

## Project Development PhaseSPRINT-1

Date	08 november 2022
TeamID	PNT2022TMID17666
ProjectName	Project - IOT Based Safety Gadget for ChildSafetyMonitoring &Notification

### ✓ REGISTRATION:

#### HTML:

```
<!DOCTYPEhtml>
<htmllang="en">
<head>
  <metacharset="UTF-8">
  <metahttp-equiv="X-UA-Compatible"content="IE=edge">
  <metaname="viewport"content="width=device-width,initial-scale=1.0">
  <linkrel="stylesheet"href="/css/login.css">
  <title>SignUp</title>
  <script>
    if (window.location.hostname !== "localhost")
      {if(location.protocol!== "https:"){
        location.replace(
          `https:${location.href.substring(
            location.protocol.length
          )}`
        )
      }
    }
  </script>
  <scriptsrc="/localforage.js"></script>
</head>
<body>
  <divclass="wrapper">
    <divclass="loginContainer">
      <span>LogintoContinue</span>
      <divclass="traditionalLoginContainer">
        <formclass="signupForm"action="/"method="post">
          <inputtype="text"name="firstName"placeholder="FirstName"id="firstName">
          <inputtype="text"name="lastName"placeholder="LastName"id="lastName">
          <inputtype="text"name="username"placeholder="UserName"id="username">
```

```

        <input type="email" name="email" placeholder="Email" id="email">
        <input type="password" name="password" placeholder="Password" id="password">
        <input class="loginButton" type="submit" value="Sign Up">
    </form>
</div>

<div class="loginWithFireContainer">
    <button type="button" class="fire" title="Login with SAFETY" id="fire">Login
with SAFETY</button>
</div>

<a class="hyperLink" href="/login">Already have an Account? Login /</a>
</div>
</div>
<script>
    // Necessary for Fire OAuth to Function
    const fireBroadcastingChannel = new
    BroadcastChannel('fireOAuthChannel'); fireBroadcastingChannel.addEventListener('message', async event => {

        let data = event.data
        /**
         * @typedef {Object<string, any>} Data
         * @property {boolean} success - Whether the login was successful
         * @property {string} token - The data returned from the login i.e. Fire Token
         */

        // data.token is the message sent from the fire OAuth Channel after verification
        // data.success is a boolean that indicates whether the verification was successful
        // data.token is the fire token
        // What to do with the Fire Token?

        // * Fire Token is a unique token which uniquely identifies the user who authorized your login
        attemptWithFire

        // * You can use this token ONLY ONCE as it will be destroyed after the first use
        // 1. Send the fire token to the Fire Server to verify the user
        // - You can do that client-sided or server-sided
        // - You need to send a POST Request to the Fire Server with the fire token
        //   at the URL: http://localhost:3003/api/tokens/verify
        // - The Fire Server will verify the fire token and return a response

        //   - If the verification was successful - CODE (200), the Fire Server will return a response with
        the user's data

        //   - If the verification was unsuccessful - CODE (400) or CODE (401), the Fire Server will return
        a response with an error 'message'

        // - You can use the data returned from the Fire Server to create a new user in your database
        // This example will send the token to Fire Servers and console.log the
        response console.log(`%c` + `FireToken: ${data.token}` , `color: #f1c40f; font-
        weight: bold;`);
    });

```

```

const response = await fetch('https://fire.adaptable.app/api/tokens/verify',
  {method:'POST',
    headers:{
      'Content-Type':'application/json'
    },
    body:
      JSON.stringify({tok
        en:data.token
      })
    })
//get theresponse
constresponseData=awaitresponse.json()
// console.log the
responseconsole.log(resp
onseData)
awaitlocalforage.setItem('userData',{...responseData,isFire:true})
//Addingtheuser datatotheuserDatabase
let database = await
localforage.getItem("userDatabase")if(database ==null) {
  database=[]
}
database.push(responseData)
awaitlocalforage.setItem("userDatabase",database)
// redirect to the home
pagewindow.location.href='
/'
})
function popupwindow(url, title, w, h)
{varleft=(screen.width/2)-(w/2);
vartop=(screen.height/2)-(h/2);

  return window.open(url, title, 'toolbar=no, location=no, directories=no, status=no,
menubar=no,scrollbars=no,resizable=no,copyhistory=no,width='+w+',height='+h+',top='+top+',left='+le
ft);
}
document.getElementById("fire").addEventListener("click", function()
  {popupwindow("/fireoauth.html", "Fire OAuth",450,600)
})
</script>
<script>
// this.Website's Scripts / App
Logicdocument.querySelector(".signupForm").addEventListener("submit",async(e)=>{
  e.preventDefault()
  let firstName =
  document.getElementById("firstName").valuelet lastName =
  document.getElementById("lastName").valueletusername=do

```

```
cument.getElementById("username").value
```

```

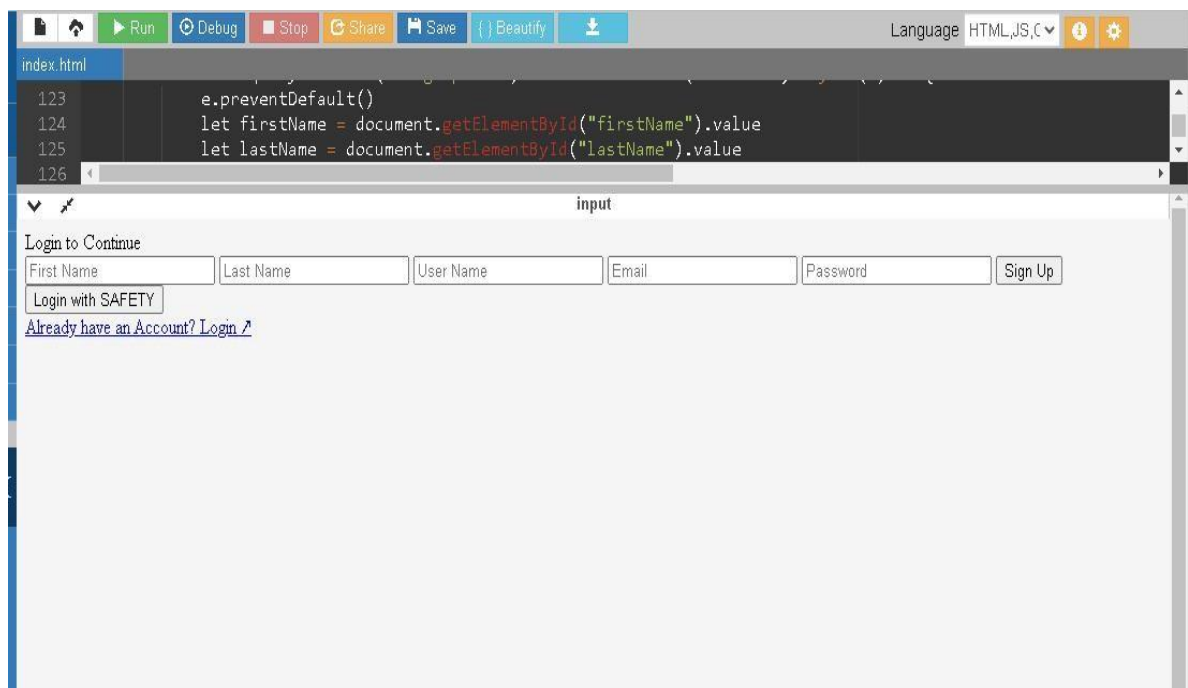
        let email = document.getElementById("email").value
        let password =
        document.getElementById("password").value
        let profilePic = `
        https://avatars.dicebear.com/api/adventurer-
        neutral/${firstName}${lastName}.svg?backgroundColor=variant03`

        let data = { firstName, lastName, username, email, password, profilePic
        }
        await localforage.setItem("userData", data)

        let database = await
        localforage.getItem("userDatabase")
        if (database == null) {
            database = []
        }
        database.push(data)

        await localforage.setItem("userDatabase",
        database)
        window.location.href = "/"
    })
</script>
</body>
</html>

```



## ✓ CONFIRMATION

### EMAIL:INDEX:

```
<!DOCTYPEhtml>
```

```
<html lang="en" style="height:100%;margin:0;">
```

```
<head>
```

```
<meta charset="UTF-8"/>
```

```
<meta name="description" content="TheHomePageafter LoggedIn"/>
```

```

        <metaname="viewport" content="width=device-width,initial-scale=1.0"/>

        <title>IOTBasedSafetyGadgetforChildSafetyMonitoringandNotification</title>
<scriptsrc="/localforage.js"></script>

        <script>

                if (window.location.hostname !== "localhost")

                        {if(location.protocol!== "https:"){

                                location.replace(

                                        `https:${location.href.substring(

                                                location.protocol.length

                                                )}`

                                )

                        }

                }

                async function check()

                {letdata=localforage.getItem("userData")if(

                data == null){

                        window.location.href="/login"

                }

                }

                check()

        </script>

</head>

<body

        style="

                height:100%;

                margin:0;

                font-weight:300;

                font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI',

                        Roboto,Oxygen,Ubuntu,Cantarell,'OpenSans','HelveticaNeu

                        e',

                        sans-serif;

                "

        >

        <div

                class="wrapper"

                style="

                        height:

                        90%;display:

                        flex;

                        flex-direction:column;

```

```

        align-items:
        center;justify-content:
        center;
text-align:center;
        "
    >
        <div
            class="details"
            style="
                display:flex;
                flex-direction:
                column;align-items:
                center;gap:20px;
                padding:
                1rem;border-
                radius:5px;
                box-shadow:008px 0px#44444444;
            max-width:80%;
            "
        >
            <h1class="name"style="margin:0"></h1>
            <div
                class="imageContainer"
                style="padding:10px;height:10rem;width:10rem"
            >
                <imgclass="image"alt="profilepicture"/>
            </div>
            <h2class="email"style="margin:0"></h2>

            <a style="text-decoration: none;text-align: center;font-size: 1.2rem;color: #0070f3;font-
            weight:400;"href="/dashboard">GotoDashboard /</a>

        </div>
    </div>
    <script>
        asyncfunctionmain(){
            let name =
            document.querySelector(".name")let image =
            document.querySelector(".image")letemail=do
            cument.querySelector(".email")

            let userData = await
            localforage.getItem("userData")if(userData==null){
                window.location.href="/login"

