THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided ISO 9001:2008 certified Autonomous institution Affiliated to Anna University)

Madurai – 625 015



21CB390 - Software Engineering Lab

WEBSITE FOR PROMOTION OF REGIONAL-LEVEL TOURNAMENT

SEMESTER III

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BONAFIDE CERTIFICATE

Certified that this mini project report "WEBSITE FOR PROMOTION OF REGIONAL LEVEL TOURNAMENT" is the bonafide work of the team of four students Kishore Kumar M-917721H024, Lokhesh Ram S V-917721H026 Surya Narayanan B-917721H067, Yogesh raj-917721H069, who carried out the project work under my supervision.

Signature

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1 CASE STUDY DESCRIPTION

1.1 Introduction:

Regional tournaments are tournaments usually representing an area, state or province of a particular country. In that sense, regional tournaments can be considered the first step to the World Championships.

Other promotional or unofficial regional tournaments are sometimes held with no real relation to the National or World Championships but are competitive in their own right due to the bragging rights on offer, as well as a competitive area to test out new deck types and so on

1.2 Purpose:

Most of the people who shine in sports don't get exposed to society or continue with their passion just because of their financial circumstances.

This website helps to find such talents and promotes the tournament so that most of the talents will be exposed, on the other hand, it helps in the mode of registration.

Any sports institution or team looking for a player can recruit players by seeing their performance which is displayed on our website with their contact details.

1.3 Intended Audience:

The audience of the website will be

- Host
- Spectators
- Team coaches and Recruiters

1.4 Project scope:

- It creates an opportunity for the players who shined throughout the tournament.
- The individual may get an offer from any sports institution or any other organization.
- People conducting the tournament will receive sponsorship.
- Cost of promotion and advertisement will be reduced.

2 REQUIREMENT SPECIFICATION

2.1 User Interfaces

2.1.1 Login page

This is the main login in the system. This interface is designed in such a way that anyone can log in but if you're a host you must have an account. Enter the correct credentials to log in to the website.

2.1.2 Home page

This page act as an index to the website. It contains every possible function of the website that redirects you to the required page. There are two different home pages one for the host and one for spectators.

2.1.3 Upload page

This page allows you to host a tournament and publish the needed information only if you're a host. No other people can edit the upload page. The host can upload star players and publish scores.

2.1.4 View page

This page is mainly for the spectators and recruiters who need a player or a participant in the tournament who wants to know about the performance of other teams. On this page, we can view the details of the tournament, the list of star players and the scorecard of the matches to date. Nothing can be edited on this page is only for viewing the details.

2.1.5 Hardware Interfaces

The only hardware interface is the device used to communicate with the webpage.

Data is stored in the database and ends with the device screen and web pages.

2.1.6 Software Interfaces

The system will use:

- 1) Web pages for the forms- HTML, CSS
- 2) Programming using JavaScript
- 3) Database created with help of Firebase.

2.2 FUNCTIONAL REQUIREMENTS

2.2.1 Host a tournament

Function: Anyone who's interested can host a tournament.

Priority: Top (Required for the first release)

Requirements: To host a tournament, the user must have registered as a host on the website so that he can upload the required details.

2.2.2 Upload details

Function: The host uploads the scorecard and star players.

Requirements: Only the host can upload the scorecard and star

Players and not the spectators.

2.2.3 View details

Function: The spectators can view the entire overview of the

tournament

Requirement: Anyone can view the website.

.

3 Design Diagram

3.1 Flowchart

There are two different flowcharts for the website that describes the flow of the website.

