



Tecnológico Nacional de
México

Instituto Tecnológico de
Reynosa

Materia: Negocios electrónicos

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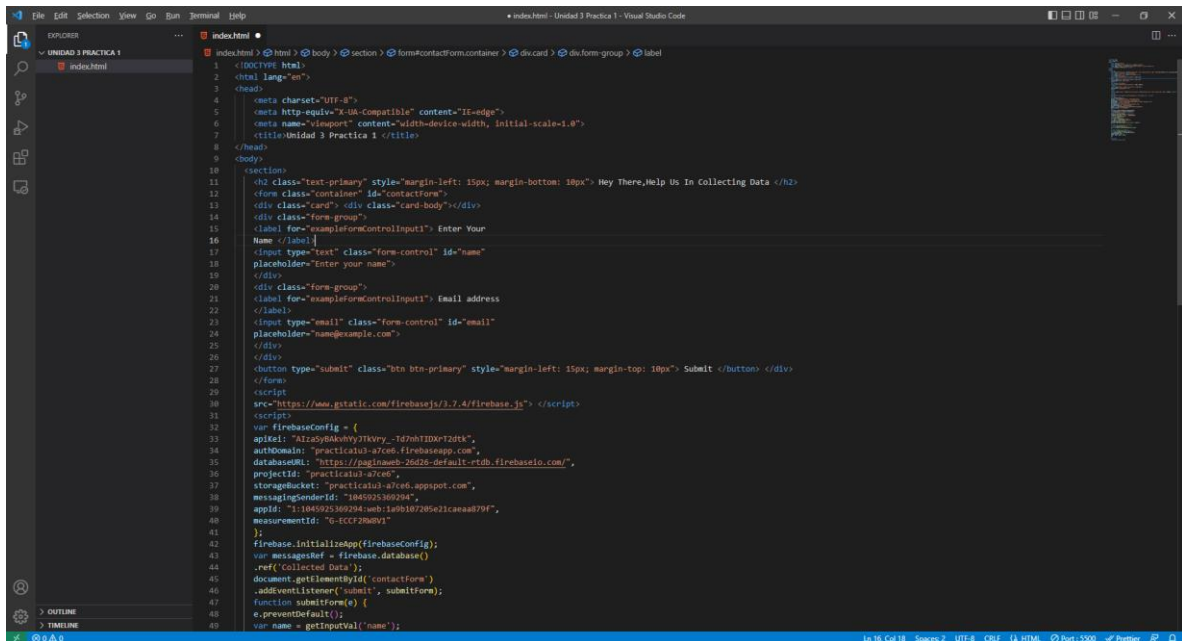
Título: Unidad 3 Tarea 1 Negocios
Electrónicos

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Alumno: Castillo Jr. Gregorio