```

```

    }

    name.innerHTML = `Welcome ${userData.firstName}

    ${userData.lastName}` image.src=userData.profilePic

    email.innerHTML = `Your email is: <a style="text-decoration: none;color:
#0072B5;"href="mailto:${userData.email}">${userData.email}</a>`

    }

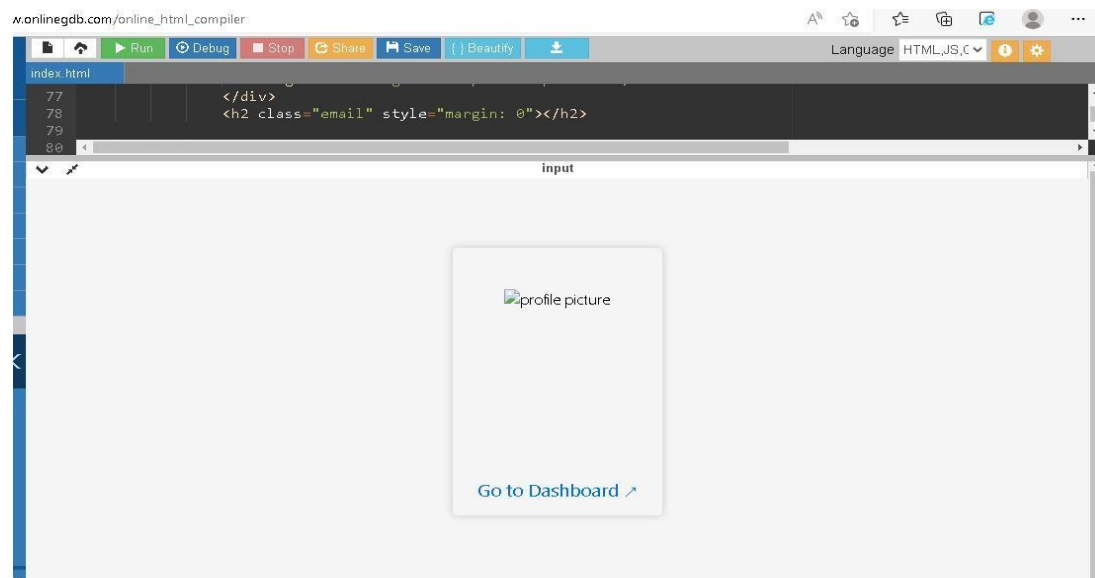
    main()

    </script>

</body>

</html>

```



## LOCALFORAGE:

/\*!

localForage -- Offline Storage,

ImprovedVersion

1.10.0https://localforage.github.io/localF

orage

(c)2013-2017Mozilla,Apache License2.0

\*/

!function(a)

{if("object"==typeof exports&&"undefined"!=typeof

module)module.exports=a();elseif("function"==typeofdefine&&define.amd)defin

e([],a);

else{varb;

b="undefined"!=typeof window?window:"undefined"!=typeof  
global?global:"undefined"!=typeofself?self:this,b.localforage=a())}{function(){

returnfunctiona(b,c,d){

functione(g,h){if(!c[g]){if(!b[g]){

var i="function"==typeof

require&&require;if(!h&&i)returni(g,!0);if(f)r

eturnf(g,!0);



```

var j=newError("Cannot find module"+g+"" );
throw j.code="MODULE_NOT_FOUND",j}var
k=c[g]={exports:{}};b[g][0].call(k.exports,function(
a){
var c=b[g][1][a];return
e(c||a),k,k.exports,a,b,c,d))return c[g].exports}
for(var f="function"===typeof
require&&require,g=0;g<d.length;g++)e(d[g]);return e}({1:function(a,b,c){(f
unction(a){"use strict";
function c(){k=!0;for(var a,b,c=l.length;c;){
for(b=l,l=[],a=-1;++a<c;b[a]();c=l.length)k=!1}
function d(a){1!==l.push(a)||k||e()}var
e,f=a.MutationObserver||a.WebKitMutationObserver;
if(f){var
g=0,h=new f(c),i=a.document.createTextNode("");h.observe(i,{characterData:!0}),e=function(){i.data=g++%2}}
else if(a.setImmediate||void
0===a.MessageChannel)e="document"ina&&"onreadystatechange"in
a.document.createElement("script"?function(){var b=a.document.createElement("script");b.onreadystatechange=
function(){c(c),b.onreadystatechange=null,b.parentNode.removeChild(b),b=null},a=document.documentElement.appendChild(b):function(){setTimeout(c,0)};else{var j=new
a.MessageChannel;j.port1.onmessage=c,e=function(){j.port2.postMessage(0)}}var k,l=[];b.exports=d}).call(this,
"undefined"!==typeof global?global:"undefined"!==typeof self?self:"undefined"!==typeof
window?window:{}),{}),2:[function(a,b,c){"use strict";function d(){function e(a){if("function"!==typeof a)throw
new TypeError("resolver must be a function");this.state=s,this.queue=[],this.outcome=void
0,a!=d&&i(this,a)}function f(a,b,c){this.promise=a,"function"===typeof b&&(this.onFulfilled=b,this.callFulfilled=
this.otherCallFulfilled),"function"===typeof c&&(this.onRejected=c,this.callRejected=this.otherCallRejected)}f
unction g(a,b,c){o(function(){var d;try{d=b(c)}catch(b){return p.reject(a,b)}d===a?p.reject(a,new
TypeError("Cannot resolve promise with itself")):p.resolve(a,d)}function h(a){var
b=a&&a.then;if(a&&"object"===typeof a||"function"===typeof a)&&"function"===typeof b)return
function(){b.apply(a,arguments)}function i(a,b){function c(b){f||(f=!0,p.reject(a,b))}function
d(b){f||(f=!0,p.resolve(a,b))}function e(){b(d,c)}var f=!1,g=j(e);"error"===g.status&&c(g.value)}function
j(a,b){var c={};try{c.value=a(b),c.status="success"}catch(a){c.status="error",c.value=a}return c}function
k(a){return a instanceof this?a:p.resolve(new this(d),a)}function l(a){var b=new this(d);return
p.reject(b,a)}function m(a){function
b(a,b){function d(a){g[b]=a,++h!==e||f||(f=!0,p.resolve(j,g))}c.resolve(a).then(d,function(a){f||(f=!0,p.reject(j,a))})
}var c=this;if(["object Array"]!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be
an array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=new Array(e),h=0,i=-
1,j=new this(d);++i<e;b(a[i],i);return j}function
n(a){function b(a){c.resolve(a).then(function(a){f||(f=!0,p.resolve(h,a))},function(a){f||(f=!0,p.reject(h,a))})}var c=
this;if(["object Array"]!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be
an array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=-1,h=new this(d);++g<e;b(a[g]);return
h)}var o=a(1),p={},q=["REJECTED"],r=["FULFILLED"],s=["PENDING"];b.exports=e,e.prototype.catch=function(
a){return
this.then(null,a),e.prototype.then=function(a,b){if("function"!==typeof a&&this.state===r||"function"!==typeof
b&&this.state===q)return this;var
c=new this.constructor(d);if(this.state===s){g(c,this.state===r?a:b,this.outcome)}else
this.queue.push(new f(c,a,b));return c},f.prototype.callFulfilled=function(a){p.resolve(this.promise,a)},f.prototy
pe.otherCallFulfilled=function(a){g(this.promise,this.onFulfilled,a)},f.prototype.callRejected=function(a){p.rej
ect(this.promise,a)},f.prototype.otherCallRejected=function(a){g(this.promise,this.onRejected,a)},p.resolve=f
unction(a,b){var c=j(h,b);if("error"===c.status)return
p.reject(a,c.value);var d=c.value;if(d)(a,d);else{a.state=r,a.outcome=b;for(var e=-
1,f=a.queue.length;+e<f;a.queue[e].callFulfilled(b))return a},p.reject=function(a,b){a.state=q,a.outcome=b;fo
r(var c=-
1,d=a.queue.length;+c<d;a.queue[c].callRejected(b));return a},e.resolve=k,e.reject=l,e.all=m,e.race=n},{1:1}},3
:[function(a,b,c){(function(b){"use
strict";"function"!==typeof b.Promise&&(b.Promise=a(2))}).call(this,"undefined"!==typeof
global?global:"undefined"!==typeof self?self:"undefined"!==typeof
window?window:{}),{2:2}],4:[function(a,b,c){"use strict";function d(a,b){if(!(a instanceof
b))throw new TypeError("Cannot call a class as a function")}function e(){try{if("undefined"!==typeof
indexedDB)return indexedDB;if("undefined"!==typeof
webkitIndexedDB)return webkitIndexedDB;if("undefined"!==typeof mozIndexedDB)return
mozIndexedDB;if("undefined"!==typeof OIndexedDB)return OIndexedDB;if("undefined"!==typeof
msIndexedDB)return msIndexedDB}catch(a){return}}function f(){try{if(!ua||!ua.open)return!1;var
a="undefined"!==typeof

