

- Record and convert to text

localhost x x تحويل الصوت الى نص +

localhost:8044/Nouf/Nouf.html

تحويل الصوت الى نص

إيقاف التسجيل

ابدأ التسجيل

مرحبا السلام عليكم

حفظ النص في قاعدة البيانات

استعادة النصوص من قاعدة البيانات

النص	تاريخ التسجيل
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Activate Windows
Go to Settings to activate Windows.

- Save text in DB and retrieve all text from DB

localhost:8044/Nouf/Nouf.html

تحويل الصوت الى نص

إيقاف التسجيل

ابدأ التسجيل

saved successfully

مرحبا السلام عليكم

حفظ النص في قاعدة البيانات

استعادة النصوص من قاعدة البيانات

النص	تاريخ التسجيل
السلام عليكم	15:05:14 2023-08-10
مرحبا السلام عليكم	16:57:04 2023-08-10

Activate Windows
Go to Settings to activate Windows.

Nouf.html

```
<!DOCTYPE html>
<html dir="rtl" lang="ar">
<head>
  <meta charset="utf-8">
  <title>تحويل الصوت الى نص</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.min.js"></scr
ipt>
  <style>
    body {
      display: flex;
      flex-direction: column;
      justify-content: center;
      padding-left: 30px;
      padding-right: 30px;
    }
    .custom-input {
      width: 100%;
      height: 100px;
    }
    .custom-bold {
      font-weight: bold;
      color: white;
    }
    h1{
      text-align: center;
      margin-top: 10px;
    }
  </style>
</head>
<body>
  <h1>تحويل الصوت الى نص</h1>
  <br>
  <br>
  <br>
  <div class="row p-2 ">
    <button id="recordButton" onclick="startRecording()" class="btn
btn-dark col-5 mx-1">ابدأ التسجيل</button>
    <button id="stopButton" onclick="stopRecording()" disabled
class="btn btn-warning col-5 mx-1">ايقاف التسجيل</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-dark" id="saveButton"> حفظ النص </button>
    </form>
</div>
</div>
<div class="col-12 d-flex justify-content-center py-2">
    <button type="button" class="btn btn-info" id="getDataButton"> استعادة
    </button>
</div>
<table class="table" style="text-align: center;">
    <thead>
        <tr>
            <th scope="col">النص</th>
            <th scope="col">تاريخ التسجيل</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: 'Nouf_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();
    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: 'Nouf_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
data.</td></tr>');
    } })
});
</script>
</body>
</html>

```

Nouf_saveVoice.php

```
<?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,
$password);
        $pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

        $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();
    }
}
?>
```

Nouf_getData.php

```
<?php
// Database connection details
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "voice";

try {
    $pdo = new PDO("mysql:host=$servername;dbname=$dbname", $username,
$password);
    $pdo->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    $sql = "SELECT * FROM voice_text";
    $stmt = $pdo->prepare($sql);
    $stmt->execute();
    $result = $stmt->fetchAll(PDO::FETCH_ASSOC);

    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();
}
?>
```