Project Development Phase
SPRINT-1

Date	29 October 2022
Team ID	PNT2022TMID17405
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring&Notification

REGISTRATION:

HTML:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <link rel="stylesheet" href="/css/login.css">

    <title>Sign Up</title>

    <script> if (window.location.hostname !==

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

        { location.replace(

                `https:${location.href.substring(

                    location.protocol.length

                )}`

            )

        }

    }

    </script>

    <script src="./localforage.js"></script>

</head>

<body>

    <div class="wrapper">

        <div class="loginContainer">

            <span>Login to Continue</span>

            <div class="traditionalLoginContainer">

                <form class="signupForm" action="/" method="post">

                    <input type="text" name="firstName" placeholder="First Name" id="firstName">

                    <input type="text" name="lastName" placeholder="Last Name" id="lastName">

                    <input type="text" name="username" placeholder="User Name" id="username">
                    <input type="email" name="email" placeholder="Email" id="email">
```

```html
        <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 fireOAuthChannel 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 an unique token which uniquely identifies the user who authorized your login attempt
with Fire

    // * 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
```

```javascript
// This example will send the token to Fire Servers and console.log the response console.log("%c"
+ `Fire Token: ${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({
        token: data.token
    })
})
 // get the response
 const responseData = await response.json()
// console.log the response console.log(responseData)
await localforage.setItem('userData', {...responseData, isFire: true})
// Adding the user data to the user Database
let database = await localforage.getItem("userDatabase") if
(database == null) {
    database = []
}
database.push(responseData)
await localforage.setItem("userDatabase", database)
// redirect to the home page window.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);
}
document.getElementById("fire").addEventListener("click", function() { popupwindow("/fireoauth.html",
    "Fire OAuth", 450, 600)
})
</script>
<script>
// this.Website's Scripts / App Logic
document.querySelector(".signupForm").addEventListener("submit"    ,    async    (e)    =>    {
    e.preventDefault()
```

```
            let firstName = document.getElementById("firstName").value

            let lastName = document.getElementById("lastName").value

            let                        username                        =

            document.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>
```
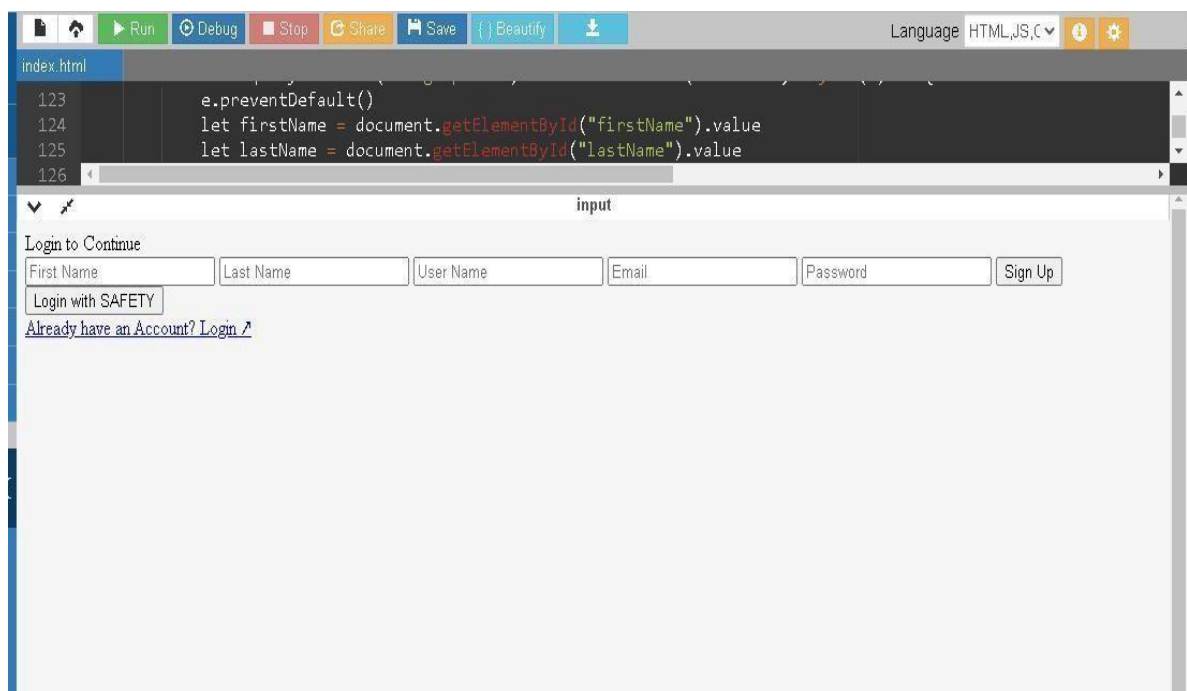

 CONFIRMATION EMAIL:

INDEX:

```
<!DOCTYPE html>

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

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

    <meta name="description" content="The Home Page after Logged In" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>IOT Based Safety Gadget for Child Safety Monitoring and Notification</title>

    <script src="./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() {

            let data = 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, 'Open Sans', 'Helvetica Neue',

                sans-serif;
    "

>

    <div

        class="wrapper"

        style="
```

```html
              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: 0 0 8px 0px #44444444;
max-width: 80%;
                      "
              >
                  <h1 class="name" style="margin: 0"></h1>
                  <div
class="imageContainer"
style="padding: 10px; height: 10rem; width: 10rem"
                  >
                      <img class="image" alt="profile picture" />
                  </div>
                  <h2 class="email" style="margin: 0"></h2>

        <a style="text-decoration: none;text-align: center;font-size: 1.2rem;color: #0070f3;font-weight: 400;"
    href="./dashboard">Go to Dashboard ↗</a>
              </div>
          </div>
          <script>
              async function main() {
let  name  =  document.querySelector(".name")  let
image  =  document.querySelector(".image")  let
```

```
            email    =    document.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>
```
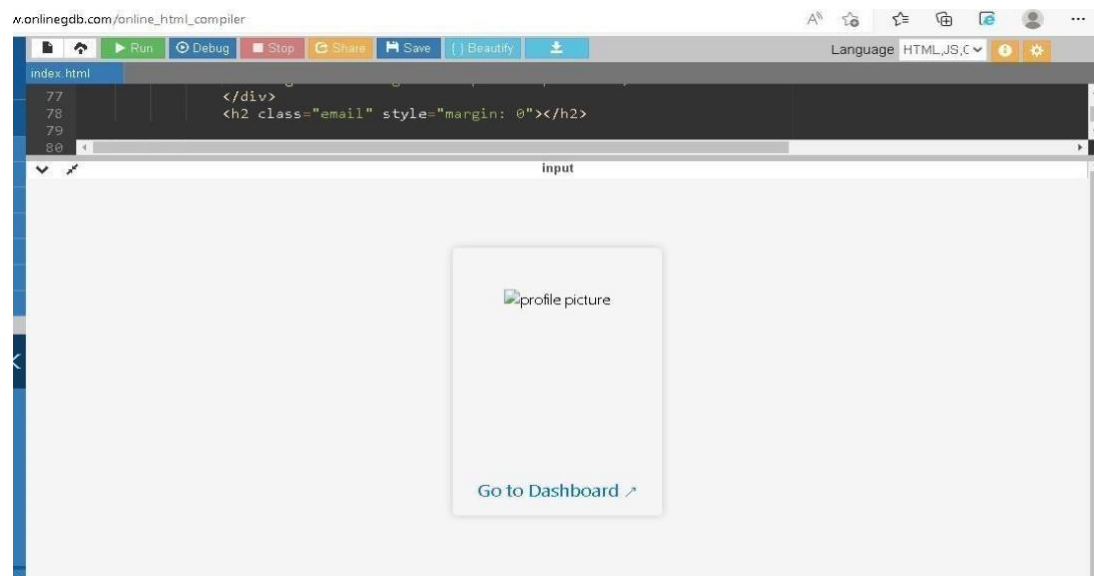

LOCALFORAGE:

```
/*!

    localForage -- Offline Storage, Improved

    Version 1.10.0

    https://localforage.github.io/localForage

    (c) 2013-2017 Mozilla, Apache License 2.0

*/

!function(a)

{if("object"==typeof exports&&"undefined"!=typeof module)module.exports=a();

else if("function"==typeof define&&define.amd)define([],a);

else{var b;