```

```

openDatabase&&/Safari/iPhone/iPad/iPod/.test(navigator.userAgent)&&!/Chrome/.test(navigator.userAgent)
&&!/BlackBerry/.test(navigator.platform),b="function"==typeof fetch&&-
1!==fetch.toString().indexOf("[nativecode]");return(!a||b)&&"undefined"!=typeof
indexedDB&&"undefined"!=typeofIDBKeyRange}catch(a){return!1}}function g(a,b){a=a||[],b=b||{};try{return
newBlob(a,b)}catch(f){if("TypeError"!==f.name)throw f;for(var
c="undefined"!=typeofBlobBuilder?BlobBuilder:"undefined"!=typeof
MSBlobBuilder?MSBlobBuilder:"undefined"!=typeofMozBlobBuilder?MozBlobBuilder:WebKitBlobBuilder,d=
new c,e=0;e<a.length;e++)d.append(a[e]);returnd.getBlob(b.type)}}function
h(a,b){b&&a.then(function(a){b(null,a)},function(a){b(a)}))}function i(a,b,c){"function"==typeof
b&&a.then(b,"function"==typeof
c&&a.catch(c)}function j(a){return"string"!=typeofa&&(console.warn(a+"usedasakey,but
itisnotastring."),a=String(a)),a}function k(){if(arguments.length&&"function"==typeof
arguments[arguments.length-1])return arguments[arguments.length-1]}function l(a){for(var b=a.length,c=new
ArrayBuffer(b),d=new Uint8Array(c),e=0;e<b;e++)d[e]=a.charCodeAt(e);return c}function m(a){return new
va(function(b){varc=a.transaction(wa,Ba),d=g([""]);c.objectStore(wa).put(d,"key"),c.onabort=function(a){a.pre
ventDefault(),a.stopPropagation(),b(!1)},c.oncomplete=function(){vara=navigator.userAgent.match(/ChromeV(\
d+)/),c=navigator.userAgent.match(/EdgeV/);b(c||a||parseInt(a[1],10)
>=43)}),c.catch(function(){return!1})}}function
n(a){return"boolean"==typeofxa?va.resolve(xa):m(a).then(function(a){return xa=a})}function o(a){var
b=ya[a.name],c={};c.promise=newva(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.db
Ready?b.dbReady=b.dbReady.then(function(){return c.promise}):b.dbReady=c.promise}function
p(a){varb=ya[a.name],c=b.deferredOperations.pop();if(c)return c.resolve(),c.promise}function
q(a,b){varc=ya[a.name],d=c.deferredOperations.pop();if(d)return d.reject(b),d.promise}function r(a,b){return
newva(function(c,d){if(ya[a.name]=ya[a.name]||B(),a.db){if(!b)return
c(a.db);o(a),a.db.close()}var=[a.name];b&&e.push(a.version);var
f=ua.open.apply(ua,e);b&&(f.onupgradeneeded=function(b){varc=f.result;try{c.createObjectStore(a.storeNam
e),b.oldVersion<=1&&c.createObjectStore(wa)}catch(c){if("ConstraintError"!==c.name)throw
c;console.warn("The database '"+a.name+"' has been upgraded from version'+b.oldVersion+' to version
'+b.newVersion+', but the storage '"+a.storeName+"'
alreadyexists."))},f.onerror=function(a){a.preventDefault(),d(f.error)},f.onsuccess=function(){varb=f.result;b.o
nversionchange=function(a){a.target.close(),c(b),p(a)}})}function s(a){return r(a,!1)}function t(a){return
r(a,!0)}function
u(a,b){if(!a.db)return!0;varc=!a.db.objectStoreNames.contains(a.storeName),d=a.version<a.db.version,e=a.ver
sion>a.db.version;if(d&&(a.version!==b&&console.warn("The database '"+a.name+"' can't be downgraded
from version'+a.db.version+' to version
'+a.version+'."),a.version=a.db.version),e||c){if(c){varf=a.db.version+1;f>a.version&&(a.version=f)}return!0}re
turn!1}function v(a){return new
va(function(b,c){vard=newFileReader;d.onerror=c,d.onloadend=function(c){var
d=btoa(c.target.result||"");b({local_forage_encoded_blob:!0,data:d,type:a.type}),d.readAsBinaryString(a)}})}fu
nctionw(a){returng([atob(a.data)],{type:a.type})}functionx(a){return
a&&a.local_forage_encoded_blob}function y(a){var
b=this,c=b._initReady().then(function(){vara=ya[b._dbName.name];if(a&&a.dbReady)return a.dbReady});return
i(c,a,a,c)}function
z(a){o(a);for(varb=ya[a.name],c=b.forages,d=0;d<c.length;d++){var=c[d];e._dbName.db&&(e._dbName.db.close(
),e._dbName.db=null)}return
a.db=null,s(a).then(function(b){returna.db=b,u(a)?t(a):b}).then(function(d){a.db=b.db=d;for(varc=0;e<c.length
;e++)c[e]._dbName.db=d}).catch(function(b){throw q(a,b,b)})}function
A(a,b,c,d){void0===d&&(d=1);try{varc=a.db.transaction(a.storeName,b);c(null,e)}catch(e){if(d>0&&(!a.db||"Inv
alidStateError"===e.name||"NotNotFoundError"===e.name))returnva.resolve().then(function(){if(!a.db||"NotFoun
dError"===e.name&&!a.db.objectStoreNames.contains(a.storeName)&&a.version<a.db.version)return
a.db&&(a.version=a.db.version+1),t(a)}).then(function(){returnz(a).then(function(){A(a,b,c,d-
1)}).catch(c);c(e)})}functionB(){return{forages:[],db:null,dbReady:null,deferredOperations:[]}}function
C(a){function b(){returnva.resolve()}var c=this,d={db:null};if(a)for(var e in
a)d[e]=a[e];varf=ya[d.name];f||(f=B()),ya[d.name]=f,f.forages.push(c),c._initReady||(c._initReady=c.ready,c.rea
dy=y);for(varg=[],h=0;h<f.forages.length;h++){var
i=f.forages[h];i!==c&&g.push(i._initReady).catch(b)}varj=f.forages.slice(0);return
va.all(g).then(function(){return
d.db=f.db,s(d)}).then(function(a){returnd.db=a,u(d,c._defaultConfig.version)?t(d):a}).then(function(a){d.db=f.d
b=a,c._dbName=d;for(varb=0;b<j.length;b++){var
e=j[b];e!==c&&(e._dbName.db=d.db,e._dbName.version=d.version)}})}function D(a,b){varc=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){A(c._dbName,Aa,function(e,f){if(e)return
g=f.objectStore(c._dbName.storeName),h=g.get(a);h.onsuccess=function(){var
a=h.result;void0===a&&(a=null),x(a)&&(a=w(a)),b(a)},h.onerror=function(){d(h.error)}})}catch(a){d(a)}}).catch(
d)});returnh(d,b),d}function E(a,b){var
c=this,d=newva(function(b,d){c.ready().then(function(){A(c._dbName,Aa,function(e,f){if(e)return
d(e);try{varg=f.objectStore(c._dbName.storeName),h=g.openCursor(),i=1;h.onsuccess=function(){var
c=h.result;if(c){vard=c.value;x(d)&&(d=w(d));var e=a(d,c.key,i++);void
0!==e?b(e):c.continue()}elseb(),h.onerror=function(){d(h.error)}})}catch(a){d(a)}}).catch(d)});return
h(d,b),d}function F(a,b,c){vard=this;a=j(a);var e=new va(function(c,e){var f;d.ready().then(function(){return
f=d._dbName,"[objectBlob]"===za.call(b)?n(f.db).then(function(a){returna?b:v(b)}):b}).then(function(b){A(d._db
Info,Ba,function(f,g){if(f)return e(f);try{varh=g.objectStore(d._dbName.storeName);null===b&&(b=void 0);var
i=h.put(b,a);g.oncomplete=function(){void0===b&&(b=null),c(b)},g.onabort=g.onerror=function(){vara=i.error
?i.error:i.transaction.error;e(a)}catch(a){e(a)}}).catch(e)});returnh(e,c,e)}functionG(a,b){var

