thead-dark">
            <tr>
                <th scope="col">ID</th>
                <th scope="col" class="d-none d-md-table-cell">OCR Text</th>
                <th scope="col" class="text-center">Image</th>
                <th scope="col">Play Audio</th>
            </tr>
        </thead>
        <tbody>
            {% for image in image_list %}
            <tr>
                <th scope="row">{{ image.id }}</th>
                <td class="d-none d-md-table-cell">{{ ocrtext.text|truncatechars:350 }}</td>
                <td class="text-center">
                    <div id="clickable_img"
onclick="show_img_details('/media/{{ image.image }}')">
                        
                    </div>
                </td>
                <td class="text-center">
                    {{ ocrtext }}
                </td>
            </tr>
            {% endfor %}
        </tbody>
    </table>

```

```

        </tbody>
    </table>
</div>

```

```

<div id="img_detail_modal" class="modal mt-5" tabindex="-1" role="dialog">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
                <img id="img_detail" class="img-fluid" src="" alt="" />
            </div>
        </div>
    </div>
</div>
</div>
</section>

```

```

<footer>
    { % include "uploader/footer.html" % }
</footer>
{ % endblock % }

```

### CSS Logic :

```

@import
url('https://fonts.googleapis.com/css?family=Poppins:200,300,400,500,600,700,800,900&dis
play=swap');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
    scroll-behavior: smooth;
}
p
{
    font-weight: 300;
    color: #111;
}
.banner
{

```

```

    position: relative;
    width: 100%;
    min-height: 100vh;
    display: flex;
    justify-content: center;
    align-items: center;
    background: url(image/VOCO\ 1.png);
    background-size: cover;
}
.banner .content
{
    max-width: 900px;
    text-align: center;
}
.banner .content h2
{
    font-size: 5em;
    color: rgb(11, 8, 8);
}
.banner .content p
{
    font-size: 1em;
    color: rgb(15, 13, 13);
}
.btn
{
    font-size: 1em;
    color: rgb(9, 8, 8);
    background: #ff0157;
    display: inline-block;
    padding: 10px 30px;
    margin-top: 20px;
    text-transform: uppercase;
    text-decoration: none;
    letter-spacing: 2px;
    transition: 0.5s;
}
.btn:hover

    letter-spacing: 6px;
}
header

```

```
{
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  padding: 40px 100px;
  z-index: 10000;
  display: flex;
  justify-content: space-between;
  align-items: center;
  transition: 0.5s;
}
header.sticky
{
  background: #fff;
  padding: 10px 100px;
  box-sizing: 0 5px 20px rgba(0,0,0,0.05);
}
header .logo
{
  color: #fff;
  font-weight: 700;
  font-size: 2em;
  text-decoration: none;
}
header.sticky .logo
{
  color: #111;
}
header .logo span
{
  color: #ff0157;
}
header .navigation
{
  position: relative;
  display: flex;
}
header .navigation li
{
  list-style: none;
  margin-left: 30px;
}
header .navigation li a
```

```
{
  text-decoration: none;
  color: #fff;
  font-weight: 300;
}
header.sticky .navigation li a
{
  color: #111;
}
header .navigation li a:hover
{
  color: #ff0157;
}
section
{
  padding: 100px;
}
.row
{
  position: relative;
  width: 100%;
  display: flex;
  justify-content: space-between;
}
.row .col50
{
  position: relative;
  width: 48%;
}
.titleText
{
  color: #111;
  font-size: 2em;
  font-weight: 300;
}
.titleText span
{
  color: #ff0157;
  font-weight: 700;
  font-size: 1.5em;
}
.row .col50 .imgBx
{
  position: relative;
```

```

        width: 100%;
        /* min-height: 300px;*/
        height: 100%;