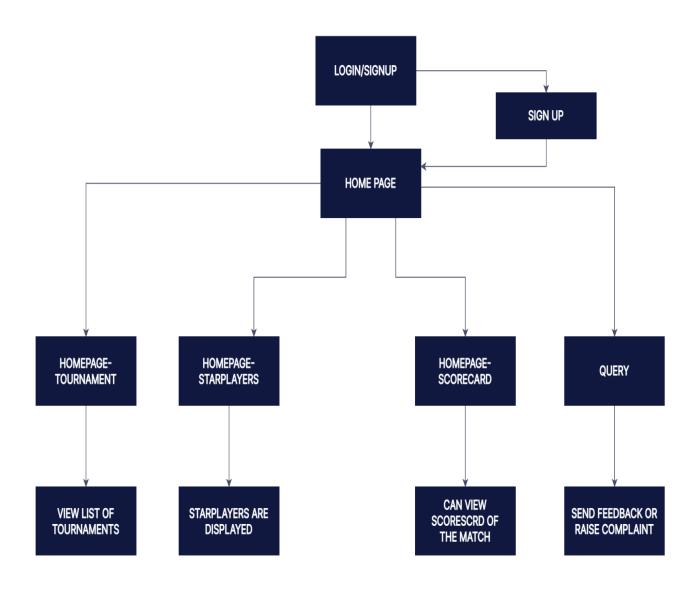
3.1.1 Flowchart for spectator

The first one describes a flow chart for spectators Which needs no verification. They can simply go through the Website and get the required information they need.

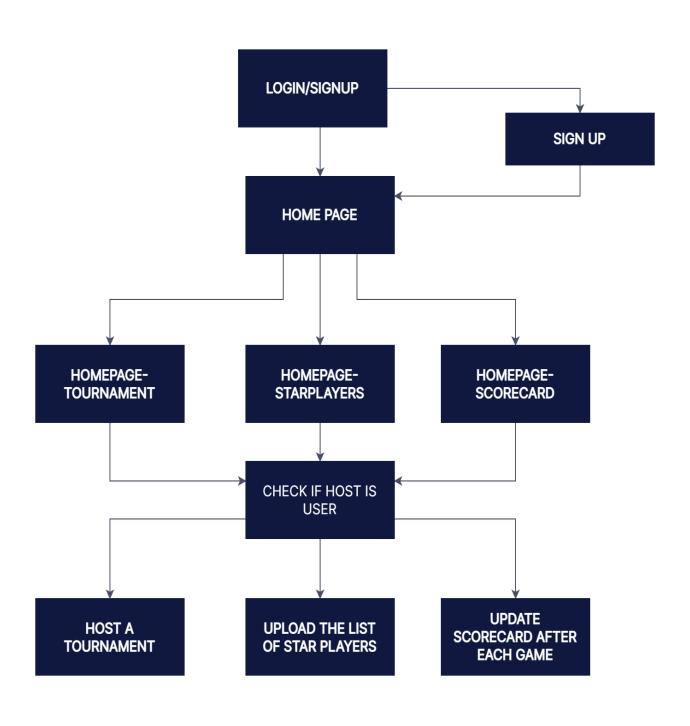
3.1.2 Flowchart for host

The second one describes the flow chart for the host in which there is verification so that only a host can upload the details.

