I've shared the project with you on Firebase so you can look at the rules.
https://console.firebase.google.com/project/mobileappsscoreboard/overview

Currently the database rules are set up to accept anyone writing to the scoreboard with put a
in place but never contacted auth system (the auth check short circuits)

If you have any questions, please don't hesitate to ask.

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Gaming Club Scoreboard</title>
    <link rel='shortcut icon' href='favicon.ico' type='image/x-icon'/>
    <link rel="stylesheet" type="text/css" href="style.css">

    <link href="https://fonts.googleapis.com/css?family=Share+Tech+Mono|VT323" rel="stylesheet">

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
    <script src="https://www.gstatic.com/firebasejs/5.4.2/firebase-app.js"></script>
    <script src="https://www.gstatic.com/firebasejs/5.4.1/firebase-auth.js"></script>
    <script src="https://www.gstatic.com/firebasejs/5.4.1/firebase-database.js"></script>

    <script src="https://cdn.firebase.com/libs/firebaseui/3.4.1/firebaseui.js"></script>
    <link type="text/css" rel="stylesheet"
    href="https://cdn.firebase.com/libs/firebaseui/3.4.1/firebaseui.css" />

    <script src="firebasestuff.js" language="javascript"></script>
  </head>
  <body>
    <div id="content">
      <center>
        <table>
          <tr>
            <td><span id="lblInputType">Scoreboard</span></td>
          </tr>
        </table>
        <span id="lblInputType2"><center><i>This scoreboard auto-updates.</i></center></span>
      </center>
      <center>
        <table>
          <tr>
            <td><div class="cell">Ranking:</div></td>
            <td><div class="cell">Name:</div></td>
          </tr>
          <tr>
            <td><div class="cell">1</div></td>
            <td><div class="cell score" id="place1">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">2</div></td>
            <td><div class="cell score" id="place2">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">3</div></td>
            <td><div class="cell score" id="place3">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">4</div></td>
            <td><div class="cell score" id="place4">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">5</div></td>
            <td><div class="cell score" id="place5">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">6</div></td>
            <td><div class="cell score" id="place6">Error - JS did not open.</div></td>
          </tr>
          <tr>
            <td><div class="cell">7</div></td>
            <td><div class="cell score" id="place7">Error - JS did not open.</div></td>
          </tr>
```

```html
      <tr>
        <td><div class="cell">8</div></td>
        <td><div class="cell score" id="place8">Error - JS did not open.</div></td>
      </tr>
      <tr>
        <td><div class="cell">9</div></td>
        <td><div class="cell score" id="place9">Error - JS did not open.</div></td>
      </tr>
      <tr>
        <td><div class="cell">10</div></td>
        <td><div class="cell score" id="place10">Error - JS did not open.</div></td>
      </tr>
      <tr>
        <td><div class="cell">11</div></td>
        <td><div class="cell score" id="place11">Error - JS did not open.</div></td>
      </tr>
      <tr>
        <td><div class="cell">12</div></td>
        <td><div class="cell score" id="place12">Error - JS did not open.</div></td>
      </tr>
      <tr>
        <td><div class="cell">13</div></td>
        <td><div class="cell score" id="place13">Error - JS did not open.</div></td>
      </tr>
    </table>
  </center>

  <br><br><br><br>
  </div>
  <div id="divider"></div>
  <center><h1 class="loginHeader">Staff Login</h1></center>
  <div id="firebaseui-auth-container"></div>
  <div id="loader">Loading...</div>
  </body>
</html>
```

```html
<center>
    KeyPath: <input type="text" id="dbaseKeyPath" value="leaderboarddata/place1"> <i>ex.
    leaderboarddata/place1</i> <br>
    Value: <input type="text" id="dbaseVal" value="John Smith"> <i>ex. John Smith</i> <br>
    <button class="buttonInner" id="submitButton">Submit to Database</button>
</center>
```