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

```
function e(g,h){if(!c[g]){if(!b[g]){

        var        i="function"==typeof        require&&require;

        if(!h&&i)return    i(g,!0);if(f)return    f(g,!0);    var    j=new

        Error("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){(function(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=++g%2}}

                    else if(a.setImmediate||void 0===a.MessageChannel)e="document"in
a&&"onreadystatechange"in                               a.document.createElement("script")?function(){var
b=a.document.createElement("script");b.onreadystatechange=function(){c(),b.onreadystatechange=null,b.p
a
rentNode.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)}function 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){ret
urn                                            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.prototype.otherCallFulfilled=function(a){g(
this.promise,this.onFulfilled,a)},f.prototype.callRejected=function(a){p.reject(this.promise,a)},f.prototype.oth
erCallRejected=function(a){g(this.promise,this.onRejected,a)},p.resolve=function(a,b){var
c=j(h,b);if("error"===c.status)return                                           p.reject(a,c.value);var
d=c.value;if(d)i(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;for(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("[native
code");return(!a||b)&&"undefined"!=typeof                       indexedDB&&"undefined"!=typeof
IDBKeyRange}catch(a){return!1}}function g(a,b){a=a||[],b=b||{};try{return new
Blob(a,b)}catch(f){if("TypeError"!==f.name)throw f;for(var c="undefined"!=typeof
BlobBuilder?BlobBuilder:"undefined"!=typeof MSBlobBuilder?MSBlobBuilder:"undefined"!=typeof
MozBlobBuilder?MozBlobBuilder:WebKitBlobBuilder,d=new c,e=0;e<a.length;e+=1)d.append(a[e]);return
d.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"!=typeof a&&(console.warn(a+" used as a key, but it is not a
string."),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){var
c=a.transaction(wa,Ba),d=g([""]);c.objectStore(wa).put(d,"key"),c.onabort=function(a){a.preventDefault(),a.st
opPropagation(),b(!1)},c.oncomplete=function(){var
a=navigator.userAgent.match(/ChromeV(\d+)/),c=navigator.userAgent.match(/EdgeV/);b(c||!a||parseInt(a[1],10
)
>=43)}}).catch(function(){return!1})}function                      n(a){return"boolean"==typeof
xa?va.resolve(xa):m(a).then(function(a){return xa=a})}function o(a){var b=ya[a.name],c={};c.promise=new
va(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.dbReady?b.dbReady=b.dbRead
y.th en(function(){return c.promise}):b.dbReady=c.promise}function p(a){var
b=ya[a.name],c=b.deferredOperations.pop();if(c)return c.resolve(),c.promise}function q( a,b){var
c=ya[a.name],d=c.deferredOperations.pop();if(d)return d.reject(b),d.promise}function r(a,b){return new
va(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
e=[a.name];b&&e.push(a.version);var f=ua.open.apply(ua,e);b&&(f.onupgradeneeded=function(b){var
c=f.result;try{c.createObjectStore(a.storeName),b.oldVersion<=1&&c.createObjectStore(wa)}catch(c){if("Con
straintError"!==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+'" already
exists.')}}),f.onerror=function(a){a.preventDefault(),d(f.error)},f.onsuccess=function(){var
b=f.result;b.onversionchange=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;var
c=!a.db.objectStoreNames.contains(a.storeName),d=a.version<a.db.version,e=a.version>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){var
f=a.db.version+1;f>a.version&&(a.version=f)}return!0}return!1}function v(a){return new va(function(b,c){var
d=new FileReader;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)})} function w(a){return
g([l(atob(a.data))],{type:a.type})}function x(a){return a&&a._local_forage_encoded_blob}function
y(a){var b=this,c=b._initReady().then(function(){var a=ya[b._dbInfo.name];if(a&&a.dbReady)return
a.dbReady});return i(c,a,a),c}function z(a){o(a);for(var
b=ya[a.name],c=b.forages,d=0;d<c.length;d++){var
e=c[d];e._dbInfo.db&&(e._dbInfo.db.close(),e._dbInfo.db=null)}return   a.db=null,s(a).then(function(b){return
a.db=b,u(a)?t(a):b}).then(function(d){a.db=b.db=d;for(var
e=0;e<c.length;e++)c[e]._dbInfo.db=d}).catch(function(b){throw q(a,b),b})}function A(a,b,c,d){void
0===d&&(d=1);try{var
e=a.db.transaction(a.storeName,b);c(null,e)}catch(e){if(d>0&&(!a.db||"InvalidStateError"===e.name||"NotFou
ndError"===e.name))return
va.resolve().then(function(){if(!a.db||"NotFoundError"===e.name&&!a.db.objectStoreNames.contains(a.store
Name)&&a.version<=a.db.version)return a.db&&(a.version=a.db.version+1),t(a)}).then(function(){return
z(a).then(function(){A(a,b,c,d-1)})}).catch(c);c(e)}}function
B(){return{forages:[],db:null,dbReady:null,deferredOperations:[]}}function       C(a){function       b(){return
va.resolve()}var c=this,d={db:null};if(a)for(var e in a)d[e]=a[e];var
f=ya[d.name];f||(f=B(),ya[d.name]=f),f.forages.push(c),c._initReady||(c._initReady=c.ready,c.ready=y);for(var
g=[],h=0;h<f.forages.length;h++){var i=f.forages[h];i!==c&&g.push(i._initReady().catch(b))}var