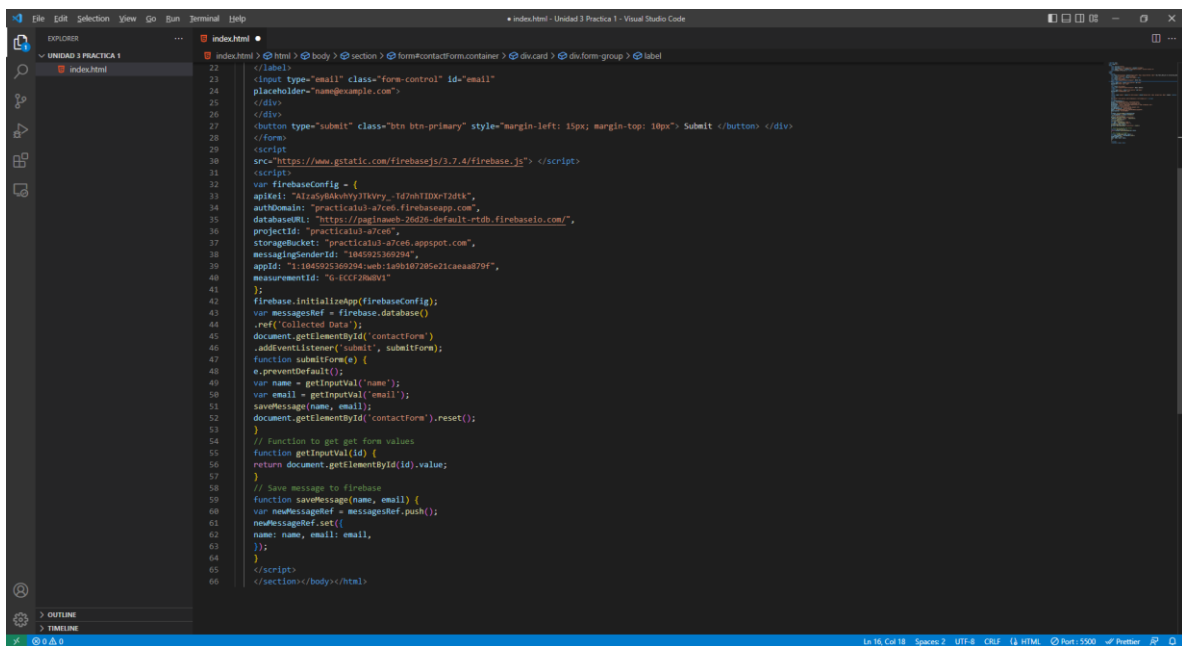
Numero de control: 19580589

Creación de sitio web con datos en firebase



The screenshot shows the Visual Studio Code editor with a file named `index.html` open. The Explorer sidebar on the left shows a project structure with `UNIDAD 3 PRACTICA 1` and `index.html`. The main editor area displays the following code:

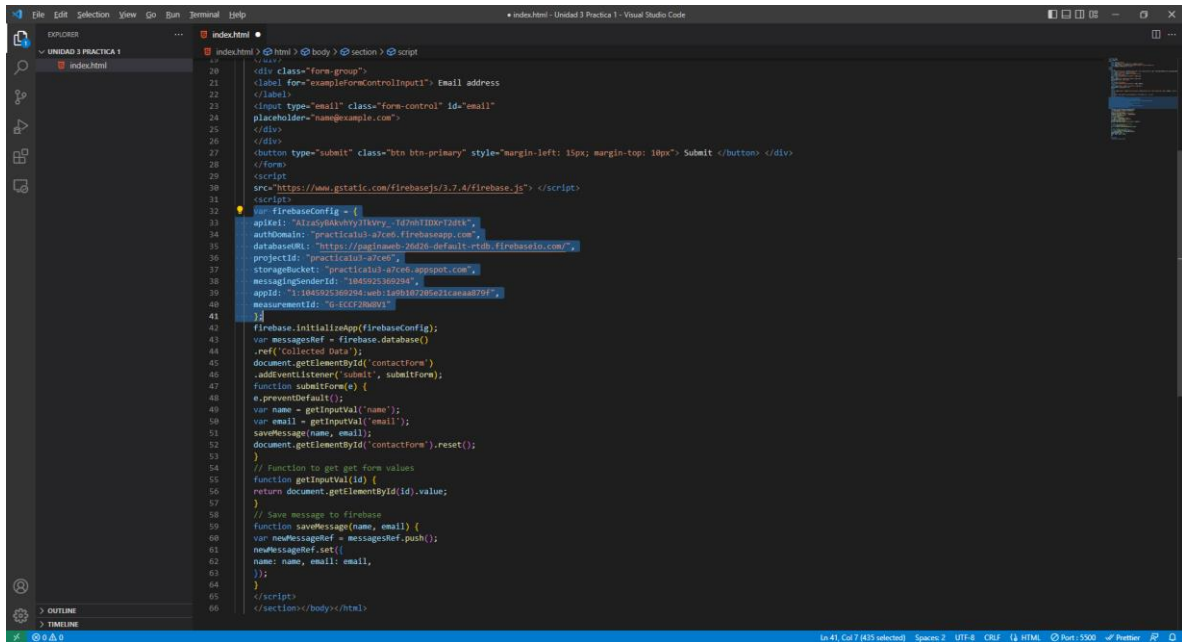
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Unidad 3 Practica 1 </title>
8 </head>
9 <body>
10 <section>
11   <h2 class="text-primary" style="margin-left: 15px; margin-bottom: 10px;">Hey There, Help Us In Collecting Data </h2>
12   <div class="container" id="contactForm">
13     <div class="card">
14       <div class="form-group">
15         <label for="exampleFormControlInput1">Enter Your Name </label>
16         <input type="text" class="form-control" id="name" placeholder="Enter your name">
17       </div>
18       <div class="form-group">
19         <label for="exampleFormControlInput1">Email address </label>
20         <input type="email" class="form-control" id="email" placeholder="name@example.com">
21       </div>
22       <div>
23         <button type="submit" class="btn btn-primary" style="margin-left: 15px; margin-top: 10px;">Submit </button>
24       </div>
25     </div>
26   </div>
27 </section>
28 <script
29   src="https://www.gstatic.com/firebasejs/3.7.4/firebase.js"> </script>
30 </script>
31
32 var firebaseConfig = {
33   apiKey: "AIzaSyBkAkvhy3TKvry...Id7nh1D0x7zdtk",
34   authDomain: "practicau3-a7ce6.firebaseio.com",
35   databaseURL: "https://practicau3-a7ce6.firebaseio.com",
36   projectId: "practicau3-a7ce6",
37   storageBucket: "practicau3-a7ce6.appspot.com",
38   messagingSenderId: "1045025369294",
39   appId: "1:1045025369294:web:10b107205621ceaa879f",
40   measurementId: "G-ECF280Bv1"
41 };
42
43 firebase.initializeApp(firebaseConfig);
44 var messagesRef = firebase.database()
45   .ref('Collected Data');
46 document.getElementById('contactForm')
47   .addEventListener('submit', submitForm);
48 function submitForm(e) {
49   e.preventDefault();
50   var name = getInputVal('name');
```



The screenshot shows the continuation of the JavaScript code in the `index.html` file. The code continues from line 50:

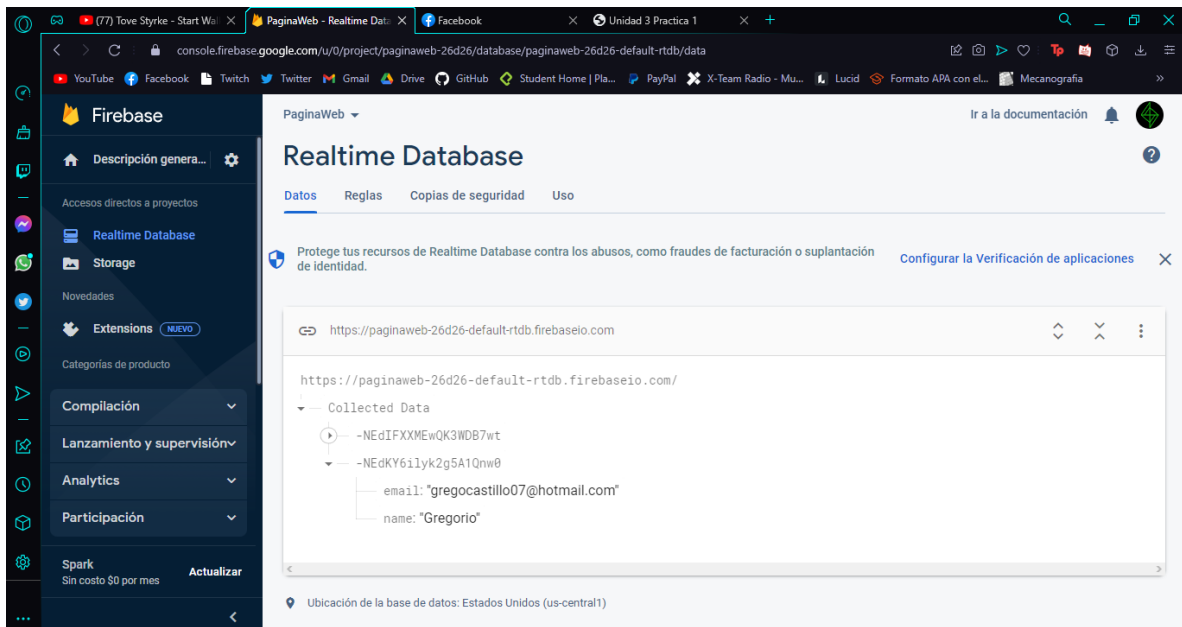
```
51   var email = getInputVal('email');
52   saveMessage(name, email);
53   document.getElementById('contactForm').reset();
54 }
55 // Function to get get form values
56 function getInputVal(id) {
57   return document.getElementById(id).value;
58 }
59 // Save message to firebase
60 function saveMessage(name, email) {
61   var newMessagesRef = messagesRef.push();
62   newMessagesRef.set({
63     name: name, email: email,
64   });
65 }
66 </script>
67 </body></html>
```

Uso de firebase