```

```

c=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){A(c._dbInfo,Ba,function(e,f){if(e)return d(e);try{var g=f.objectStore(c._dbInfo.storeName),h=g.delete(a);f.oncomplete=function(){b()};f.onerror=function(){d(h.error)};f.onabort=function(){var a=h.error?h.error:h.transaction.error;d(a)};catch(a){d(a)}}).catch(d)});return h(d,b),d}function H(a){var b=this,c=new va(function(a,c){b.ready().then(function(){A(b._dbInfo,Ba,function(d,e){if(d)return c(d);try{var f=e.objectStore(b._dbInfo.storeName),g=f.clear();e.oncomplete=function(){a()};e.onabort=e.onerror=function(){var a=g.error?g.error:g.transaction.error;c(a)};catch(a){c(a)}}).catch(c)});return h(c,a),c}function I(a){var b=this,c=new va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return c(d);try{var f=e.objectStore(b._dbInfo.storeName),g=f.count();g.onsuccess=function(){a(g.result)};g.onerror=function(){c(g.error)};catch(a){c(a)}}).catch(c)});return h(c,a),c}function J(a,b){var c=this,d=new va(function(b,d){if(a<0)return void b(null);c.ready().then(function(){A(c._dbInfo,Aa,function(e,f){if(e)return d(e);try{var g=f.objectStore(c._dbInfo.storeName),h=!1,i=g.openKeyCursor();i.onsuccess=function(){var c=i.result;if(!c)return void b(null);0===a?b(c.key):h?b(c.key):(h=!0,c.advance(a));i.onerror=function(){d(i.error)};catch(a){d(a)}}).catch(ch(d)});return h(d,b),d}function K(a){var b=this,c=new va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return c(d);try{var f=e.objectStore(b._dbInfo.storeName),g=f.openKeyCursor(),h=[];g.onsuccess=function(){var b=g.result;if(!b)return void a(h);h.push(b.key),b.continue();g.onerror=function(){c(g.error)};catch(a){c(a)}}).catch(c)});return h(c,a),c}function L(a,b){b=k.apply(this,arguments);var c=this.config();a="function"!=typeof a&&a||{};a.name||(a.name=a.name||c.name,a.storeName=a.storeName||c.storeName);var d,e=this;if(a.name){var f=a.name===c.name&&e._dbInfo.db,g=f?va.resolve(e._dbInfo.db):s(a).then(function(b){var c=ya[a.name],d=c.forages;c.db=b;for(var e=0;e<d.length;e++)d[e]._dbInfo.db=b;return b});d=a.storeName?g.then(function(b){if(b.objectStoreNames.contains(a.storeName)){var c=b.version+1;o(a);var d=ya[a.name],e=d.forages;b.close();for(var f=0;f<e.length;f++){var g=e[f];g._dbInfo.db=null,g._dbInfo.version=c}return new va(function(b,d){var e=ua.open(a.name,c);e.onerror=function(a){e.result.close(),d(a)};e.onupgradeneeded=function(){e.result.deleteObjectStore(a.storeName);e.onsuccess=function(){var a=e.result;a.close(),b(a)}).then(function(a){d.db=a;for(var b=0;b<e.length;b++){var c=e[b];c._dbInfo.db=a,p(c._dbInfo)}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){b}));g.then(function(b){o(a);var c=ya[a.name],d=c.forages;b.close();for(var e=0;e<d.length;e++){d[e]._dbInfo.db=null}return new va(function(b,c){var d=ua.deleteDatabase(a.name);d.onerror=function(){var a=d.result;a&&a.close(),c(d.error)};d.onblocked=function(){console.warn("dropInstance blocked for database '"+a.name+"' until all open connections are closed");d.onsuccess=function(){var a=d.result;a&&a.close(),b(a)}).then(function(a){c.db=a;for(var b=0;b<d.length;b++){p(d[b]._dbInfo)}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){b}));}}else d=va.reject("Invalid arguments");return h(d,b),d}function M(){return"function"==typeof openDatabase}function N(a){var b,c,d,e,f,g=75*a.length,h=a.length,i=0,""===a[a.length-1]&&(g-,""===a[a.length-2]&&(g-);var j=new ArrayBuffer(g),k=new Uint8Array(j);for(b=0;b<h;b+=4)c=Da.indexOf(a[b+1]),d=Da.indexOf(a[b+1+1]),e=Da.indexOf(a[b+2]),f=Da.indexOf(a[b+3]),k[i++]=(c<<2|d>>4),k[i++]=(15&d)<<4|e>>2,k[i++]=(3&e)<<6|f>>2;return j}function O(a){var b,c=new Uint8Array(a),d="";for(b=0;b<c.length;b+=3)d+=Da[c[b]>>2],d+=Da[(3&c[b])<<4|c[b+1]>>4],d+=Da[(15&c[b+1])<<2|c[b+2]>>6],d+=Da[63&c[b+2]];return c.length%3==2?d=d.substring(0,d.length-1)+"":c.length%3==1&(d=d.substring(0,d.length-2)+""),d}function P(a,b){var c="";if(a&&(c=Ua.call(a)),a&&("[object ArrayBuffer]"===c||a.buffer&&"[object ArrayBuffer]"===Ua.call(a.buffer)))var d,e=Ga;a instanceof ArrayBuffer?(d=a,e+=1a):(d=a.buffer,"[object Int8Array]"===c?e+=Ka:"[object Uint8Array]"===c?e+=La:"[object Uint8ClampedArray]"===c?e+=Ma:"[object Int16Array]"===c?e+=Na:"[object Uint16Array]"===c?e+=Pa:"[object Int32Array]"===c?e+=Oa:"[object Uint32Array]"===c?e+=Qa:"[object Float32Array]"===c?e+=Ra:"[object Float64Array]"===c?e+=Sa:b(new Error("Failed to get type for BinaryArray"))),b(e+O(d))}else if("[object Blob]"===c){var f=new FileReader;f.onload=function(){var c=Ea+a.type+"~"+O(this.result);b(Ga+Ja+c),f.readAsArrayBuffer(a)}else try{b(JSON.stringify(a))}catch(c){console.error("Couldn't convert value into a JSON string:",a),b(null,c)}function Q(a){if(a.substring(0,Ha)!==Ga)return JSON.parse(a);var b,c=a.substring(Ta),d=a.substring(Ha,Ta);if(d===Ja&&Fa.test(c)){var e=c.match(Fa);b=e[1],c=c.substring(e[0].length)}var f=N(c);switch(d){case Ia:return f;case Ja:return g([f,{type:b}]);case Ka:return new Int8Array(f);case La:return new Uint8Array(f);case Ma:return new Uint8ClampedArray(f);case Na:return new Int16Array(f);case Pa:return new Uint16Array(f);case Oa:return new Int32Array(f);case Qa:return new Uint32Array(f);case Ra:return new Float32Array(f);case Sa:return new Float64Array(f);default:throw new Error("Unkown type: "+d)}function R(a,b,c,d){a.executeSql("CREATE TABLE IF NOT EXISTS "+b.storeName+" (id INTEGER PRIMARY KEY, key unique, value)",[],c,d)}function S(a){var b=this,c={db:null};if(a)for(var d in a)c[d]="string"!=typeof a[d]?a[d].toString():a[d];var e=new va(function(a,d){try{c.db=openDatabase(c.name,String(c.version),c.description,c.size)}catch(a){return d(a)}c.db.transaction(function(e){R(e,c,function(){b._dbInfo=c,a()},function(a,b){d(b)});return c.serializer=Va,e}function T(a,b,c,d,e,f){a.executeSql(c,d,e,function(a,g){g.code===g.SYNTAX_ERR?a.executeSql("SELECT name FROM sqlite_master WHERE type='table' AND name=?",[b.storeName],function(a,h){h.rows.length?f(a,g):R(a,b,function(){a.executeSql(c,d,e,f),f(f(a,g),f)}fun

```

```

ction U(a,b){var c=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){var=c._dbName;e.db.transaction(function(c){T(c,e,"SELECT * FROM
"+e.storeName+" WHERE key = ?
LIMIT 1",[a],function(a,c){vard=c.rows.length?c.rows.item(0).value:null;d&&(d=e.serializer.deserialize(d)),b(d)),f
unction(a,b){d(b)})))).catch(h(d));return h(d,b,d)}function V(a,b){var c=this,d=new
va(function(b,d){c.ready().then(function(){var=c._dbName;e.db.transaction(function(c){T(c,e,"SELECT * FROM
"+e.storeName,[],function(c,d){for(varf=d.rows,g=f.length,h=0;h<g;h++){var
i=f.item(h),j=i.value;if(j&&(j=e.serializer.deserialize(j)),void0!==(j=a(j,i.key,h+1)))return void
b(j)}b(d)),function(a,b){d(b)})))).catch(d));return h(d,b,d)}function W(a,b,c,d){var e=this;a=j(a);var f=new
va(function(f,g){e.ready().then(function(){void
0===b&&(b=null);varh=b,i=e._dbName;i.serializer.serialize(b,function(b,j){j?g(j):i.db.transaction(function(c){T(c,
i,"INSERT ORREPLACE INTO "+i.storeName+"(key,value)VALUES
(?,?)",[a,b],function(){f(h)),function(a,b){g(b)})),function(b){if(b.code===b.QUOTA_ERR){if(d>0)returnvoid
f(W.apply(e,[a,h,c,d-1]));g(b)})))).catch(g));return h(f,c,f)}function
X(a,b,c){returnW.apply(this,[a,b,c,1])}function Y(a,b){var c=this;a=j(a);var
d=newva(function(b,d){c.ready().then(function(){var e=c._dbName;e.db.transaction(function(c){T(c,e,"DELETE
FROM"+e.storeName+" WHERE key = ?",[a],function(){b(d)),function(a,b){d(b)})))).catch(d));return
h(d,b,d)}function Z(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){vard=b._dbName;d.db.transaction(function(b){T(b,d,"DELETE
FROM"+d.storeName,[],function(){a(d)),function(a,b){c(b)})))).catch(c));return h(c,a,c)}function
$(a){varb=this,c=new
va(function(a,c){b.ready().then(function(){vard=b._dbName;d.db.transaction(function(b){T(b,d,"SELECT
COUNT(key) as c FROM"+d.storeName,[],function(b,c){var
d=c.rows.item(0).c;a(d)),function(a,b){c(b)})))).catch(c));returnh(c,a,c)}function _(a,b){var c=this,d=new
va(function(b,d){c.ready().then(function(){var=c._dbName;e.db.transaction(function(c){T(c,e,"SELECT key
FROM "+e.storeName+" WHERE id = ?
LIMIT 1",[a+1],function(a,c){vard=c.rows.length?c.rows.item(0).key:null;b(d)),function(a,b){d(b)})))).catch(d))
;return h(d,b,d)}functionaa(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){vard=b._dbName;d.db.transaction(function(b){T(b,d,"SELECT key
FROM
"+d.storeName,[],function(b,c){for(vard=[],e=0;e<c.rows.length;e++)d.push(c.rows.item(e).key);a(d)),function(
a,b){c(b)})))).catch(c));returnh(c,a,c)}function ba(a){return new
va(function(b,c){a.transaction(function(d){d.executeSql("SELECT
nameFROMsqlite_masterWHEREtype='table'ANDname<>
'WebKitDatabaseInfoTable'",[],function(c,d){for(var=e=[],f=0;f<d.rows.length;f++)e.push(d.rows.item(f).name);b(
{db:a,storeNames:e})),function(a,b){c(b)})),function n(a){c(a)}))}function ca(a,b){b=k.apply(this,arguments);var
c=this.config();a="function"!=typeofa&&a[{}],a.name||(a.name=a.name||c.name,a.storeName=a.storeName||c.
storeName);var d,e=this;varnd=a.name?new
va(function(b){vard;d=a.name===c.name?e._dbName.db.openDatabase(a.name,"",0),b(a.storeName?(db:d,s
toreNames:[a.storeName]):ba(d)))).then(function(a){return new
va(function(b,c){a.db.transaction(function(d){functione(a){return new va(function(b,c){d.executeSql("DROP
TABLE IF
EXISTS"+a,[],function(){b(d)),function(a,b){c(b)}))}}for(varf=[],g=0,h=a.storeNames.length;g<h;g++)f.push(e(a.s
toreNames[g]));va.all(f).then(function(){b(d)),catch(function(a){c(a)})),function(a){c(a)})))).va.reject("Invalid
arguments"),h(d,b,d)}functionda(){try{return"undefined"!=typeof
localStorage&&"setItem"inlocalStorage&&!!localStorage.setItem}catch(a){return!1}}function ea(a,b){var
c=a.name+"/"+returna.storeName===b.storeName&&(c+=a.storeName+"/"),c}function
fa(){vara="_localforage_support_test";try{returnlocalStorage.setItem(a,1),localStorage.removeItem(a,1)cat
ch(a){return!0}}functionga(){return!fa()||localStorage.length>0}function ha(a){var b=this,c={};if(a)for(var d in
a){d[a[d]:returnc.keyPrefix=ea(a,b._defaultConfig),ga()?(b._dbName=c,c.serializer=Va,va.resolve():va.reject()
)}functionia(a){varb=this,c=b.ready().then(function(){for(vara=b._dbName.keyPrefix,c=localStorage.length-
1;c>=0;c--
){var d=localStorage.key(c);0===d.indexOf(a)&&localStorage.removeItem(d)});return
h(c,a,c)}functionja(a,b){var c=this;a=j(a);var
d=c.ready().then(function(){varb=c._dbName,d=localStorage.getItem(b.keyPrefix+a);return
d&&(d=b.serializer.deserialize(d)),d);returnh(d,b,d)}function ka(a,b){var
c=this,d=c.ready().then(function(){for(varb=c._dbName,d=b.keyPrefix,e=d.length,f=localStorage.length,g=1,h=0
;h<f;h++){var i=localStorage.key(h);if(0===i.indexOf(d)){var
j=localStorage.getItem(i);if(j&&(j=b.serializer.deserialize(j)),void0!==(j=a(j,i.substring(e,g+)))return
j}});return h(d,b,d)}function la(a,b){varc=this,d=c.ready().then(function(){var
b,d=c._dbName;try{b=localStorage.key(a)}catch(a){b=null}returnb&&(b=b.substring(d.keyPrefix.length)),b);ret
urn h(d,b,d)}function ma(a){varb=this,c=b.ready().then(function(){for(var
a=b._dbName,c=localStorage.length,d=[],e=0;e<c;e++){varf=localStorage.key(e);0===f.indexOf(a.keyPrefix)&&d
.push(f.substring(a.keyPrefix.length))return d);returnh(c,a,c)}function na(a){var
b=this,c=b.keys().then(function(a){return a.length});return h(c,a,c)}functionoa(a,b){var c=this;a=j(a);var
d=c.ready().then(function(){varb=c._dbName;localStorage.removeItem(b.keyPrefix+a)});return h(d,b,d)}function
pa(a,b,c){var d=this;a=j(a);var e=d.ready().then(function(){void 0===b&&(b=null);var c=b;return new
va(function(e,f){varg=d._dbName;g.serializer.serialize(b,function(b,d){if(d)f(d);elsetry{localStorage.setItem(g.ke
yPrefix+a,b),e(c)}catch(a){"QuotaExceededError"!=a.name&&"NS_ERROR_DOM_QUOTA_REACHED"!=a.n
ame||f(a),f(a)}))));return h(e,c,e)}functionqa(a,b){if(b=k.apply(this,arguments),a="function"!=typeof
a&&a[{}],la.name){varc=this.config();a.name=a.name||c.name,a.storeName=a.storeName||c.storeName}vard,e
=this;return