j=f.forages.slice(0);return va.all(g).then(function(){return d.db=f.db,s(d)}).then(function(){return
d.db=u(d,c._defaultConfig.version)?t(d):a}).then(function(a){d.db=f.db=a,c._dbInfo=d;for(var
b=0;b<j.length;b++){var e=j[b];e!==c&&(e._dbInfo.db=d.db,e._dbInfo.version=d.version)}})}function
D(a,b){var c=this;a=j(a);var d=new
va(function(b,d){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=g.get(a);h.onsuccess=function(){var a=h.result;void
0===a&&(a=null),x(a)&&(a=w(a)),b(a)},h.onerror=function(){d(h.error)}}catch(a){d(a)}})}).catch(d)});return
h(d,b),d}function E(a,b){var c=this,d=new
va(function(b,d){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=g.openCursor(),i=1;h.onsuccess=function(){var c=h.result;if(c){var
d=c.value;x(d)&&(d=w(d));var                  e=a(d,c.key,i++);void                0!==e?b(e):c.continue()}else
b()},h.onerror=function(){d(h.error)}}catch(a){d(a)}})}).catch(d)});return       h(d,b),d}function       F(a,b,c){var
d=this;a=j(a);var       e=new     va(function(c,e){var     f;d.ready().then(function(){return     f=d._dbInfo,"[object
Blob]"===za.call(b)?n(f.db).then(function(a){return
a?b:v(b)}):b}).then(function(b){A(d._dbInfo,Ba,function(f,g){if(f)return e(f);try{var
h=g.objectStore(d._dbInfo.storeName);null===b&&(b=void 0);var i=h.put(b,a);g.oncomplete=function(){void
0===b&&(b=null),c(b)},g.onabort=g.onerror=function(){var
a=i.error?i.error:i.transaction.error;e(a)}}catch(a){e(a)}})}).catch(e)});return h(e,c),e}function G(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.err
or)},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
( 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.dele
t eObjectStore(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.t            hen(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(){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})})}els
e 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]),d=Da.indexOf(a[b+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|63&f;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+=Ia):(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)})},d)});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):f(a,g)},f)}function U(a,b){var c=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){var e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT * FROM "+e.storeName+" WHERE key = ? LIMIT 1",[a],function(a,c){var d=c.rows.length?c.rows.item(0).value:null;d&&(d=e.serializer.deserialize(d)),b(d)},function(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 e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT * FROM "+e.storeName,[],function(c,d){for(var f=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)),void 0!==(j=a(j,i.key,h+1)))return void b(j)}b()},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);var h=b,i=e._dbInfo;i.serializer.serialize(b,function(b,j){j?g(j):i.db.transaction(function(c){T(c,i,"INSERT OR REPLACE 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)return void f(W.apply(e,[a,h,c,d-1]));g(b)}})})}).catch(g)});return h(f,c),f}function X(a,b,c){return W.apply(this,[a,b,c,1])}function Y(a,b){var c=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){var e=c._dbInfo;e.db.transaction(function(c){T(c,e,"DELETE FROM "+e.storeName+" WHERE key = ?",[a],function(){b()},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(){var d=b._dbInfo;d.db.transaction(function(b){T(b,d,"DELETE FROM "+d.storeName,[],function(){a()},function(a,b){c(b)})})}).catch(c)});return h(c,a),c}function $(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var d=b._dbInfo;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)});return h(c,a),c}function _(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){var e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT key FROM "+e.storeName+" WHERE id = ? LIMIT 1",[a+1],function(a,c){var d=c.rows.length?c.rows.item(0).key:null;b(d)},function(a,b){d(b)})})}).catch(d)});return h(d,b),d}function aa(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var d=b._dbInfo;d.db.transaction(function(b){T(b,d,"SELECT key FROM "+d.storeName,[],function(b,c){for(var d=[],e=0;e<c.rows.length;e++)d.push(c.rows.item(e).key);a(d)},function(a,b){c(b)})})}).catch(c)});return h(c,a),c}function ba(a){return new va(function(b,c){a.transaction(function(d){d.executeSql("SELECT name FROM sqlite_master WHERE type='table' AND name <> '__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(a){c(a)})})}function ca(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;return d=a.name?new va(function(b){var d;d=a.name===c.name?e._dbInfo.db:openDatabase(a.name,"","",0),b(a.storeName?{db:d,storeNames:[a.storeName]}:ba(d))}).then(function(a){return new va(function(b,c){a.db.transaction(function(d){function e(a){return new va(function(b,c){d.executeSql("DROP TABLE IF EXISTS "+a,[],function(){b()},function(a,b){c(b)})})}for(var f=[],g=0,h=a.storeNames.length;g<h;g++)f.push(e(a.storeNames[g]));va.all(f).then(function(){b()}).catch(function(a){c(a)})},function(a){c(a)})})}):va.reject("Invalid arguments"),h(d,b),d}function da(){try{return"undefined"!