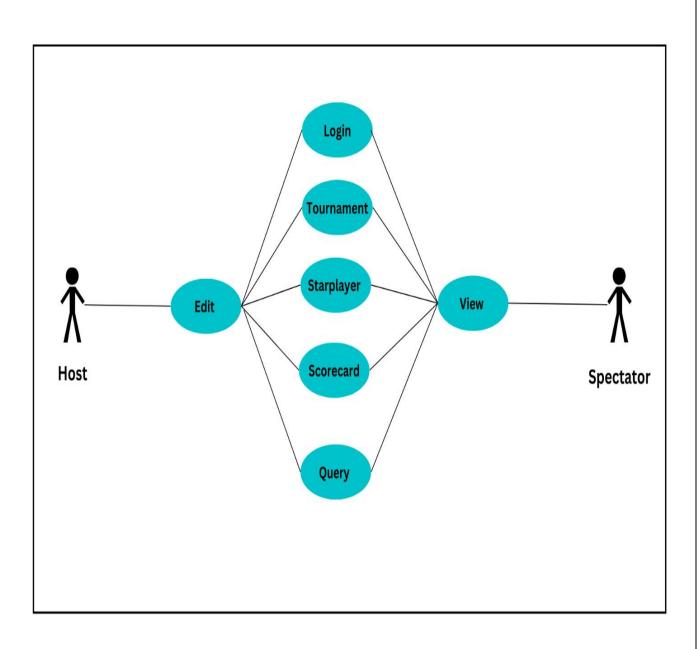
3.1.1 Flowchart for the spectator



3.1.2 Flowchart for the host/user



3.2 Design Diagram



4 Source code

4.1 Login page

4.2 Initiate tournament

```
t.html" > � html > � head > � body > � div#bg > � div#form > � form > � table#table > � t
                                                                                                                                                                                                                                  > host.html > { } "host.html" > � html > � head > � body > � div#bg > � div#form > � form > � ta
<html lang="en"
// Your web app's Firebase configuration
const firebaseConfig = {
    apiKey: "AlzaSyCerunFjWfurqAcpJhv9xklOho6Rxe4_1U",
    authDomain: "login-c3ddb.firebaseapp.com",
    databaseURL: "https://login-c3ddb-default-rtdb.asia-southeast1.firebased
    projectId: "login-c3ddb",
    storageBucket: 'login-c3ddb.appspot.com",
    messagingSenderId: "794850398401",
    appId: "1:794850398401:web:41841cc198a9db67de8440"
        <div id="bg
               <h1 >HOST FORM</h1>
<div id="form">
                                                                                                                                                                                                                                                  // Initialize Firebase
const app = initializeApp(firebaseConfig);
const db= getDatabase();
                                                        FIRST NAME:
                                                                                                                                                                                                                                                      var username= document.getElementById("username");
var contestname= document.getElementById("contestna
var number = document.getElementById("number");
                                                                  <input type="text" id="username" size="30"
maxlength="30" placeholder="Enter first name" />
                                                                                                                                                                                                                                                      var humber = cocument.gettementById("fee");
var deadend = document.gettelementById("deadend")
var venue = document.gettelementById("venue");
var prize = document.gettelementById("prize");
var prize = document.gettelementById("size");
var size = document.gettelementById("size");
var submit = document.gettelementById("submit");
                                                         <id><input type="text" id="contestname" size="30" | maxlength="30" />
                                                                                                                                                                                                                                                       function insertData(){
    set(ref(db , "host/"+contestname.value),{
        hostname : username.value,
        contestname: contestname.value,
        number : number.value,
        number : number.value,
                                                                                                                                                                                                                                                                           prize : number.value,
prize : prize.value,
fee : fee.value,
venue : venue.value,
lastdate : deadend.value,
size : size.value
                                                                  <input type="number" name="day" size="2"
maxlength="2" placeholder="Day" min="1" max="31"</pre>
<select name="month">
   <option value="month">Month</option>
<option value="Jan">Jan</option>
                                                                                                                                                                                                                                                                           alert("registered");
}).catch((error)=>{
alert("error"+error);
```

4.3 Update Score

```
apiKey: "AlzasyCerunFjwfurqAcpjhv9xkl0ho6Rxe4_1U",
authOomain: "login-c3ddb.firebaseapp.com",
databaseURL: "https://login-c3ddb-default-rtdb.asia-southeast1.fireba:
projectId: "login-c3ddb",
storageBucket: "login-c3ddb, appspot.com",
messagingSenderId: "794850398401",
appId: "1:794850398401:web:41841cc198a9db67de8440"
    <title>SCORE</title>
<div class="login-box">
  <h2>UPLOAD</h2>
     <div class="user-box">
    <input type="text" id="tname" required="">
    <label>TOURNAMENT NAME</label>
      const app = initializeApp(firebaseConfig);
const db= getDatabase();
      var tname = document.getElementById("tname");
var m = document.getElementById("m");
var t1 = document.getElementById("1");
var s1 = document.getElementById("1");
      var t2 = document.getElementById("t2");
var s2 = document.getElementById("s2");
var mom = document.getElementById("mom");
                                                                                                                                                                                                         var r = document.getElementById("r");
      var submit = document.getElementById("submit");

                                                                                                                                                                                                                 ction insertData(){
set(ref(db, "score/"+m.
tnname:tname.value,
m:m.value,
ti:tl.value,
s1:s1.value,
tm2:t2.value,
s2:s2.value.
       </div>
<div class="user-box">
     <input type="text" id="r" required="">
     <label>RESULT</label>
                                                                                                                                                                                                                         mom:mom.value.
                                                                                                                                                                                                                         r:r.value
}).then(()=>{
                                                                                                                                                                                                                          alert("data stored");
```