    }
    .row .col50 .imgBx img
    {
        position: absolute;
        top: 0;
        left: 0;
        width: 100%;
        height: 100%;
        object-fit: cover;
    }
    title
    {
        width: 100%;
        display: flex;
        justify-content: center;
        align-items: center;
        flex-direction: column;
    }
    .menu .content
    {
        display: flex;
        justify-content: center;
        flex-direction: row-reverse;
        flex-wrap: wrap;
        margin-top: 40px;
    }
    .menu .content .box
    {
        width: 340px;
        margin: 20px;
        border: 15px solid #fff;
        box-shadow: 0 5px 35px rgba(0,0,0,0.08);
    }
    .menu .content .box .imgBx
    {
        position: relative;
        width: 100%;
        height: 300px;
    }
    .menu .content .box .imgBx img

```

```
{
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  object-fit: cover;
}
.menu .content .box .text
{
  padding: 15px 0 5px;
}
.menu .content .box .text h3
{
  font-weight: 400;
  color: #111;
}
.expert .content
{
  display: flex;
  justify-content: center;
  flex-wrap: wrap;
  flex-direction: row;
  margin-top: 40px;
}
.expert .content .box
{
  width: 250px;
  margin: 15px;
}
.expert .content .box .imgBx
{
  position: relative;
  width: 100%;
  height: 300px;
}
.expert .content .box .imgBx img
{
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  object-fit: cover;
}
```



```
}
.expert .content .box .text
{
    padding: 15px 0 5px;
}
.expert .content .box .text h3
{
    font-weight: 400;
    color: #111;
}
.testimonial
{
    background: url(image/test.jpg);
    background-size: cover;
}
.white .titleText,
.white p
{
    color: #fff;
}
.testimonial .content
{
    display: flex;
    justify-content: center;
    flex-wrap: wrap;
    flex-direction: row;
    margin-top: 40px
}
.testimonial .content .box
{
    width: 340px;
    margin: 20px;
    padding: 40px;
    background: #fff;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
}
.testimonial .content .box .imgBx
{
    position: relative;
    width: 80px;
    height: 80px;
    margin-bottom: 20px;
```

```
border-radius: 50%;
overflow: hidden;
}
.testimonial .content .box .imgBx img
{
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    object-fit: cover;
}
.testimonial .content .box .text
{
    text-align: center;
}
.testimonial .content .box .text p
{
    color: #666;
    font-style: italic;
}
.testimonial .content .box .text h3
{
    margin-top: 20px;
    color: #111;
    font-size: 1em;
    color: #ff0157;
    font-weight: 600;
}
.contact
{
    background: url(image/contact.png);
    background-size: cover;
}
.contactForm
{
    padding: 75px 50px;
    background: #fff;
    box-shadow: 0 15px 50px rgba(0,0,0,0.01);
    max-width: 500px;
    margin-top: 50px;
}
.contactForm h3
{

```

```
    color: #111;
    font-size: 1.2em;
    margin-bottom: 20px;
    font-weight: 500;
}
.contactForm .inputBox
{
    position: relative;
    width: 100%;
    margin-bottom: 20px;
}
.contactForm .inputBox input,
.contactForm .inputBox textarea
{
    width: 100%;
    border: 1px solid #555;
    padding: 10px;
    color: #111;
    outline: none;
    font-size: 16px;
    font-weight: 300;
    resize: none;
}
.contactForm .inputBox input[type="submit"]
{
    font-size: 1em;
    color: #fff;
    background: #ff0157;
    display: inline-block;
    text-transform: uppercase;
    text-decoration: none;
    letter-spacing: 2px;
    transition: 0.5s;
    max-width: 100px;
    font-weight: 500;
    border: none;
    cursor: pointer;
}

.copyrightText
{
    padding: 8px 40px;
    border-top: 1px solid rgba(0,0,0,0.1);
    text-align: center;
```