```

```

d=a.name?new
va(function(b){b(a.storeName?ea(a,e._defaultConfig):a.name+"/").then(function(a){for(varb=localStorage.length-1;b>=0;b--){varc=localStorage.key(b);0===c.indexOf(a)&&localStorage.removeItem(c)}}):va.reject("Invalidarguments"),h(d,b),d,function ra(a,b){a[b]=function(){var c=arguments;return a.ready().then(function(){returna[b].apply(a,c)}})}function sa(){for(var a=1;a<arguments.length;a++){var b=arguments[a];if(b)for(var c in)b.hasOwnProperty(c)&&($a(b[c])?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}returnarguments[0]}var ta="function"===typeof Symbol&&"symbol"===typeof Symbol.iterator?function(a){returntypeof a}:function(a){return a&&"function"===typeofSymbol&&a.constructor===Symbol&&a!==Symbol.prototype?"symbol":typeofa},ua=e();"undefined"===typeofPromise&&a(3);var va=Promise,wa="local-forage-detect-blob-support",xa=void0,ya={},za=Object.prototype.toString,Aa={"readonly"},Ba={"readwrite"},Ca={"_driver":"asyncStorage",_initStorage:C,_support:f(),iterate:E,getItem:D,setItem:F,removeItem:G,clear:H,length:I,key:J,keys:K,dropInstance:L},Da="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local_forage_type~",Fa="/^~~local_forage_type~([^-]+)~/",Ga="Ifsc:",Ha=Ga.length,Ia="arbf",Ja="blob",Ka="si08",La="ui08",Ma="uic8",Na="si16",Oa="si32",Pa="ur16",Qa="ui32",Ra="fl32",Sa="fl64",Ta=Ha+Ia.length,Ua=Object.prototype.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={"_driver":"webSQLStorage",_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:_,keys:aa,dropInstance:ca},Xa={"_driver":"localStorageWrapper",_initStorage:ha,_support:da(),iterate:ka,getItem:ja,setItem:pa,removeItem:oa,clear:ia,length:na,key:la,keys:ma,dropInstance:qa},Ya=function(a,b){returna===b||"number"===typeof a&&"number"===typeof b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(varc=a.length,d=0;d<c;(if(Ya(a[d],b))return!0;d++)return!1),$a=Array.isArray||function(a){return"object"===Object.prototype.toString.call(a)},_a={},_ab={},_bb={INDEXEDDB:Ca,WEBSQL:Wa,LOCALSTORAGE:Xa},_cb=[_bb.INDEXEDDB._driver,_bb.WEBSQL._driver,_bb.LOCALSTORAGE._driver],_db=["dropInstance"],_eb=["clear","getItem","iterate","key","keys","length","removeItem","setItem"].concat(_db),_fb={description:"",driver:_cb.slice(),name:"localforage",size:4980736,storeName:"keyvaluepairs",version:1},_gb=function(){functiona(b){d(this,a);for(var c in bb)if(bb.hasOwnProperty(c)){var e=bb[c],f=e._driver;this[c]=f,_a[f]||this.defineDriver(e)}this._defaultConfig=sa({},fb),this._config=sa({},this._defaultConfig,b),this._driverSet=null,this._initDriver=null,this._ready=!1,this._dbInfo=null,this._wrapLibraryMethodsWithReady(),this.setDriver(this._config.driver).catch(function(){}))return a.prototype.config=function(a){if("object"===void 0===a?"undefined":ta(a))if(this._ready)return newError("Can't call config() after localforage has been used.");for(var b in a){if("storeName"===b&&(a[b]=a[b].replace(/\\W/g," ")),("version"===b&&"number"!==typeof a[b]))return newError("Database version must be a number.");this._config[b]=a[b]}return!("driver"ina&&a.driver)||this.setDriver(this._config.driver)}return"string"===typeofa?this._config[a]:this._config},a.prototype.defineDriver=function(a,b,c){var d=new va(function(b,c){try{var d=a._driver,e=new Error("Custom driver not compliant; seehttps://mozilla.github.io/localForage/#definedriver");if(!a._driver)return void c(e);for(varf=eb.concat("_initStorage"),g=0,i=f.length;g<i;g++){varj=f[g];if(!Za(db,j)||a[j])&&"function"!==typeof a[j])returnvoid c(e)}function(){for(var b=function(a){return function(){var b=new Error("Method "+a+" is notimplemented by the current driver"),c=va.reject(b);return h(c,arguments[arguments.length-1]),c}},c=0,d=db.length;c<d;c++){var e=db[c];a[e]||a[e]=b(e)}});var k=function(c){_a[d]&&console.info("Redefining LocalForage driver: "+d),_a[d]=a,_ab[d]=c,b()};" _support"ina?a._support&&"function"===typeofa._support?a._support().then(k,c):k(!a._support):k(!0)}catch(a){c(a)};returni(d,b,c),d},a.prototype.driver=function(){return this._driver||null},a.prototype.getDriver=function(a,b,c){var d=_a[a]?va.resolve(_a[a]):va.reject(new Error("Driver not found."));returni(d,b,c),d},a.prototype.getSerializer=function(a){var b=va.resolve(Va);returni(b,a,b),a.prototype.ready=function(a){var b=this,c=b._driverSet.then(function(){returnnull===b._ready&&(b._ready=b._initDriver()),b._ready});returni(c,a,a,c),a.prototype.setDriver=function(a,b,c){function d(){g._config.driver=g._driver()}function e(a){returng._extend(a),d(),g._ready=g._initStorage(g._config),g._ready}function f(a){return function(){functionb(){for(c<a.length;){var f=a[c];return c++,g._dbInfo=null,g._ready=null,g.getDriver(f).then(e).catch(b)}d();varh=new Error("No available storage method found.");return g._driverSet=va.reject(h),g._driverSet}varc=0;return b()}}var g=this,$a(a)||(_a[a]=a);varh=this._getSupportedDrivers(a),j=null!==this._driverSet?this._driverSet.catch(function(){returnva.resolve()});va.resolve();return this._driverSet=j.then(function(){var a=h[0];returng._dbInfo=null,g._ready=null,g.getDriver(a).then(function(a){g._driver=a._driver,d(),g._wrapLibraryMethodsWithReady(),g._initDriver=f(h)}).catch(function(){d();var a=new Error("No available storage methodfound.");returng._driverSet=va.reject(a),g._driverSet}),i(this._driverSet,b,c),this._driverSet},a.prototype._supports=function(a){return!ab[a]},a.prototype._extend=function(a){sa(this,a)},a.prototype._getSupportedDrivers=function(a){for(var b=[],c=0,d=a.length;c<d;c++){var e=a[c];this._supports(e)&&b.push(e)}returnb},a.prototype._wrapLibraryMethodsWithReady=function(){for(vara=0,b=eb.length;a<b;a++)ra(this,eb[a]),a.prototype.createInstance=function(b){return new a(b)},a()(),hb=newgb;b.exports=hb},{3:3},{},[4])(4)});

```

✓ AUTHENTICATION:

## FIREOAUTH:

```
<!DOCTYPEhtml>

<htmllang="en">

<head>

  <metacharset="UTF-8">

  <metaname="viewport"content="width=device-width,initial-scale=1.0">

  <linkrel="stylesheet"href="/css/fireoauth.css">

  <linkrel="stylesheet"href="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.css">

  <link rel="shortcut icon" href="https://raw.githubusercontent.com/tharunoptimus-
pd/firepwa/main/favicon.ico?token=GHSAT0AAAAAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA"
type="image/x-icon">

  <style>h

    tml,bo

    dy{

      height:100%;

      margin:0;

      font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto,

        Oxygen,Ubuntu,Cantarell,"OpenSans","HelveticaNeue",sans-serif;

      font-weight:300;

    }

    a {

      text-decoration:

        none;color:#007bff;

      font-weight:500;

      font-size:1.2rem;

    }

    h3{

      font-size:1.4rem;

    }

    h3,h4{

      margin:0;

      padding:0.3rem0;

    }

    .wrapper

      {display:flex

        ;
```

```
flex-direction:
column;align-items:
center;justify-content:
center;height:100%;
text-align:center;
}
```

```
.oneClickSignin
{padding:0.5rem
;
border: 1px solid
#44444444;border-
radius:5px;
box-shadow:00 3px0px #44444444;
opacity:0.2;
pointer-events:none;
}
```

```
.qrcode{
opacity:0.1;
}
```

```
.learnAboutFire
{padding-
top:1.25em;
}
```

```
.qrHolder{
display:none;mar
gin-top:3rem;
}
```

```
.qrContainer{
align-items:
center;display:flex;
justify-content:
center;padding:8px;
margin:2remauto;
box-shadow: 0 0px 6px 1px rgb(0 0 0 /
16%);border:1pxsolid#44444444;
border-radius:
6px;width:200px;
```

```

        height:200px;
    }
</style>
<title>FireOAuth</title>
<script>
    if (window.location.hostname !== "localhost")
    {
        if(location.protocol!== "https:"){
            location.replace(
                `https:${location.href.substring(
                    location.protocol.length
                )}`
            )
        }
    }
</script>
</head>
<body>
    <divclass="wrapper">
        <h3class="pageTitle">LoginwithSAFETY</h3>

        <divclass="qrAuthorize">
            <h4class="subTitle">ScanQRfromyourFireOAuthApp</h4>

            <divclass="qrContainer">
                <canvasid="qr-code"class="qrcode"></canvas>
            </div>
        </div>

        <divclass="oneClickSignin">
            <h4>HaveFirePWAonthisdevice?</h4>
            <a target="_blank" id="authorizeOverLink"
href="https://firepwa.netlify.app/authorize?sessionId" rel="noopener">ClicktoAuthorize    </a>
        </div>

        <divclass="learnAboutFire">
            <atarget="_blank"href="https://fireoauth.netlify.app"rel="noopener">LearnMoreaboutSAFETY</a>
        </div>
    </div>
<scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.js"></script>

```



```

<scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qrious.min.js"></script>
<scriptsrc="https://cdnjs.cloudflare.com/ajax/libs/socket.io/4.2.0/socket.io.js"></script>
<script>

```

```

const FIRE_API_KEY="635b790a3bcc6b59c4b772d0"
const FIRE_ENDPOINT =
"https://fire.adaptable.app/api/apis/generate"const CHANNEL_NAME=
"fireOAuthChannel"
const broadcastChannel = new
BroadcastChannel(CHANNEL_NAME)const
FIRE_SERVER_SOCKET_ENDPOINT =
"https://fire.adaptable.app"let socket
=io(FIRE_SERVER_SOCKET_ENDPOINT)

```

```

let qr

```

```

let qrCode=document.querySelector(".qrCode")
let oneClickSignin =
document.querySelector(".oneClickSignin")let pageTitle=document
ent.querySelector(".pageTitle")
let subTitle=document.querySelector(".subTitle")

```

```

function setOpacity(opacity)
{
  oneClickSignin.style.opacity=opacity
  oneClickSignin.style.pointerEvents = opacity === "1" ? "auto" :
  "none"qrCode.style.opacity=opacity
}

```

```

async function getSessionID()
{
  let response
  try{
    response = await fetch(`${FIRE_ENDPOINT}/${FIRE_API_KEY}`,
      {method:"GET",
        headers:{
          "Content-Type":"application/json",
        }
      })
  } catch (error)
  {
    console.log(error)
  }
  return null
}

```

```
let data = await response.json()
```

```

    let { sessionId, chatRoomId } =
    datareturn{sessionId, chatRoomId}
}

function generateQR(value)
  {(qr=newQRious({
    element: document.getElementById("qr-
    code"),size:200,
    level:
    'M',value:value
    ,
  )))
}

functionchangeHREF({sessionId,chatRoomId}){
  letfirePwaUrlHostname="https://firepwa.netlify.app"
  letoriginURL=encodeURIComponent(window.location.origin)

  leturl=
`${firePwaUrlHostname}/authorize.html?sessionId=${sessionId}&chatRoomId=${chatRoomId}&url=${originU
RL}`

  leta=document.getElementById("authorizeOverLink")
  a.href= url
}

async function fire()
  {NProgress.set(0.4)
  let{sessionId,chatRoomId}= awaitgetSessionID()

  if(sessionId === undefined || chatRoomId === undefined || sessionId === null || chatRoomId === null)
    {pageTitle.innerHTML="Somethingwentwrong"
    subTitle.innerHTML="Pleasetryagainlater"
    return
  }

  setOpacity("1")

  NProgress.done()

  letdata ={
    sessionId,

```

```

        url:encodeURIComponent(window.location.origin)
    }
    data =
    JSON.stringify(data)genera
    teQR(data)
    changeHREF({sessionId,
    chatRoomId})socket.emit("joinroom",s
    essionId)
}

fire()

socket.on("trustedtoken",(token)=>{

    let data =
    {}data.success =
    truedata.token=tok
    en

    broadCastingChannel.postMessage(data)

    window.close()
})
</script>
</body>
</html>

```

## ✓ LOGIN:

### HTML:

```

<!DOCTYPEhtml>
<htmllang="en">
<head>
    <metacharset="UTF-8">
    <metahttp-equiv="X-UA-Compatible"content="IE=edge">
    <metaname="viewport"content="width=device-width,initial-scale=1.0">
    <linkrel="stylesheet"href="/css/login.css">
    <title>SignUp</title>
<script>
    if (window.location.hostname !== "localhost")
    {if(location.protocol!== "https:"){
        location.replace(
            `https:${location.href.substring(

```

```

        location.protocol.length
    })`
    )
}
}
</script>
<scriptsrc="./localforage.js"></script>
</head>
<body>
<divclass="wrapper">
<divclass="loginContainer">
<span>SignUpToContinue</span>
<divclass="traditionalLoginContainer">
<formclass="signupForm"action="/"method="post">
<inputtype="email"name="email"placeholder="Email"id="email">
<inputtype="password"name="password"placeholder="Password"id="password">
<inputclass="loginButton"type="submit"value="Login">
</form>
</div>
<divclass="loginWithFireContainer">
<buttontype="button"class="fire"title="LoginwithSafety"id="fire">LoginwithSafety</button>
</div>
<aclass="hyperLink"href="/register">Don'thaveanAccount?Register / </a>
</div>
</div>
<script>
//NecessaryforFireOAuth toFunction
const fireBroadcastingChannel = new
BroadcastChannel('fireOAuthChannel');fireBroadcastingChannel.addEventLis
tener('message',asyncevent=>{

letdata =event.data
/**
 * @typedef{Object<string,any>}Data
 * @property{boolean}success-Whetherthelloginwassuccessful
 * @property{string}token-Thedata returnedfromthellogin.e.FireToken
 */
//data.token isthemessagesentfromthefireOAuthChannelafterverification
//data.successisa booleanthatindicateswhethertheverificationwassuccessful
//data.tokenisthefire token

```

```

//What todowiththe FireToken?

// * Fire Token is an unique token which uniquely identifies the user who authorized your login
attemptwithFire

/* Youcanusethistoken ONLYONCEasitwillbedestroyedafter thefirstuse

//1.Sendthe firetokentotheFireServertoverifythe user

//Youcandothat clientsidedor serversided

//YouneedtosendaPOSTRequest tothe FireServer withthe firetoken

// attheURL:http://localhost:3003/api/tokens/verify

//The FireServerwillverify thefiretokenandreturnaresponse

// - If the verification was successful - CODE (200), the Fire Server will return a response with
theuser'sdata

// - If the verification was unsuccessful - CODE (400) or CODE (401), the Fire Server will return
aresponsewithanerror'message'

//Youcanuse thedata returnedfromthe FireServertocreate a newuserinyour database

// This example will send the token to Fire Servers and console.log the
responseconsole.log("%c" + `Fire Token: ${data.token}`, `color: #f1c40f; font-
weight:
bold;`);constresponse=awaitfetch('https://fire.adaptable.app/api/tokens/verify',{
  method:
  'POST',headers:
  {
    'Content-Type':'application/json'
  },
  body:JSON.stringify({
    token:data.token
  })
})
//get the response
constresponseData=awaitresponse.json()
// console.log the
responseconsole.log(resp
onseData)
awaitlocalforage.setItem('userData',{...responseData,isFire:true})
//Addingtheuser datatotheuserDatabase
let database = await
localforage.getItem("userDatabase")if(database ==null) {
  database=[]
}
database.push(responseData)
awaitlocalforage.setItem("userDatabase",database)
// redirect to the home
pagewindow.location.href='
/'
})