```
index.html > index.html > body > section > script
<script>
  <div class="form-group">
    <label for="exampleInput1"> Email address
  </label>
  <input type="email" class="form-control" id="email"
  placeholder="name@example.com">
  </div>
  <button type="submit" class="btn btn-primary" style="margin-left: 15px; margin-top: 10px"> Submit </button> </div>
  </form>
  <script>
    src="https://www.gstatic.com/firebasejs/3.7.4/firebase.js"> </script>
  </script>
  <script>
    // FirebaseConfig = {
    apiKey: "AIzaSyBkxhVj1Kvvy...Id7nH10K7I2stK",
    authDomain: "practical3-a7ce6.firebaseio.com",
    databaseURL: "https://paginaweb-26d26-default-rtdb.firebaseio.com",
    projectId: "practical3-a7ce6",
    storageBucket: "practical3-a7ce6.appspot.com",
    messagingSenderId: "1045923360294",
    appId: "1:1045923360294:web:1a0810720e21c0e0d79f",
    measurementId: "G-1K5G2300VY1"
    }
    //
    firebase.initializeApp(firebaseConfig);
    var messageRef = firebase.database()
    .ref('collected data');
    document.getElementById('contactForm')
    .addEventListener('submit', submitForm);
    function submitForm(e) {
      e.preventDefault();
      var name = getInputVal('name');
      var email = getInputVal('email');
      saveMessage(name, email);
      document.getElementById('contactForm').reset();
    }
    // Function to get get form values
    function getInputVal(id) {
      return document.getElementById(id).value;
    }
    // Save message to firebase
    function saveMessage(name, email) {
      var newMessageRef = messageRef.push();
      newMessageRef.set({
        name: name, email: email,
      });
    }
  </script>
</section></body></html>
```

Resultados de firebase



The screenshot shows the Firebase Realtime Database console for the project 'PaginaWeb'. The 'Datos' (Data) tab is selected, showing a snapshot of the database at the path 'https://paginaweb-26d26-default-rtdb.firebaseio.com/'. The data is structured as follows:

```
Collected Data
├── -NEdIFXXMEwQK3WDB7wt
│   └── -NEdKY61lyk2g5A1Qnw0
│       ├── email: "gregocastillo07@hotmail.com"
│       └── name: "Gregorio"
```

The console also displays the location of the database: 'Ubicación de la base de datos: Estados Unidos (us-central1)'.