```
}
```

```
.copyrightText p
```

```
{
```

```
  color: #333;
```

```
}
```

```
.copyrightText a
```

```
{
```

```
  color: #ff0157;
```

```
  font-weight: 500;
```

```
  text-decoration: none;
```

```
}
```

```
@media(max-width: 991px)
```

```
{
```

```
  header,
```

```
  header.sticky
```

```
{
```

```
  padding: 10px 20px;
```

```
}
```

```
  header .navigation
```

```
{
```

```
  display: none;
```

```
}
```

```
  header .navigation.active
```

```
{
```

```
    width: 100%;
```

```
    height: calc(100% - 68px);
```

```
    position: fixed;
```

```
    top: 68px;
```

```
    left: 0;
```

```
    display: flex;
```

```
    justify-content: center;
```

```
    align-items: center;
```

```
    flex-direction: column;
```

```
    background: #fff;
```

```
}
```

```
  header .navigation li
```

```
{
```

```
    margin-left: 0;
```

```
}
```

```
  header .navigation li a
```

```
{
```

```

        color: #111;
        font-size: 1.6em;
    }
    .menuToggle
    {
        position: relative;
        width: 40px;
        height: 40px;
        background: url(image/3img.jpg);
        background-size: 30px;
        background-repeat: no-repeat;
        background-position: center;
        cursor: pointer;
    }
    .menuToggle.active
    {
        background: url(image/4img.jpg);
        background-size: 25px;
        background-repeat: no-repeat;
        background-position: center;
    }
    header.sticky .menuToggle
    {
        filter: invert(1);
    }
    section
    {
        padding: 20px;
    }
    .banner .content h2
    {
        font-size: 3em;
        color: #fff;
    }
    .row
    {
        flex-direction: column;
    }
    .row .col50
    {
        position: relative;
        width: 100%;
    }
    .row .col50 .imgBx

```

```
{
    height: 300px;
    margin-top: 20px;
}
.menu .content
{
    margin-top: 20px;
}
.menu .content .box
{
    margin: 10px;
}
.menu .content .box .imgBx
{
    height: 260px;
}
.title
{
    text-align: center;
}
.titleText
{
    font-size: 1.8em;
    line-height: 1.5em;
    margin-bottom: 15px;
    font-weight: 300;
}
.testimonials .content .box
{
    margin: 10px;
    padding: 20px;
}
.contactForm
{
    padding: 35px 40px;
    margin-top: 20px;
    margin-bottom: 30px;
}
}
@media (max-width: 480px)
{
    .banner .content h2
    {
        font-size: 2.2em;
```

```
        color: #fff;
    }
}
@import url('https://fonts.googleapis.com/css?family=Poppins');

/* BASIC */

html {
    background-color: #56baed;
}

body {
    font-family: "Poppins", sans-serif;
    height: 100vh;
}

a {
    color: #92badd;
    display:inline-block;
    text-decoration: none;
    font-weight: 400;
}

h2 {
    text-align: center;
    font-size: 16px;
    font-weight: 600;
    text-transform: uppercase;
    display:inline-block;
    margin: 40px 8px 10px 8px;
    color: #cccccc;
}


/* STRUCTURE */

.wrapper {
    display: flex;
    align-items: center;
    flex-direction: column;
    justify-content: center;
    width: 100%;
    min-height: 100%;
```

```

padding: 20px;
}

#formContent {
  -webkit-border-radius: 10px 10px 10px 10px;
  border-radius: 10px 10px 10px 10px;
  background: #fff;
  padding: 30px;
  width: 90%;
  max-width: 450px;
  position: relative;
  padding: 0px;
  -webkit-box-shadow: 0 30px 60px 0 rgba(0,0,0,0.3);
  box-shadow: 0 30px 60px 0 rgba(0,0,0,0.3);
  text-align: center;
}

#formFooter {
  background-color: #f6f6f6;
  border-top: 1px solid #dce8f1;
  padding: 25px;
  text-align: center;
  -webkit-border-radius: 0 0 10px 10px;
  border-radius: 0 0 10px 10px;
}