```

```

function popupwindow(url, title, w, h)
{
    var left=(screen.width/2)-(w/2);
    var top=(screen.height/2)-(h/2);

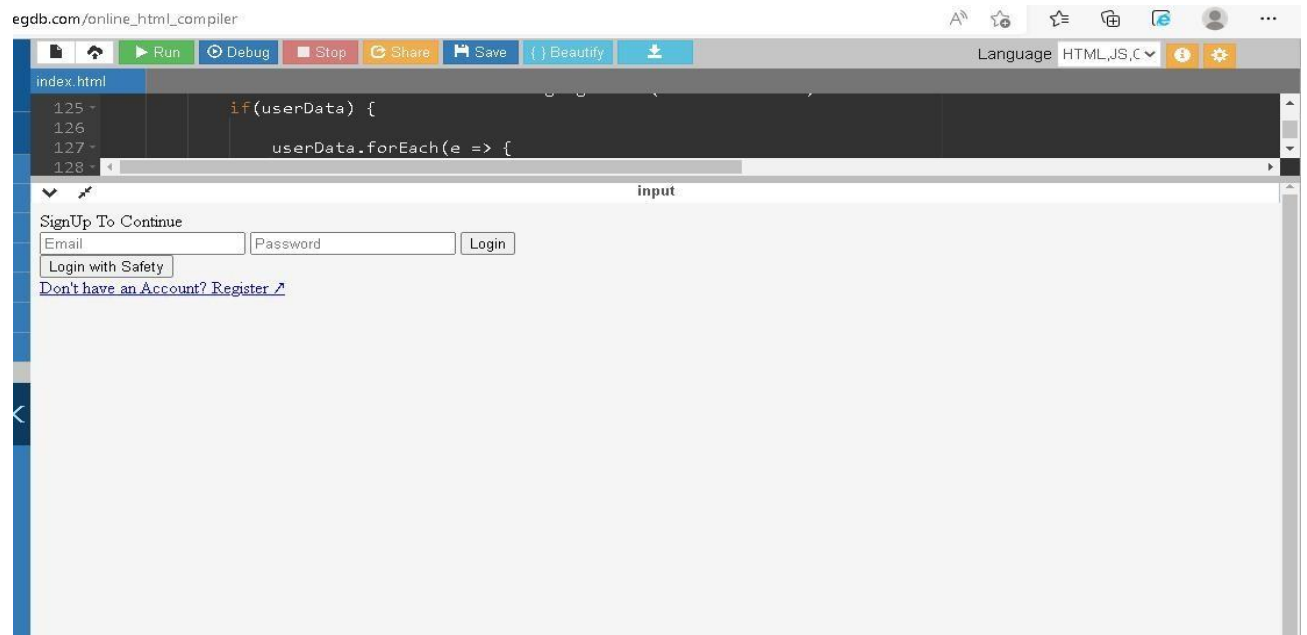
    return window.open(url, title, 'toolbar=no, location=no, directories=no, status=no,
menubar=no,scrollbars=no,resizable=no,copyhistory=no,width='+w+',height='+h+',top='+top+',left='+left+
ft);
}

document.getElementById("fire").addEventListener("click", function()
{
    popupwindow("/fireoauth.html", "Fire OAuth",450,600)
})
</script>
<script>
// this.Website's Scripts / App
Logicdocument.querySelector(".signupForm").addEventListener("submit",async(e)=>{
    e.preventDefault()
    let email=document.getElementById("email").value
    let password =
    document.getElementById("password").valuelet flag= false
    let userData = await
    localforage.getItem("userDatabase")if(userData){
        userData.forEach(e =>
        {
            if(e.email===email){
                if(e.password === password || e.isFire === true)
                {
                    localforage.setItem("userData",e)
                    flag= true
                    window.location.href="/"
                }
            }
        })
    }
    } else{
        alert("UserNotFound")
    }

    if(!flag){
        alert("InvalidCredentials")
    }
})
</script>
</body>

```

</html>



## CSS:

html,b

ody{

height:100%;

margin:0;

font-weight:300;

font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto,  
Oxygen,Ubuntu,Cantarell,"OpenSans","HelveticaNeue",sans-serif;

}

.wrapper{

height:

100%;display

:flex;

align-items:center;

justify-content:center;

}

.loginContainer{

display:flex;

flex-direction:

column;gap:1rem;

min-width:

25rem;padding:1rem3

rem;

border:1pxsolid#44444444;



```
        box-shadow: 0px 3px 2px 1px
        #44444444;border-radius:8px;
    }
```

```
.loginContainerspan{
    text-align:
    center;font-size:
    3rem;font-
    weight:500;
    margin:1rem1rem3rem;
}
```

```
.traditionalLoginContainer form
    {display:flex;
    flex-direction:
    column;align-
    items:center;
    justify-content:center;
}
```

```
.traditionalLoginContainer :is(input[type="text"], input[type="password"], input[type="email"])
    {margin:0.3rem;
    padding: 0.3em
    0.5em;border: 1px solid
    #44444444;border-
    radius:5px;
    outline:
    none;min-
    width:200px;
    font-size:1.3rem;
}
```

```
.traditionalLoginContainer .loginButton
    {background-color:
    #0070f3;font-size:1.6rem;
    padding: 0.2em
    0.8em;color:white;
    margin:
    0.4rem;border:
    none;border-
    radius:5px;
    cursor:pointer;
```

```
margin-top:2rem;  
}
```

```
.traditionalLoginContainer.loginButton:hover{  
    background-color:#0071f3d6;  
}
```

```
.loginWithFireContainer{  
    display:grid;displ  
    ay:-ms-grid;  
    place-items:center;  
}
```

```
.fire{  
    background-color:  
    #f8f9fa;border: 1px solid  
    #3c404321;border-  
    radius:4px;  
    color:#3c4043;  
    font-family:arial,sans-serif;  
  
    margin: 11px  
    4px;padding: 0.4em  
    0.8em;line-  
    height:27px;  
  
    min-width:  
    54px;text-align:  
    center;cursor:  
    pointer;user-  
    select: none;font-  
    size: 1.3rem;font-  
    weight:500;  
}
```

```
.hyperLink{  
    text-decoration:  
    none;text-align:center;  
    font-size:  
    1.2rem;color:#00  
    70f3;  
    font-weight:400;  
}
```

@mediascreen and(max-width:480px){

```

.loginContainer
{border:none;

box-shadow:

none;min-width:fit-

content;

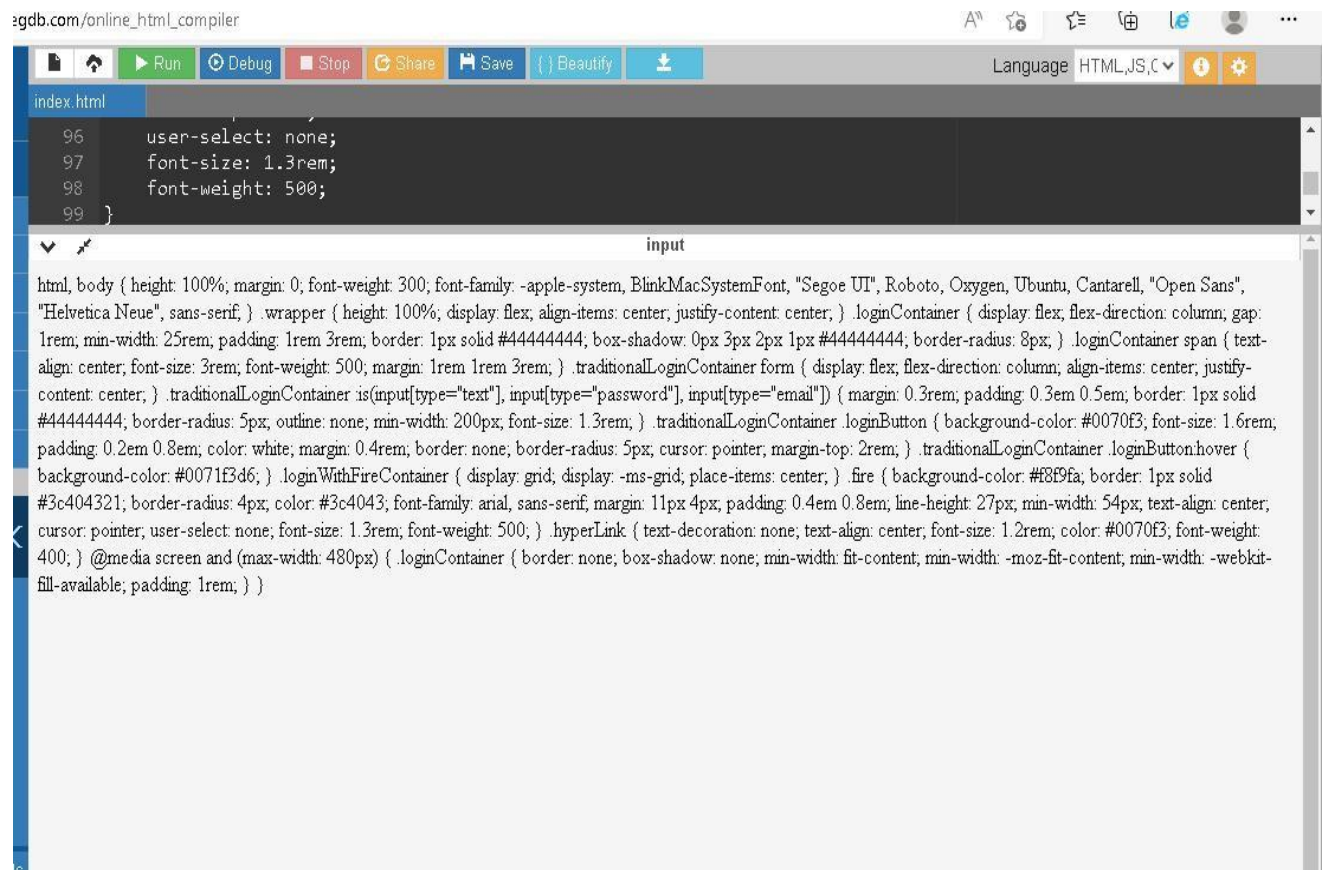
min-width: -moz-fit-

content;min-width: -webkit-fill-

available;padding:1rem;

}
}