=typeof localStorage&&"setItem"in localStorage&&!!localStorage.setItem}catch(a){return!1}}function ea(a,b){var c=a.name+"/";return a.storeName!==b.storeName&&(c+=a.storeName+"/"),c}function fa(){var a="_localforage_support_test";try{return localStorage.setItem(a,!0),localStorage.removeItem(a),!1}catch(a){return!0}}function ga(){return!fa()||localStorage.length>0}function ha(a){var b=this,c={};if(a)for(var d in a)c[d]=a[d];return c.keyPrefix=ea(a,b._defaultConfig),ga()?(b._dbInfo=c,c.serializer=Va,va.resolve()):va.reject()}function ia(a){var b=this,c=b.ready().then(function(){for(var a=b._dbInfo.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}function ja(a,b){var c=this;a=j(a);var d=c.ready().then(function(){var b=c._dbInfo,d=localStorage.getItem(b.keyPrefix+a);return d&&(d=b.serializer.deserialize(d)),d});return h(d,b),d}function ka(a,b){var c=this,d=c.ready().then(function(){for(var b=c._dbInfo,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)),void

0!==(j=a(j,i.substring(e),g++)))return j}}});return h(d,b),d}function la(a,b){var c=this,d=c.ready().then(function(){var b,d=c._dbInfo;try{b=localStorage.key(a)}catch(a){b=null}return b&&(b=b.substring(d.keyPrefix.length)),b});return h(d,b),d}function ma(a){var b=this,c=b.ready().then(function(){for(var a=b._dbInfo,c=localStorage.length,d=[],e=0;e<c;e++){var f=localStorage.key(e);0===f.indexOf(a.keyPrefix)&&d.push(f.substring(a.keyPrefix.length))}return d});return h(c,a),c}function na(a){var b=this,c=b.keys().then(function(a){return a.length});return h(c,a),c}function oa(a,b){var c=this;a=j(a);var d=c.ready().then(function(){var b=c._dbInfo;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){var g=d._dbInfo;g.serializer.serialize(b,function(b,d){if(d)f(d);else try{localStorage.setItem(g.keyPrefix+a,b),e(c)}catch(a){"QuotaExceededError"!==a.name&&"NS_ERRO
R_DO   M_QUOTA_REACHED"!==a.name||f(a),f(a)}})})});return h(e,c),e}function qa(a,b){if(b=k.apply(this,arguments),a="function"!=typeof a&&a||{},!a.name){var c=this.config();a.name=a.name||c.name,a.storeName=a.storeName||c.storeName}var d,e=this;return d=a.name?new va(function(b){b(a.storeName?ea(a,e._defaultConfig):a.name+"/")}).then(function(a){for(var b=localStorage.length-1;b>=0;b--){var c=localStorage.key(b);0===c.indexOf(a)&&localStorage.removeItem(c)}}):va.reject("Invalid arguments"),h(d,b),d}function ra(a,b){a[b]=function(){var c=arguments;return a.ready().then(function(){return a[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)b.hasOwnProperty(c)&&($a(b[c])?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}return arguments[0]}var ta="function"==typeof Symbol&&"symbol"==typeof Symbol.iterator?function(a){return typeof a}:function(a){return a&&"function"==typeof Symbol&&a.constructor===Symbol&&a!==Symbol.prototype?"symbol":typeof a},ua=e();"undefined"==typeof Promise&&a(3);var va=Promise,wa="local-forage-detect-blob-support",xa=void 0,ya={},za=Object.prototype.toString,Aa="readonly",Ba="readwrite",Ca={_driver:"asyncStorage",_initStorag
e: C,_support:f(),iterate:E,getItem:D,setItem:F,removeItem:G,clear:H,length:I,key:J,keys:K,dropInstance:L},Da= "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local_forage_type ~",Fa=/^~~local_forage_type~([^~]+)~/,Ga="_lfsc_:",Ha=Ga.length,Ia="arbf",Ja="blob",Ka="si08",La="ui08", Ma="uic8",Na="si16",Oa="si32",Pa="ur16",Qa="ui32",Ra="fl32",Sa="fl64",Ta=Ha+Ia.length,Ua=Object.protot y
pe.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={_driver:"webSQLStorage"
,
_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:_,keys:aa,dropI
n
stance: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){return a===b||"number"==typeof a&&"number"==typeof b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(var c=a.length,d=0;d<c;){if(Ya(a[d],b))return!0;d++}return!1},$a=Array.isArray||function(a){return"[object Array]"===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:"",drive
r: cb.slice(),name:"localforage",size:4980736,storeName:"keyvaluepairs",version:1},gb=function(){function a(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._d
e
faultConfig,b),this._driverSet=null,this._initDriver=null,this._ready=!1,this._dbInfo=null,this._wrapLibraryMet
hodsWithReady(),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 new Error("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 new Error("Database version must be a number.");this._config[b]=a[b]}return!("driver"in a&&a.driver)||this.setDriver(this._config.driver)}return"string"==typeof a?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; see https://mozilla.github.io/localForage/#definedriver");if(!a._driver)return void c(e);for(var f=eb.concat("_initStorage"),g=0,i=f.length;g<i;g++){var j=f[g];if((!Za(db,j)||a[j])&&"function"!=typeof a[j])return void c(e)}(function(){for(var b=function(a){return function(){var b=new Error("Method "+a+" is not implemented 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"in a?a._support&&"function"==typeof a._support?a._support().then(k,c):k(!!a._support):k(!0)}catch(a){c(a)}});return i(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."));return