/* TABS */

h2.inactive {
  color: #cccccc;
}

h2.active {
  color: #0d0d0d;
  border-bottom: 2px solid #5fbae9;
}

/* FORM TYPOGRAPHY*/

input[type=button], input[type=submit], input[type=reset] {

```



```

background-color: #56baed;
border: none;
color: white;
padding: 15px 80px;
text-align: center;
text-decoration: none;
display: inline-block;
text-transform: uppercase;
font-size: 13px;
-webkit-box-shadow: 0 10px 30px 0 rgba(95,186,233,0.4);
box-shadow: 0 10px 30px 0 rgba(95,186,233,0.4);
-webkit-border-radius: 5px 5px 5px 5px;
border-radius: 5px 5px 5px 5px;
margin: 5px 20px 40px 20px;
-webkit-transition: all 0.3s ease-in-out;
-moz-transition: all 0.3s ease-in-out;
-ms-transition: all 0.3s ease-in-out;
-o-transition: all 0.3s ease-in-out;
transition: all 0.3s ease-in-out;
}

input[type=button]:hover, input[type=submit]:hover, input[type=reset]:hover {
    background-color: #39ace7;
}

input[type=button]:active, input[type=submit]:active, input[type=reset]:active {
    -moz-transform: scale(0.95);
    -webkit-transform: scale(0.95);
    -o-transform: scale(0.95);
    -ms-transform: scale(0.95);
    transform: scale(0.95);
}

input[type=text] {
    background-color: #f6f6f6;
    border: none;
    color: #0d0d0d;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin: 5px;
    width: 85%;

```

```
border: 2px solid #f6f6f6;
-webkit-transition: all 0.5s ease-in-out;
-moz-transition: all 0.5s ease-in-out;
-ms-transition: all 0.5s ease-in-out;
-o-transition: all 0.5s ease-in-out;
transition: all 0.5s ease-in-out;
-webkit-border-radius: 5px 5px 5px 5px;
border-radius: 5px 5px 5px 5px;
}
```

```
input[type=text]:focus {
  background-color: #fff;
  border-bottom: 2px solid #5fb9e9;
}
```

```
input[type=text]:placeholder {
  color: #cccccc;
}
```

```
/* ANIMATIONS */
```

```
/* Simple CSS3 Fade-in-down Animation */
```

```
.fadeInDown {
  -webkit-animation-name: fadeInDown;
  animation-name: fadeInDown;
  -webkit-animation-duration: 1s;
  animation-duration: 1s;
  -webkit-animation-fill-mode: both;
  animation-fill-mode: both;
}
```

```
@-webkit-keyframes fadeInDown {
  0% {
    opacity: 0;
    -webkit-transform: translate3d(0, -100%, 0);
    transform: translate3d(0, -100%, 0);
  }
  100% {
    opacity: 1;
    -webkit-transform: none;
    transform: none;
  }
}
```

```
}
```

```
@keyframes fadeInDown {  
  0% {  
    opacity: 0;  
    -webkit-transform: translate3d(0, -100%, 0);  
    transform: translate3d(0, -100%, 0);  
  }  
  100% {  
    opacity: 1;  
    -webkit-transform: none;  
    transform: none;  
  }  
}
```

```
/* Simple CSS3 Fade-in Animation */  
@-webkit-keyframes fadeIn { from { opacity:0; } to { opacity:1; } }  
@-moz-keyframes fadeIn { from { opacity:0; } to { opacity:1; } }  
@keyframes fadeIn { from { opacity:0; } to { opacity:1; } }
```

```
.fadeIn {  
  opacity:0;  
  -webkit-animation:fadeIn ease-in 1;  
  -moz-animation:fadeIn ease-in 1;  
  animation:fadeIn ease-in 1;  
  
  -webkit-animation-fill-mode:forwards;  
  -moz-animation-fill-mode:forwards;  
  animation-fill-mode:forwards;  
  
  -webkit-animation-duration:1s;  
  -moz-animation-duration:1s;  
  animation-duration:1s;  
}
```

```
.fadeIn.first {  
  -webkit-animation-delay: 0.4s;  
  -moz-animation-delay: 0.4s;  
  animation-delay: 0.4s;  
}
```

```
.fadeIn.second {  
  -webkit-animation-delay: 0.6s;  
  -moz-animation-delay: 0.6s;
```

```
    animation-delay: 0.6s;
}
```

```
.fadeIn.third {
    -webkit-animation-delay: 0.8s;
    -moz-animation-delay: 0.8s;
    animation-delay: 0.8s;
}
```