4.4 Publish Star Players

4.5 View Page

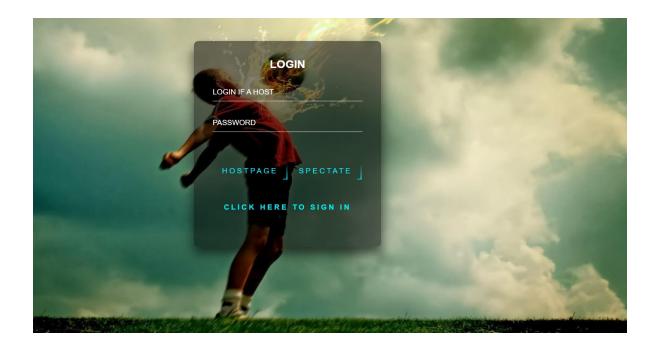
```
     MATCH NAME
                                                                                                                                                                                                                             var entry = CurrentRecord.val().fee;
var deadend = CurrentRecord.val().lastdate;
                    HOST
ENTRYFEE
                                                                                                                                                                                                                             var no = CurrentRecord.val().number:
                    MAX TEAM
LASTDATE
                                                                                                                                                                                                                             AddItemsToTable(trophy, host, csize, cprize, entry, deadend, no
                    PRIZEPOOL
                    VENUE
                   function AddItemsToTable(trophy,host,csize,cprize,entry,deadend,no,ven){
                                                                                                                                                                                                 var tbody = document.getElementById('table-body');
var trow = document.createElement('tr');
var td1 = document.createElement('td');
                                                                                                                                                                                                 var td2 = document.createElement('td');
var td3 = document.createElement('td');
                                                                                                                                                                                                 var td3 = document.createElement('td');
var td4 = document.createElement('td');
var td5 = document.createElement('td');
var td6 = document.createElement('td');
var td7 = document.createElement('td');
     <script src="https://www.gstatic.com/firebasejs/7.15.5/firebase-auth.js">
<script src="https://www.gstatic.com/firebasejs/7.15.5/firebase-database.</pre>
                                                                                                                                                                                                 var td8 = document.createElement('td');
td1.innerHTML = trophy;
td2.innerHTML = host;
td3.innerHTML = entry;
const firebaseConfig = {
    apikey: "AIzaSyCerunFjWturqAcpJhv9xklOho6Rxe4_1U",
    authDomain: "login-c3ddb.firebaseapp.com",
    databaseuRL: "https://login-c3ddb-default-rtdb.asia-southeast1.firebasedata
    projectId: "login-c3ddb',
    storageBucket: "login-c3ddb',
    messagingSenderId: "794850398401",
    appId: "1:794850398401:web:41841cc198a9db67de8440"
                                                                                                                                                                                                 td4.innerHTML = csize;
td5.innerHTML = deadend;
td6.innerHTML = cprize;
td7.innerHTML = no;
                                                                                                                                                                                                  td8.innerHTML = ven;
trow.appendChild(td1);
                                                                                                                                                                                                   trow.appendChild(td2);
trow.appendChild(td3);
                                                                                                                                                                                                    trow.appendChild(td4);
trow.appendChild(td5);
     firebase.initializeApp(firebaseConfig);
     function selectalldata(){
            firebase.database().ref('host').once('value',
function(AllRecords){
   AllRecords.forEach(
                                                                                                                                                                                                    trow.appendChild(td6);
trow.appendChild(td7);
                                                                                                                                                                                                     tbody.appendChild(trow);
```