```javascript
// Initialize the default app

var config = {
    apiKey: "AIzaSyAReBR16X7iW7h-fHutiC_5on66_vhKKQM",
    authDomain: "mobileappsscoreboard.firebaseapp.com",
    databaseURL: "https://mobileappsscoreboard.firebaseio.com",
    projectId: "mobileappsscoreboard",
    storageBucket: "mobileappsscoreboard.appspot.com",
    messagingSenderId: "173914236267"
};

var defaultApp = firebase.initializeApp(config);

console.log(defaultApp.name);  // "[DEFAULT]"

var defaultDatabase = defaultApp.database();

// Get a reference to the root of the Database
var rootRef = defaultDatabase.ref();

/*firebase.enableLogging(function(logMessage) {
  // Add a timestamp to the messages.
  console.log('[FIREBASE] ' + new Date().toISOString() + ': ' + logMessage);
});*/

// Initialize the FirebaseUI Widget using Firebase.
var ui = new firebaseui.auth.AuthUI(firebase.auth());


var uiConfig = {
  callbacks: {
    signInSuccessWithAuthResult: function(authResult, redirectUrl) {
      // User successfully signed in.
      // Return type determines whether we continue the redirect automatically
      // or whether we leave that to developer to handle.
      return true; //do redirect
    },
    uiShown: function() {
      // The widget is rendered.
      // Hide the loader.
      document.getElementById('loader').style.display = 'none';
    }
  },
  // Will use popup for IDP Providers sign-in flow instead of the default, redirect.
  signInFlow: 'popup',
  signInSuccessUrl: 'admin/index.html',
  signInOptions: [
    // Leave the lines as is for the providers you want to offer your users.
    firebase.auth.GoogleAuthProvider.PROVIDER_ID,
    //firebase.auth.FacebookAuthProvider.PROVIDER_ID,
    //firebase.auth.TwitterAuthProvider.PROVIDER_ID,
    //firebase.auth.GithubAuthProvider.PROVIDER_ID,
    firebase.auth.EmailAuthProvider.PROVIDER_ID,
    //firebase.auth.PhoneAuthProvider.PROVIDER_ID
  ],
  // Terms of service url.
  //tosUrl: '<your-tos-url>',
  // Privacy policy url.
  //privacyPolicyUrl: '<your-privacy-policy-url>'
};


//==================================================================================
=======================//
```

```javascript
function getPlace(number) {
    return rootRef.child("leaderboarddata/place" + number).once('value');
}

function updateElementID(elementID, value) {
    var setText = "";
    if (value == null)
        setText = "-";
    else
        setText = value;
    $("#" + elementID).text(setText);
}

function attachPlaceListener(number) {
    rootRef.child("leaderboarddata/place" + number).on('value', function(snapshot) {
    updateElementID("place" + number, snapshot.val());
});
}

function loadContent() {

    for (i = 1; i < 14; i++) {
        $("#place" + i).text("Loading...");
    }

    $(".score").each(function(index){
        attachPlaceListener(index + 1);
      });

}

$(document).ready(function(){
                loadContent();
                $(".buttonInner").click(loadContent());
                ui.start('#firebaseui-auth-container', uiConfig);
                $("#loader").hide();
});
```

```javascript
$(document).ready(function(){
                loadContent();
                //$(".buttonInner").click(loadContent());
                /*ui.start('#firebaseui-auth-container', {
                  signInOptions: [
                    firebase.auth.GoogleAuthProvider.PROVIDER_ID,
                    firebase.auth.EmailAuthProvider.PROVIDER_ID
                  ],
                  // Other config options...
                });*/
                $("#loader").hide();
                $("#submitButton").click(function() {
                    //alert("Button clicked\n" + $("#dbaseKeyPath").val() + "\n" +
                    $("#dbaseVal").val());
                    try {
                        rootRef.child($("#dbaseKeyPath").val()).set($("#dbaseVal").val());
                    } catch (err) {
                        alert("error: " + err.message);
                    }
                });
});
```