

Project Development Phase

SPRINT-1

Date	14 November 2022
Team ID	PNT2022TMID53923
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring&Notification

✓ REGISTRATION:

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">
```

```
          <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 

```

```

        '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

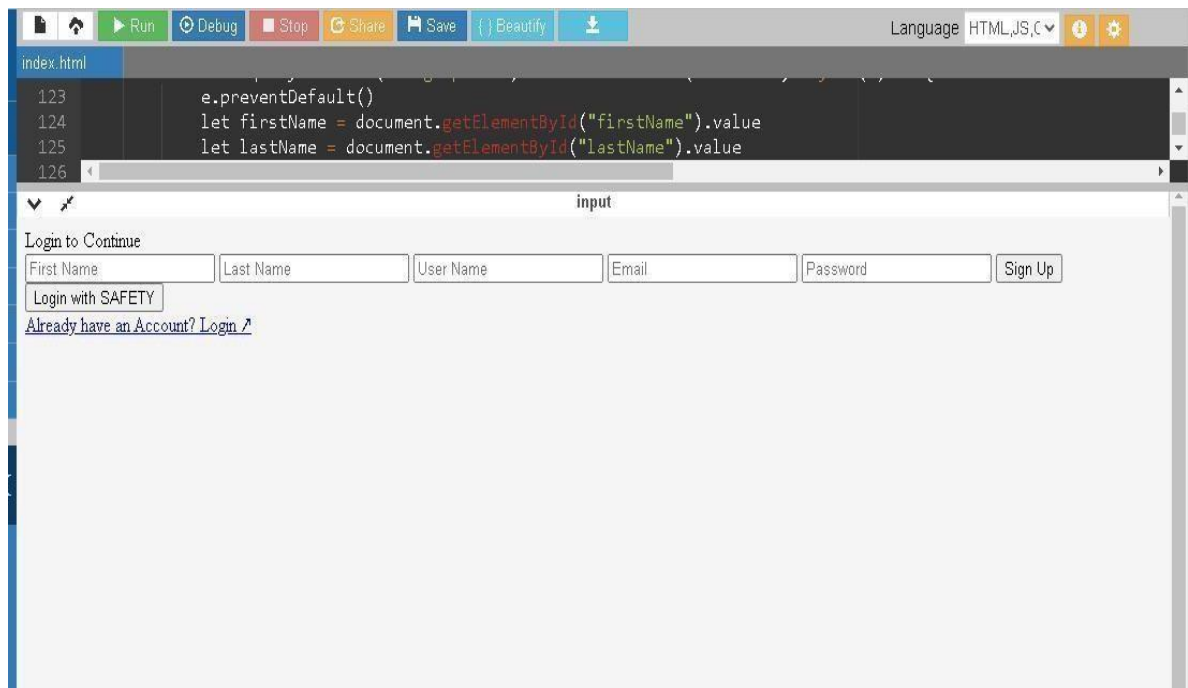
    let profilePic = `https://avatars.dicebear.com/api/adventurer-

```

```

neutral/${firstName}${lastName}.svg?backgroundColor=variant03` let data = {
    firstName, lastName, username, email, password, profilePic } await
    localStorage.setItem("userData", data) let database = await
    localStorage.getItem("userDatabase") if (database == null) {
        database = []
    }
    database.push(data) await
    localStorage.setItem("userDatabase", database)
    window.location.href = "/"
})
</script>
</body>
</html>

```



✓ CONFIRMATION EMAIL:

INDEX:

```
<!DOCTYPE html>
```

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

```
<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="/localStorage.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 = localStorage.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="
        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 