4.6 Check User

```
const firebaseConfig = {
    apiKey: "AIzaSyCerunFjWfurqAcpJhv9xkl0ho6Rxe4_1U",
    authDomain: "login-c3ddb.firebaseapp.com",
    databaseURL: "https://login-c3ddb-default-rtdb.asia-southeast1.firebaseda
    projectId: "login-c3ddb",
    storageBucket: "login-c3ddb.appspot.com",
    messagingSenderId: "794850398401",
    appId: "1:794850398401:web:41841cc198a9db67de8440"
<title>check user</title>
  link rel="stylesheet" href="register.css">
  <div class="login-box">
  <h2>HOST LOGIN</h2>
      // Initialize Firebase
const app = initializeApp(firebaseConfig);
const db = getDatabase();
var name1 = document.getElementById("name1");
          clost class use = 00x / other type="password" id="pass1" name="" required="">
<label>PASSWORD</label>
                                                                                                                                                                                              var pass1= document.getElementById("pass1");
var submit = document.getElementById("submit");
       <a id="submit" >
                                                                                                                                                                                              function insertData(){
                                                                                                                                                                                          const dbr = ref(db);
get(child(dbr,"Users/"+name1.value)).then((snapshot)=>{
                                                                                                                                                                                                     if(snapshot.exists()){
  if(name1.value == snapshot.val().Name && pass1.value == snapshot.val()
                                                                                                                                                                                                             alert("NO USER FOUND");
         return
                                                                                                                                                                                                  }).catch((error)=>{
  alert("Unsccuessful !"+error);
<script type="module">
  // Import the functions you need from the SDKs you need import { initializeApp } from "https://www.gstatic.com/firebasejs/9.14.0/fiiimport { getAnalytics } from "https://www.gstatic.com/firebasejs/9.13.0/fir
                                                                                                                                                                                          submit.addEventListener("click",insertData);
```

5 Screenshots

5.1 Login if you're a user if not you can spectate



5.1.1 Create an account if you want to be a host.



5.2 Homepage(Only host can access)

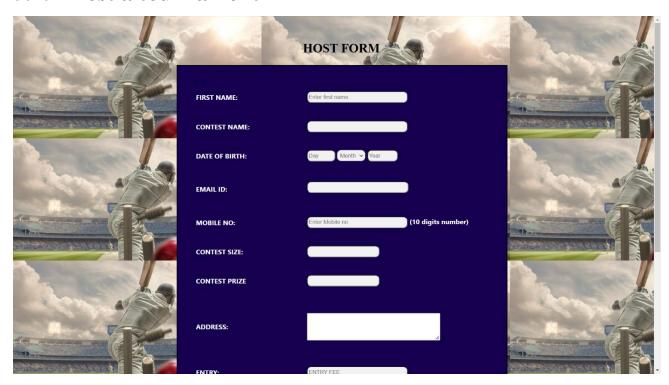




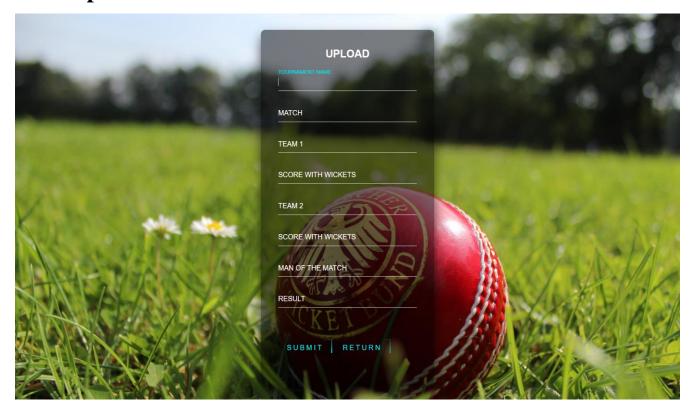
5.2 Check page(To check the individual is host or not)