```
.fadeIn.fourth {
    -webkit-animation-delay: 1s;
    -moz-animation-delay: 1s;
    animation-delay: 1s;
}
```

```
/* Simple CSS3 Fade-in Animation */
```

```
.underlineHover:after {
    display: block;
    left: 0;
    bottom: -10px;
    width: 0;
    height: 2px;
    background-color: #56baed;
    content: "";
    transition: width 0.2s;
}
```

```
.underlineHover:hover {
    color: #0d0d0d;
}
```

```
.underlineHover:hover:after{
    width: 100%;
}
```

```
/* OTHERS */
```

```
*:focus {
    outline: none;
}
```

```
#icon {
```

```
width:60%;  
}  
  
* {  
  box-sizing: border-box;  
}
```

### **Backend Logic:**

# Create your views here.

```
class MainPageView(TemplateView):  
    template_name = 'uploader/mainpage.html'  
  
class ContactPageView(TemplateView):  
    template_name = 'uploader/contactus.html'  
  
class DocumentationPageView(TemplateView):  
    template_name = 'uploader/documentation.html'
```

```
class TestimonialPageView(TemplateView):  
    template_name = 'uploader/testimonial.html'
```

```
class AboutPageView(TemplateView):  
    template_name = 'uploader/about.html'
```

```
def home(request):  
    data = dict()  
  
    image_form = ImageFileForm(request.POST or None, request.FILES or None)  
    if image_form.is_valid():  
        image = image_form.save()  
        image.execute_and_save_ocr()  
        redirect('image_to_text')  
  
    image_list = ImageFile.objects.all().order_by('-id')  
  
    data['image_form'] = image_form  
    data['image_list'] = image_list  
    return render(request, "uploader/index.html", data)
```

```
def image_to_text(request):
```

```

data = dict()

image_form = ImageFileForm(request.POST or None, request.FILES or None)
if image_form.is_valid():
    image = image_form.save()
    image.execute_and_save_ocr()
    redirect('image_to_text')

image_list = ImageFile.objects.all().order_by('-id')

data['image_form'] = image_form
data['image_list'] = image_list
return render(request, "uploader/image_to_text.html", data)
from django.db import models
from core import utils
import hashlib
from PIL import Image
import pytesseract

class ImageFileManager(models.Manager):

    def search(self, query):
        return self.get_queryset().filter(models.Q(internal_reference__icontains=query) |
                                           models.Q(name__icontains=query) |
                                           models.Q(description__icontains=query)
                                           )

class ImageFile(models.Model):

    name = models.CharField("Name", max_length=100)
    internal_reference = models.CharField("Internal Reference", max_length=100,
editable=False)
    description = models.TextField("Description", blank=True, null=True)
    image = models.ImageField(upload_to="OCR_image/input/", verbose_name="Input
Image")
    create_at = models.DateTimeField("Create at", auto_now_add=True)
    updated_at = models.DateTimeField("Update at", auto_now=True)

    def __str__(self):
        return "{0:03d} - {1}".format(self.id, self.image)

    def execute_and_save_ocr(self):

```

```

import time
start_time = time.time()

img = Image.open(self.image)
txt = pytesseract.image_to_string(img, lang='eng')
execution_time = time.time() - start_time
ocr_txt = OCRText(image = self, text = txt, lang = "EN", execution_time =
execution_time)
ocr_txt.save()

print("The image {0} was opened.".format(self.image))
print('OCR: \n{0}\n'.format(txt))
print('Execution Time: {0}'.format(ocr_txt.execution_time))

return ocr_txt

"""
def get_absolute_url(self):
    from django.urls import reverse
    return reverse('course_details', args=[], kwargs={'slug': self.slug})
"""

def save(self, *args, **kwargs):

    if not self.internal_reference:
        random_value = utils.random_value_generator(size=20)
        while ImageFile.objects.filter(internal_reference=random_value).exists():
            random_value = utils.random_value_generator(size=20)
        hash_value = hashlib.md5(bytes(str(self.id) + str(random_value), 'utf-8'))
        self.internal_reference = hash_value.hexdigest()
    super(ImageFile, self).save(*args, **kwargs)

class Meta:
    verbose_name = "ImageFile"
    verbose_name_plural = "ImageFiles"
    ordering = ['id']

objects = ImageFileManager()
class OCRText(models.Model):
    text = models.TextField("OCR text", blank=True)
    lang = models.TextField("Language", default="EN")
    execution_time = models.IntegerField("Execution Time", editable=False, null=True);
    image = models.ForeignKey('ImageFile', on_delete=models.CASCADE)
    create_at = models.DateTimeField("Create at", auto_now_add=True)

```

