

Convert Voice to Text

Start Recording

Stop Recording

Save to Database

Get Data From Database

Text	Date
bahz	2023-08-06 20:16:40
السلام عليكم ورحمة الله وبركاته	2023-08-06 20:45:21
السلام عليكم ورحمة الله وبركاته	2023-08-06 20:52:27

Activate Windows
Go to Settings to activate Windows.

```

//start voice.html
<!DOCTYPE html>
<html>
<head>
  <title>                                </title>
  <link rel "stylesheet" href "https://maxcdn.bootstrapcdn.com/bootstrap/4.
5.2/css/bootstrap.min.css">
  <script src "https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.mi
n.js"></script>
  <style>
    body
      display flex
      flex-direction column
      justify-content center
      padding-left 20px
      padding-right 20px

    .custom-input
      width 100%
      height 100px

    .custom-bold
      font-weight bold
      color white

  </style>
</head>
<body>
  <h1>                                </h1>
  <div class "row p-2 ">
    <button id "recordButton" onclick "startRecording()" class "btn
btn-success col-5 mx-1">              </button>
    <button id "stopButton" onclick "stopRecording()" disabled class
"btn btn-danger col-5 mx-1">          </button>
    <div id "message" class "font-weight-bold fs-5 custom-bold"></div>
  </div>
  <div class "row">
    <div class "col-12 ">
      <form id "nameForm">
        <input type "text" id "nameInput" class "mt-3 form-control-
lg custom-input" required>
      </div>
      <div class "col-12 d-flex justify-content-center py-2">
        <button type "button" class "btn btn-success" id "saveButton">
          </button>

```

```

        </form>
    </div>
</div>
<div class "col-12 d-flex justify-content-center py-2">
    <button type "button" class "btn btn-
success" id "getDataButton">        </button>
</div>
<table class "table">
    <thead>
        <tr>
            <th scope "col">        </th>
            <th scope "col">        </th>
        </tr>
    </thead>
    <tbody id "tableBody">
        </tbody>
    </table>

<script>
    $ document ready function
        $ '#saveButton' click function event

event.preventDefault    // Prevent form from submitting normally
var name = $ '#nameInput' val
    // Send the data to the PHP page using AJAX
    $ ajax
        url: 'saveVoice.php'

        type: 'POST'
        data:   name: name
        success: function response
            $ '#message' addClass 'bg-success my-3 p-
1' text response

            error: function xhr status error
                console error xhr.responseText
let recognizer
let textTextArea = document getElementById "nameInput"
let recordButton = document getElementById "recordButton"
let stopButton = document getElementById "stopButton"
function startRecording
    recordButton disabled = true
    stopButton disabled = false
    textTextArea value = ""
recognizer = new webkitSpeechRecognition

```

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        recognizer continuous = true
        recognizer interimResults = true
        recognizer lang = "ar-EG,en-
US" // Arabic (Egypt) and English (United States) languages
        recognizer onresult = function event
            let text = ""
            for let i = event resultIndex i < event results length ++i
                if event results i isFinal
                    text += event results i 0 transcript
            textTextArea value = text

        recognizer onerror = function event
            console error "Recognition error: " + event error

        recognizer start
    function stopRecording
        recordButton disabled = false
        stopButton disabled = true
        recognizer stop
    $ '#getDataButton' click function
        $ ajax url: 'getData.php'
        type: 'GET' dataType: 'json'
        success: function data
            if data length > 0
                var tableRows = '' $ each data function index row
                tableRows += '<tr>' tableRows += '<td>' + row voice_txt + '</td>'
            >' tableRows +=
                '<td>' + row date + '</td>' tableRows += '</tr>'
                $ '#tableBody' html tableRows
            else $ '#tableBody' html '<tr><td colspan="2">No data found.
</td></tr>'

            error: function

                $ '#tableBody' html '<tr><td colspan="2">Error retrieving da
ta.</td></tr>'

    </script>
</body>
</html>

//end voice.html

```

```

//start saveVoice.html
<?php
if isset $_POST 'name'
    $name = $_POST 'name'
    $date=date 'Y-m-d H:i:s'
    // Database connection details
    $servername = "localhost"
    $username = "root"
    $password = ""
    $dbname = "voice"
    try
        $pdo = new PDO "mysql:host=$servername;dbname=$dbname" $username $pa
ssword
        $pdo->setAttribute PDO::          PDO::

        $sql = "INSERT INTO voice_text (voice_txt,date) VALUES (?,?)"
        $stmt = $pdo->prepare $sql
        $stmt->bindParam 1 $name
        $stmt->bindParam 2 $date
        if $stmt->execute
            echo " saved successfully."
            else
                echo "Error: Unable to save text ."
        catch PDOException $e
            echo "Connection failed: " . $e->getMessage
?>
//end saveVoic.php

```

```
//start getData.php
<?php
$servername = "localhost"
$username = "root"
$password = ""
$dbname = "voice"
try
    $pdo = new PDO "mysql:host=$servername;dbname=$dbname" $username $pass
word
    $pdo->setAttribute PDO::                PDO::
    $sql = "SELECT * FROM voice_text"
    $stmt = $pdo->prepare $sql
    $stmt->execute
    $result = $stmt->fetchAll PDO::
    if $stmt->rowCount  > 0
        $data = array
        foreach $result as $row
            $data  = array
                'voice_txt' => $row 'voice_txt'
                'date' => $row 'date'

        echo json_encode $data
    else
        echo json_encode array "message" => "No data found."

    catch PDOException $e
        echo "Connection failed: " . $e->getMessage

?>
```