```
i(d,b,c),d},a.prototype.getSerializer=function(a){var                    b=va.resolve(Va);return
i(b,a),b},a.prototype.ready=function(a){var              b=this,c=b._driverSet.then(function(){return
null===b._ready&&(b._ready=b._initDriver())),b._ready});return
i(c,a,a),c},a.prototype.setDriver=function(a,b,c){function d(){g._config.driver=g.driver()}function e(a){return
g._extend(a),d(),g._ready=g._initStorage(g._config),g._ready}function     f(a){return     function(){function
b(){for(;c<a.length;){var f=a[c];return c++,g._dbInfo=null,g._ready=null,g.getDriver(f).then(e).catch(b)}d();var
h=new Error("No available storage method found.");return g._driverSet=va.reject(h),g._driverSet}var
c=0;return b()}}var g=this;$a(a)||(a=[a]);var
h=this._getSupportedDrivers(a),j=null!==this._driverSet?this._driverSet.catch(function(){return
va.resolve()}):va.resolve();return this._driverSet=j.then(function(){var a=h[0];return
g._dbInfo=null,g._ready=null,g.getDriver(a).then(function(a){g._driver=a._driver,d(),g._wrapLibraryMethods
W ithReady(),g._initDriver=f(h)})}).catch(function(){d();var a=new Error("No available storage method
found.");return
g._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)}return
b},a.prototype._wrapLibraryMethodsWithReady=function(){for(var
a=0,b=eb.length;a<b;a++)ra(this,eb[a])},a.prototype.createInstance=function(b){return new a(b)},a}(),hb=new
gb;b.exports=hb},{3:3}]},{},[4])(4)});
```

🔐 AUTHENTICATION:

FIREOAUTH:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <link rel="stylesheet" href="/css/fireoauth.css">

    <link rel="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>
        html,
        body {
            height: 100%;
            margin: 0;
            font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, Oxygen,
                Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;
            font-weight: 300;
        }

        a {
            text-decoration: none;
            color: #007bff; font-
```

```css
      weight: 500; font-size:

      1.2rem;

}


h3 {
font-size: 1.4rem;

}


h3, h4 {
margin: 0;
padding: 0.3rem 0;

}


.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: 0 0 3px 0px #44444444;
opacity: 0.2;

   pointer-events: none;

}


.qrcode { opacity:

   0.1;

}


.learnAboutFire    {    padding-

   top: 1.25em;

}
```

```css
    .qrHolder { display:

        none;

        margin-top: 3rem;

    }


    .qrContainer {

        align-items:    center;

        display:  flex;  justify-

        content:        center;

        padding: 8px;

        margin: 2rem auto;

        box-shadow: 0 0px 6px 1px rgb(0 0 0 /

        16%); border: 1px solid #44444444; border-

        radius: 6px; width: 200px;

        height: 200px;

    }
</style>
<title>Fire OAuth</title>
<script>

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

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

            location.replace(

                `https:${location.href.substring(

                    location.protocol.length

                )}`

            )

        }

    }

</script>
</head>
<body>

    <div class="wrapper">

        <h3 class="pageTitle">Login with SAFETY</h3>


        <div class="qrAuthorize">

            <h4 class="subTitle">Scan QR from your Fire OAuth App </h4>
```

```html
      <div class="qrContainer">

        <canvas id="qr-code" class="qrcode"></canvas>

      </div>

    </div>


    <div class="oneClickSignin">

      <h4>Have Fire PWA on this device?</h4>

        <a    target="_blank"   id="authorizeOverLink"   href="https://firepwa.netlify.app/authorize?sessionId"
rel="noopener">Click to Authorize        </a>

    </div>


    <div class="learnAboutFire">

        <a target="_blank" href="https://fireoauth.netlify.app" rel="noopener">Learn More about SAFETY</a>

    </div>

  </div>

  <script src="https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/qrious/4.0.2/qrious.min.js"></script>

  <script src="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

    broadCastingChannel = 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.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

    }
```

```javascript
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 } = data return
   { sessionId, chatRoomId }
}


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


function changeHREF ({sessionId, chatRoomId}) {
let firePwaUrlHostname = "https://firepwa.netlify.app"
let originURL = encodeURIComponent(window.location.origin)

   let url =
`${firePwaUrlHostname}/authorize.html?sessionId=${sessionId}&chatRoomId=${chatRoomId}&url=${originU
RL}`                let              a               =
      document.getElementById("authorizeOverLink")
      a.href = url
}


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