```

updated_at = models.DateTimeField("Update at", auto_now=True)

def __str__(self):
    return "{0:03d} - {1}".format(self.id, self.image.internal_reference)

class Meta:
    verbose_name = "OCRText"
    verbose_name_plural = "OCRTexts"
    ordering = ['id']
from django.urls import path
from uploader.views import home,image_to_text,MainPageView, ContactPageView,
DocumentationPageView,TestimonialPageView,AboutPageView

urlpatterns = [
    # path("", home, name='home'),
    path('image_to_text/', image_to_text, name='image_to_text'),
    path("", MainPageView.as_view(), name='mainpage'),
    path('contactus/', ContactPageView.as_view(), name='contactus'),
    path('testimonial/', TestimonialPageView.as_view(), name='testimonial'),
    path('documentation/', DocumentationPageView.as_view(), name='documentation'),
    path('about/', AboutPageView.as_view(), name='about'),
]

import os
import sys

if __name__ == '__main__':
    os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'OCR_web.settings')
    try:
        from django.core.management import execute_from_command_line
    except ImportError as exc:
        raise ImportError(
            "Couldn't import Django. Are you sure it's installed and "
            "available on your PYTHONPATH environment variable? Did you "
            "forget to activate a virtual environment?"
        ) from exc
    execute_from_command_line(sys.argv)
from django.shortcuts import render, redirect
from uploader.forms import ImageFileForm
from uploader.models import ImageFile

from django.views.generic import TemplateView

```



# Create your views here.

```
class MainPageView(TemplateView):  
    template_name = 'uploader/mainpage.html'
```

```
class ContactPageView(TemplateView):  
    template_name = 'uploader/contactus.html'
```

```
class DocumentationPageView(TemplateView):  
    template_name = 'uploader/documentation.html'
```

```
class TestimonialPageView(TemplateView):  
    template_name = 'uploader/testimonial.html'
```

```
class AboutPageView(TemplateView):  
    template_name = 'uploader/about.html'
```

```
def home(request):  
    data = dict()
```

```
    image_form = ImageFileForm(request.POST or None, request.FILES or None)  
    if image_form.is_valid():  
        image = image_form.save()  
        image.execute_and_save_ocr()  
        redirect('image_to_text')
```

```
    image_list = ImageFile.objects.all().order_by('-id')
```

```
    data['image_form'] = image_form  
    data['image_list'] = image_list  
    return render(request, "uploader/index.html", data)
```

```
def image_to_text(request):  
    data = dict()
```

```
    image_form = ImageFileForm(request.POST or None, request.FILES or None)  
    if image_form.is_valid():  
        image = image_form.save()  
        image.execute_and_save_ocr()  
        redirect('image_to_text')
```

```
    image_list = ImageFile.objects.all().order_by('-id')
```

```
    data['image_form'] = image_form
```

```
data['image_list'] = image_list
return render(request, "uploader/image_to_text.html", data)
```

```
from django import forms
from uploader.models import ImageFile
```

```
class ImageFileForm(forms.ModelForm):
    class Meta:
        model = ImageFile
        fields = ('image', )
```