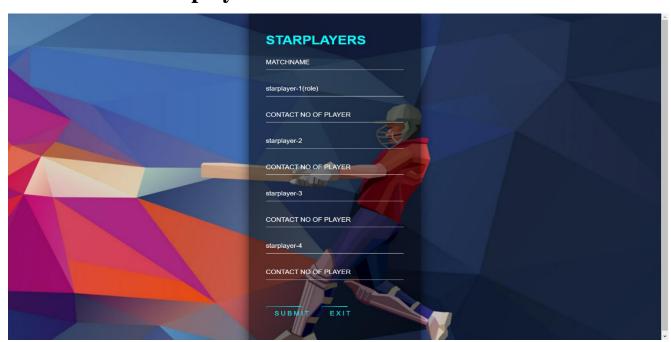
5.2.1 Host a tournament



5.2.2 Update score



5.2.3 Publish star players



5.3 General page(Anyone can access)

5.3.1 Tournaments

MATCH NAME	HOST	ENTRYFEE	MAX TEAM	LASTDATE	PRIZEPOOL	CONTACT	VENUE
MADURAI PREMIER LEAGUE	CHIRANJITH	1000	72	31/12/23	50000	987654321	madurai
MADURAI TEST CHAMPIONSHIP	AADHISRI	5000	50	31/12/22	100000	765478903	BB KULAM
SUPER LEAGUE	NIGITHA	1000	36	31/12/22	30000	125678905	KADACHANENDHAL
WHO'S NEXT DHONI	NAGESH	500	50	31/12/22	25000	9876582490	AVANIYAPURAM
aadhi ninaivu trophy	kishore	20,000	16	31/12/22	10,00,000	1234556	madurai
memorial trophy	HRUSHI	1000	18	31/12/22	15000	123456789	madurai
u19 tournment	sakthi	1000	50	1/1/2023	50,000	98567896	madurai
		eugge dans	of b				
		200					

5.3.2 Scorecard

SCORECARD MATCHNAME: HOSTELERS VS DAY SCHOLARS TOURNAMENT:TCE SUPER LEAGUE **TEAM 1:DAY SCHOLARS** SCORE:120-0 TEAM 2: HOSTELERS SCORE:100-0 MAN OF THE MATCH: AADHITHYA RESULT:DAY SCHOLARS WON BY 20 RUNS MATCHNAME :bb kulam vs sambakulam TOURNAMENT:madurai test championship TEAM 1:bb kulam SCORE:372-10 TEAM 2: sambakulam SCORE:350-10 MAN OF THE MATCH:anonymous RESULT:bb kulam won with 22 runs difference MATCHNAME :ind vs pak TOURNAMENT:mive trophy TEAM 1:ind SCORE:210-5 TEAM 2: pak SCORE:160-5 MAN OF THE MATCH:kohli

5.3.3 Star players



5.3.4 Queries



6 Conclusion

Young talents will have more opportunities thanks to this application, and they will also receive more offers. Anyone who wants to host a tournament can do so with ease, and because the cost of advertising will be lower, the host won't have to bear as much of the burden

If any club or sports organisation is looking for players, they may browse our website's top players list and get in touch with them using the information provided there. This will pave the path for their successful future.

No talent should be lost in our society due to a lack of opportunities or financial limitations. With just a tiny spark, every player can succeed, and our website will be that spark for them.

7 Inference

- https://www.w3schools.com/html/html_scripts.asp
- https://firebase.google.com/docs/web/setup
- https://www.pexels.com/search/4k%20wallpaper/
- https://codepen.io/