```
        if(sessionId === undefined || chatRoomId === undefined || sessionId === null || chatRoomId === null) {

            pageTitle.innerHTML = "Something went wrong " subTitle.innerHTML = "Please try again later "

            return

        }


        setOpacity("1")



        NProgress.done()
        let data = { sessionId,

            url:

            encodeURICompo

            nent(window.locati

            on.origin)

        }

        data      =      JSON.stringify(data)

        generateQR(data)

        changeHREF({sessionId,

        chatRoomId})        socket.emit("join

        room", sessionId)

    }


    fire()


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


        let data = {}

        data.success = true

        data.token = token


        broadCastingChannel.postMessage(data)


        window.close()

    })

   </script>

</body>

</html>
```

🔒 LOGIN:

HTML:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <link rel="stylesheet" href="/css/login.css">

    <title>Sign Up</title>

    <script>

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

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

                location.replace(

                    `https:${location.href.substring(
                        location.protocol.length

                    )}`

                )

            }

        }

    </script>

    <script src="./localforage.js"></script>

</head>

<body>

    <div class="wrapper">

        <div class="loginContainer">

            <span>SignUp To Continue</span>

            <div class="traditionalLoginContainer">

                <form class="signupForm" action="/" method="post">

                    <input type="email" name="email" placeholder="Email" id="email">

                    <input type="password" name="password" placeholder="Password" id="password">

                    <input class="loginButton" type="submit" value="Login">

                </form>

            </div>

            <div class="loginWithFireContainer">
```

```html
        <button type="button" class="fire" title="Login with Safety" id="fire">Login with Safety</button>

      </div>

      <a class="hyperLink" href="/register">Don't have an Account? Register ↗</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 fireOAuthChannel 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 an unique token which uniquely identifies the user who authorized your login attempt with Fire

      // * 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" + `Fire Token: ${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({ token:

                        data.token

                    })

                })

                // get the response
const responseData = await response.json()

                // console.log the response console.log(responseData)

                await localforage.setItem('userData', {...responseData, isFire: true})

                // Adding the user data to the user Database

                let database = await localforage.getItem("userDatabase")

                if (database == null) {

                    database = []

                }
database.push(responseData)
await localforage.setItem("userDatabase", database)

                // redirect to the home page window.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);

            }

            document.getElementById("fire").addEventListener("click",              function()                {

                popupwindow("/fireoauth.html", "Fire OAuth", 450, 600)

            })

        </script>

        <script>

            //        this.Website's        Scripts        /        App        Logic

            document.querySelector(".signupForm").addEventListener("submit" , async (e)

            => { e.preventDefault()
let email = document.getElementById("email").value

                let password = document.getElementById("password").value

                let    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("User Not Found")

            }


            if(!flag) {
alert("Invalid Credentials")

            }

        })

    </script>

</body>
</html>
```
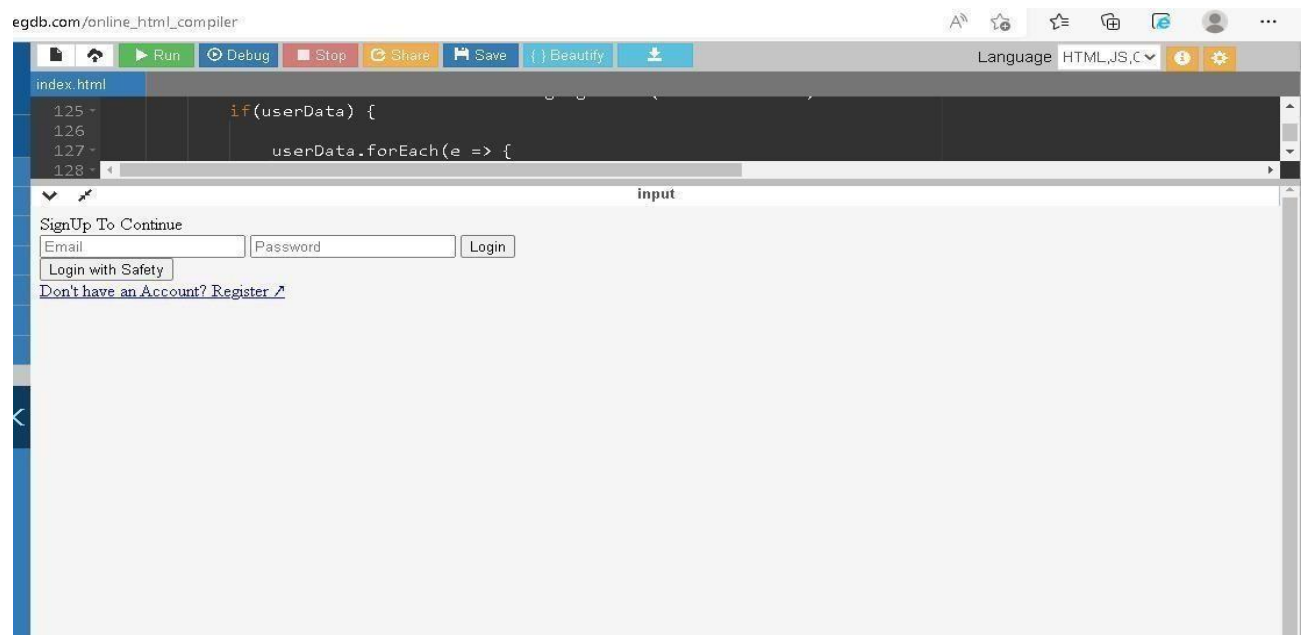


```
egdb.com/online_html_compiler
```

```
index.html
125        if(userData) {
126
127            userData.forEach(e => {
128
```

