

FireBase Integration

Brain Mentors Pvt Ltd

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Step - 1 go to firebase <https://console.firebase.google.com>

Step - 2 Add a New Project

Step - 3 Choose Add Firebase to Web App

Step - 4 Copy the Script in some js

Step - 5 Also add the following Script
`<script src="https://www.gstatic.com/firebasejs/5.0.4/firebase.js"></script>`

Note: 1. / we send this

1. ['hello', 'world']

2. // Firebase databases store this

3. {0: 'hello', 1: 'world'}

To add the Record

var promise =

```
firebase.database().ref('users/'+userObject.userid).set(userObject))
```

Here users is a main key and userObject.userid is a sub key inside it add a userObject
.set(obj) will push/add the object

To Search a user by userid

function search(id){

```
var pr = new Promise((resolve, reject)=>{
```

```
var users
```

```
=firebase.database().ref('users/'+userid)
```

```
;
```

```
users.on('value',function(snapshot){
```

```
    var obj = snapshot.val();
```

```
    resolve(obj);
```

```
    console.log("Search _____",obj);
```

```
    });
```

```
})
```

```
return pr;
```

```
}
```

```
// Controller
```

```
var pr = search(1001);
```

```
pr.then(data=>{}).catch(err=>{});
```

To Get All Users

Bad Approach

```
var users =  
firebase.database().ref('users');  
  users.on('value',function(snapshot){  
    var obj = snapshot.val();  
    console.log("fetch _____",obj);  
    console.log("Type of ",obj);  
    for(let key in obj){  
      console.log(key, " ", obj[key]);  
    }  
  });
```

Good Approach

The `child_added` event is typically used when retrieving a list of items from the database. Unlike `value` which returns the entire contents of the location, `child_added` is triggered once for each existing child and then again every time a new child is added to the specified path.

```
var prodRef =  
firebase.database().ref('products');  
    prodRef.on("child_added",(snapshot)=>{  
        console.log("Snap Shot is  
",snapshot.val());  
  
    })
```

To Update the User

```
var user =  
firebase.database().ref('users/'+userid);  
users.on('value',function(snapshot){  
    var obj = snapshot.val();  
    console.log("Search _____ ",obj);  
    // Print the object on text boxes  
  
});
```

Update is same as add

call the set method so it will replace the existing user key with new values

To Delete the User

```
var users =  
firebase.database().ref('users/'+userid);
```

```
users.remove();
```

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