```
from django.contrib import admin
from uploader.models import ImageFile
```

```
admin.site.register(ImageFile)
```

```
def execute_and_save_ocr(self):
    import time
    start_time = time.time()

    img = Image.open(self.image)
    txt = pytesseract.image_to_string(img, lang='eng')
    execution_time = time.time() - start_time
    ocr_txt = OCRText(image = self, text = txt, lang = "EN", execution_time =
execution_time)
    ocr_txt.save()

    print("The image {0} was opened.".format(self.image))
    print('OCR: \n{0}\n'.format(txt))
    print('Execution Time: {0}'.format(ocr_txt.execution_time))

    return ocr_txt

"""
def get_absolute_url(self):
    from django.urls import reverse
    return reverse('course_details', args=[], kwargs={'slug': self.slug})
"""

def save(self, *args, **kwargs):
```

```

    if not self.internal_reference:
        random_value = utils.random_value_generator(size=20)
        while ImageFile.objects.filter(internal_reference=random_value).exists():
            random_value = utils.random_value_generator(size=20)
        hash_value = hashlib.md5(bytes(str(self.id) + str(random_value), 'utf-8'))
        self.internal_reference = hash_value.hexdigest()
    super(ImageFile, self).save(*args, **kwargs)

class Meta:
    verbose_name = "ImageFile"
    verbose_name_plural = "ImageFiles"
    ordering = ['id']

objects = ImageFileManager()
class OCRText(models.Model):
    text = models.TextField("OCR text", blank=True)
    lang = models.TextField("Language", default="EN")
    execution_time = models.IntegerField("Execution Time", editable=False, null=True);
    image = models.ForeignKey('ImageFile', on_delete=models.CASCADE)
    create_at = models.DateTimeField("Create at", auto_now_add=True)
    updated_at = models.DateTimeField("Update at", auto_now=True)

    def __str__(self):
        return "{0:03d} - {1}".format(self.id, self.image.internal_reference)

class Meta:
    verbose_name = "OCRText"
    verbose_name_plural = "OCRTexts"
    ordering = ['id']
from django.urls import path
from uploader.views import home,image_to_text,MainPageView, ContactPageView,
DocumentationPageView,TestimonialPageView,AboutPageView

urlpatterns = [
    # path("", home, name='home'),
    path('image_to_text/', image_to_text, name='image_to_text'),
    path("", MainPageView.as_view(), name='mainpage'),
    path('contactus/', ContactPageView.as_view(), name='contactus'),
    path('testimonial/', TestimonialPageView.as_view(), name='testimonial'),
    path('documentation/', DocumentationPageView.as_view(), name='documentation'),
    path('about/', AboutPageView.as_view(), name='about'),
]

import os

```

```

import sys

if __name__ == '__main__':
    os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'OCR_web.settings')
    try:
        from django.core.management import execute_from_command_line
    except ImportError as exc:
        raise ImportError(
            "Couldn't import Django. Are you sure it's installed and "
            "available on your PYTHONPATH environment variable? Did you "
            "forget to activate a virtual environment?"
        ) from exc
    execute_from_command_line(sys.argv)
from django.shortcuts import render, redirect
from uploader.forms import ImageFileForm
from uploader.models import ImageFile

from django.views.generic import TemplateView

# Create your views here.

class MainPageView(TemplateView):
    template_name = 'uploader/mainpage.html'

class ContactPageView(TemplateView):
    template_name = 'uploader/contactus.html'

class DocumentationPageView(TemplateView):
    template_name = 'uploader/documentation.html'
class TestimonialPageView(TemplateView):
    template_name = 'uploader/testimonial.html'

class AboutPageView(TemplateView):
    template_name = 'uploader/about.html'

def home(request):
    data = dict()

    image_form = ImageFileForm(request.POST or None, request.FILES or None)
    if image_form.is_valid():
        image = image_form.save()

```

```
image.execute_and_save_ocr()  
redirect('image_to_text')
```

```
image_list = ImageFile.objects.all().order_by('-id')
```

```
data['image_form'] = image_form  
data['image_list'] = image_list  
return render(request, "uploader/index.html", data)
```

```
def image_to_text(request):  
    data = dict()
```

```
    image_form = ImageFileForm(request.POST or None, request.FILES or None)  
    if image_form.is_valid():  
        image = image_form.save()  
        image.execute_and_save_ocr()  
        redirect('image_to_text')  
    image_list = ImageFile.objects.all().order_by('-id')
```