input

SignUp To Continue

Email | Password | Login

Login with Safety

Don't have an Account? Register ↗

CSS:

```
html,

body {

        height: 100%;
margin: 0;
font-weight: 300;

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

            Cantarell, "Open Sans", "Helvetica Neue", sans-serif;

}
```

```css
.wrapper {
    height: 100%; display:
    flex;        align-items:
    center;        justify-
    content: center;
}


.loginContainer {
display: flex;
    flex-direction: column; gap:
    1rem;   min-width:   25rem;
    padding: 1rem 3rem; border:
    1px  solid  #44444444; box-
    shadow:  0px  3px  2px  1px
    #44444444;

    border-radius: 8px;
}


.loginContainer span {
    text-align:
    center; font-size:
    3rem;        font-
    weight: 500;
    margin: 1rem 1rem 3rem;
}


.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;
```

```css
            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;
                display:    -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:
```

```css
        pointer; user-select:

        none; font-size: 1.3rem;

        font-weight: 500;

}


.hyperLink {

        text-decoration: none;

    text-align:  center;  font-size:

    1.2rem;  color: #0070f3;  font-

    weight: 400;

}


@media screen 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:

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <link rel="stylesheet" href="./css/dashboard.css">

    <title>Dashboard</title>
    <script src="./localforage.js"></script>

</head>

<body>

    <div class="wrapper">

        <div class="header">

            <span class="heading">Dashboard</span>

            <span class="right">

                <span class="username">Hello User</span>

                <span>

                    <img class="profilePic" src="https://avatars.dicebear.com/api/avataaars/asdfasdfds.svg" alt="User Profile" height="30" width="30">

                </span>

            </span>

        </div>


        <div class="actionCenter">

            <div class="action">

                <span>Create Child Card</span>

            </div>

            <div class="action">

                <span class="logout">Log out</span>

            </div>

        </div>


        <div class="childCardContainer">

            <div class="childCard">
```

```html
            <div class="childCardHeader">

              <span>Child Name</span>

              <span>Age 12</span>

            </div>

            <div class="actions">

              <span>View</span>

              <span>GeoFence</span>

            </div>

          </div>

        </div>

      </div>

      <script>

        async function main() {
          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.profilePic

        }
main()

        document.querySelector(".logout").addEventListener("click", async () => { await

          localforage.setItem('userData', null)

          window.location.href = "/login"

        })

      </script>

    </body>

    </html>
```
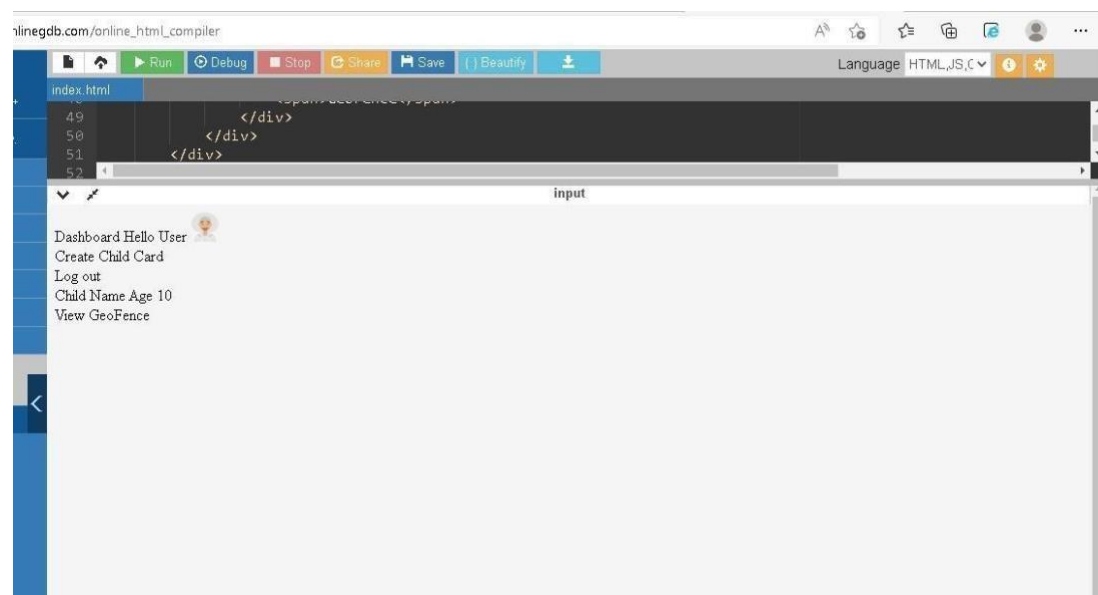
CSS:

```
html, body { margin:

    0;

    padding: 0;

    font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell,
'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;
```

```css
}
.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;

}