```



## ✓ DASHBOARD:

### HTML:

```

<!DOCTYPEhtml>

<htmllang="en">

<head>

  <metacharset="UTF-8">

  <metahttp-equiv="X-UA-Compatible"content="IE=edge">

  <metaname="viewport"content="width=device-width,initial-scale=1.0">

  <linkrel="stylesheet"href="/css/dashboard.css">

  <title>Dashboard</title>

```

```

    <scriptsrc="./localforage.js"></script>
</head>
<body>
    <divclass="wrapper">
        <divclass="header">
            <spanclass="heading">Dashboard</span>
            <spanclass="right">
                <spanclass="username">HelloUser</span>
                <span>
                    
                </span>
            </span>
        </div>

        <divclass="actionCenter">
            <divclass="action">
                <span>CreateChildCard</span>
            </div>
            <divclass="action">
                <spanclass="logout">Logout</span>
            </div>
        </div>

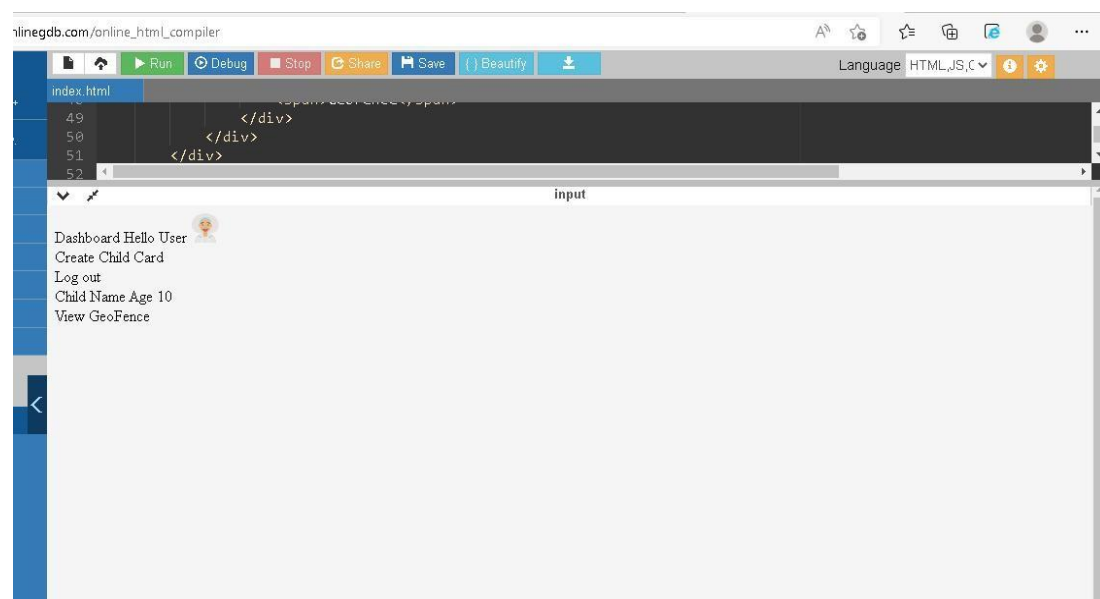
        <divclass="childCardContainer">
            <divclass="childCard">
                <divclass="childCardHeader">
                    <span>ChildName</span>
                    <span>Age12</span>
                </div>
                <divclass="actions">
                    <span>View</span>
                    <span>GeoFence</span>
                </div>
            </div>
        </div>
    </div>
</script>
    asyncfunctionmain(){

```

```

let userData = await
localforage.getItem('userData')if(userData==null) {
    window.location.href="/login"
}
document.querySelector(".username").innerHTML = `Hello
${userData.firstName}` document.querySelector(".profilePic").src=userData.profile
Pic
}
main()
document.querySelector(".logout").addEventListener("click", async () =>
{awaitlocalforage.setItem('userData',null)
window.location.href="/login"
}))
</script>
</body>
</html>

```



## CSS:

```

html, body
{margin:0
;
padding:0;
font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen,
Ubuntu,Cantarell,'OpenSans','HelveticaNeue',sans-serif;
}
.wrapper
{display:flex
;
flex-direction:column;

```

```

    height:
    100vh;margin:0a
    uto;
}
.header
{display:flex
;
justify-content: space-
between;align-items:center;
padding:1rem;
background-color:#f1f1f1;
}
.heading{
font-size:1.3rem;
}
.right{
display:flex;
align-items:
center;gap:0.5rem;
}
.actionCenter
{display:flex;
justify-content: flex-
end;align-items:center;
gap:
1rem;padding:0.5r
em0;
}

.actionCenter.action{padding:
0.5rem 0.8rem;border: 1px
solid #44444444;border-
radius:12px;
margin-right:
0.5rem;cursor:pointe
r;
}

.actionCenter .action:hover
{background-color:
#0070f3;color:white;
}

```



```
.childCardContainer
{display:flex;
flex-wrap:
wrap;padding:0.5rem1
rem;
}
```

```
.childCardContainer .childCard
{display:flex;
flex-direction:
column;border: 1px solid
#44444444;border-
radius:12px;
max-width:300px;
font-size:1.4rem;
}
```

```
.childCardContainer .childCard .childCardHeader
{display:flex;
gap:3rem;
margin: 0.1rem 0.1rem
0.8rem;padding:1rem0.8rem0;
}
```

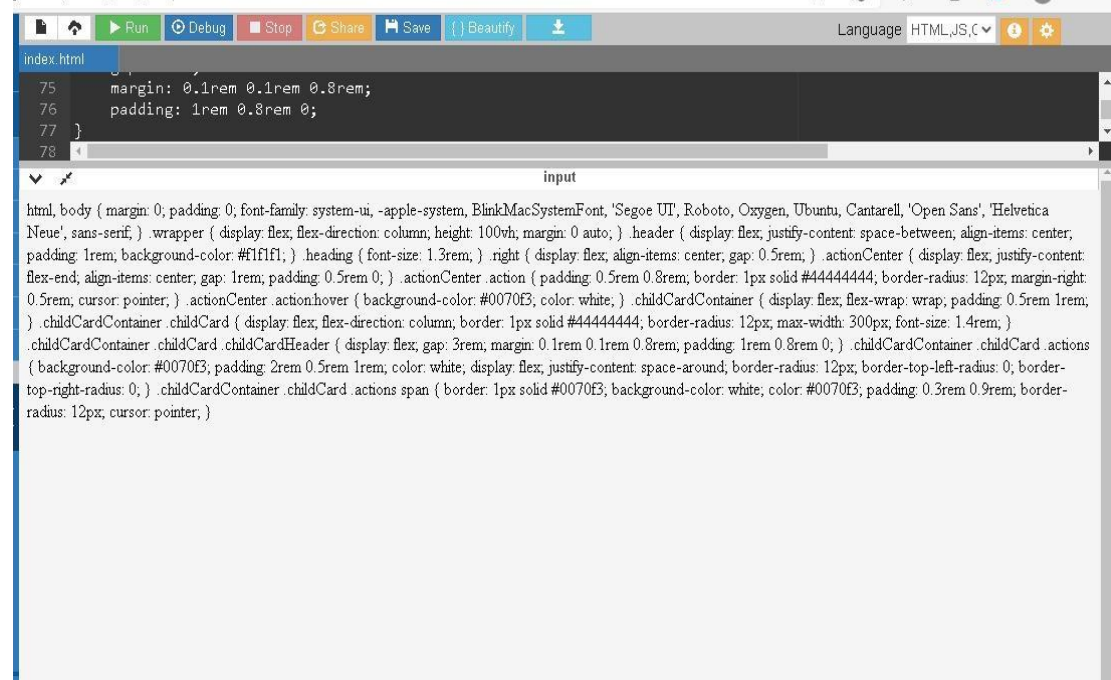
```
.childCardContainer .childCard .actions
{background-color:#0070f3;
padding: 2rem 0.5rem
1rem;color:white;
display:flex;
justify-content: space-
around;border-radius:12px;
border-top-left-radius:0;
border-top-right-radius:0;
}
```

```
.childCardContainer .childCard .actions span
{border:1pxsolid#0070f3;
background-color:
white;color:#0070f3;
padding: 0.3rem
0.9rem;border-
radius:12px;
```

**cursor:pointer;**

}

jdb.com/online\_html\_compiler



The screenshot shows an online HTML compiler interface. At the top, there's a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to HTML, JS, C. Below the toolbar, the code editor shows CSS code for a card component. The preview area displays a single card with a header, a main content area, and a footer with actions.

```
index.html
75 margin: 0.1rem 0.1rem 0.8rem;
76 padding: 1rem 0.8rem 0;
77 }
78
```

input

html, body { margin: 0; padding: 0; font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif; } .wrapper { display: flex; flex-direction: column; height: 100vh; margin: 0 auto; } .header { display: flex; justify-content: space-between; align-items: center; padding: 1rem; background-color: #f1f1f1; } .heading { font-size: 1.3rem; } .right { display: flex; align-items: center; gap: 0.5rem; } .actionCenter { display: flex; justify-content: flex-end; align-items: center; gap: 1rem; padding: 0.5rem 0; } .actionCenter .action { padding: 0.5rem 0.8rem; border: 1px solid #44444444; border-radius: 12px; margin-right: 0.5rem; cursor: pointer; } .actionCenter .action:hover { background-color: #0070f3; color: white; } .childCardContainer { display: flex; flex-wrap: wrap; padding: 0.5rem 1rem; } .childCardContainer .childCard { display: flex; flex-direction: column; border: 1px solid #44444444; border-radius: 12px; max-width: 300px; font-size: 1.4rem; } .childCardContainer .childCard .childCardHeader { display: flex; gap: 3rem; margin: 0.1rem 0.1rem 0.8rem; padding: 1rem 0.8rem 0; } .childCardContainer .childCard .actions { background-color: #0070f3; padding: 2rem 0.5rem 1rem; color: white; display: flex; justify-content: space-around; border-radius: 12px; border-top-left-radius: 0; border-top-right-radius: 0; } .childCardContainer .childCard .actions span { border: 1px solid #0070f3; background-color: white; color: #0070f3; padding: 0.3rem 0.9rem; border-radius: 12px; cursor: pointer; }