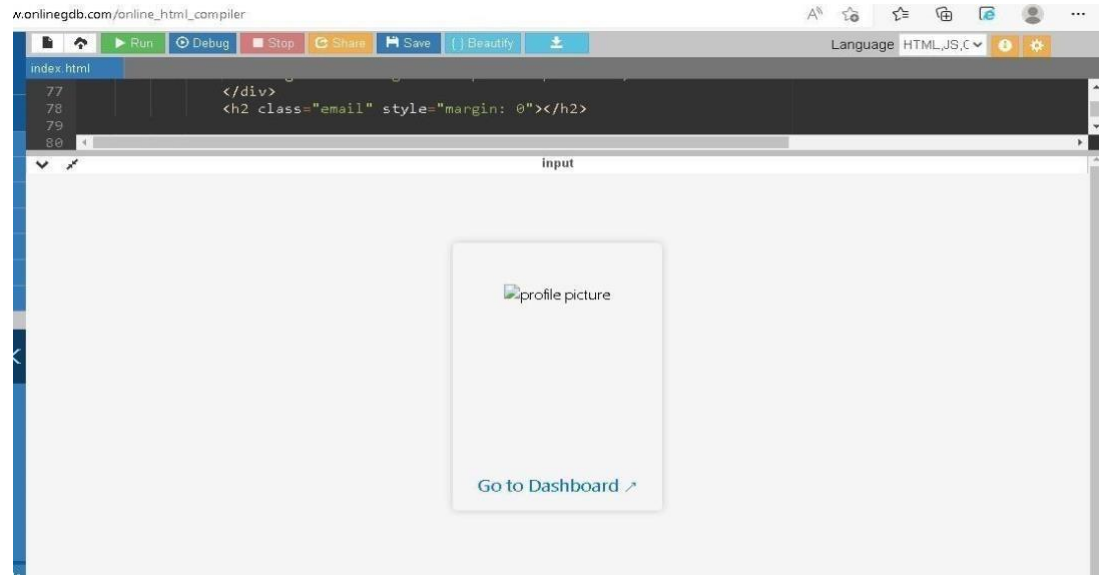
```

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){l!=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.pa

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(o){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(o){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|iPod|iPad|)/.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(o){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(/Chrome/\/(d+\/)),c=navigator.userAgent.match(/Edge/\/);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.dbReady.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(a){return
d.db=a,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
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._dbName.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._dbName.db,g=f?va.resolve(e._dbName.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]._dbName.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._dbName.db=null,g._dbName.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.delete
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._dbName.db=a,p(c._dbName)}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){},b)}));g.t
hen(function(b){o(a);var
e=0;e<d.length;e++){d[e]._dbName.db=null}return
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]._dbName)}).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("Unknown 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._dbName=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(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
e=c._dbName;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)}))}.catc
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._dbName;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._dbName;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._dbName;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._dbName;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)}),functio
n(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.stor
eName]]: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(functi
on(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_ERROR_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",_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.prototy
pe.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToBuffer:O},Wa={_driver:"webSQLStorage",
_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:_,keys:aa,dropIn
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

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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:""
,driver: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._de
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=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._wrapLibraryMethodsW
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)});

```

✓ 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=GHSAT0AAAAABR46HVJ5M5L3QGFRZRQXOISYUJUWAA" 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-

    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;
    }

    .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>

      <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
}

```

```

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=${chatRoomId}&url=${originURL}`  
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:  
    encodeURIComponent(  
        window.location.o  
        rigin)
```

```
    }
```

```
    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:

```
<!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">

    <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")

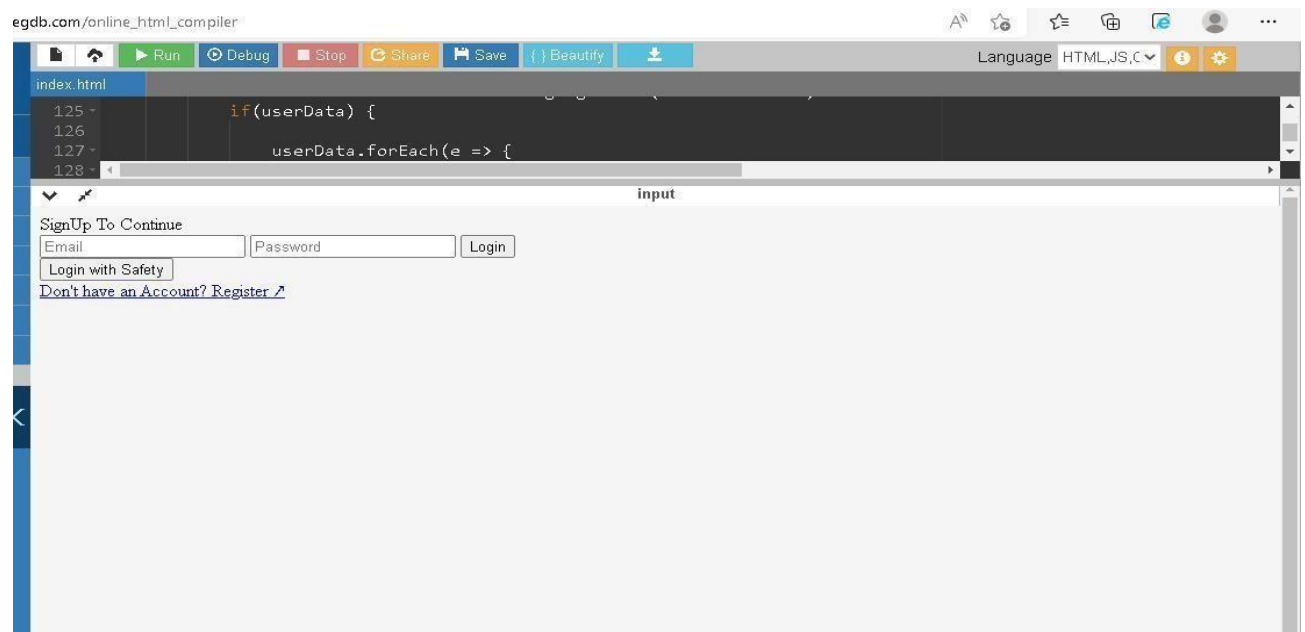
}

})

</script>

</body>
</html>

```



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;
    }

    .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;

        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: pointer;

```

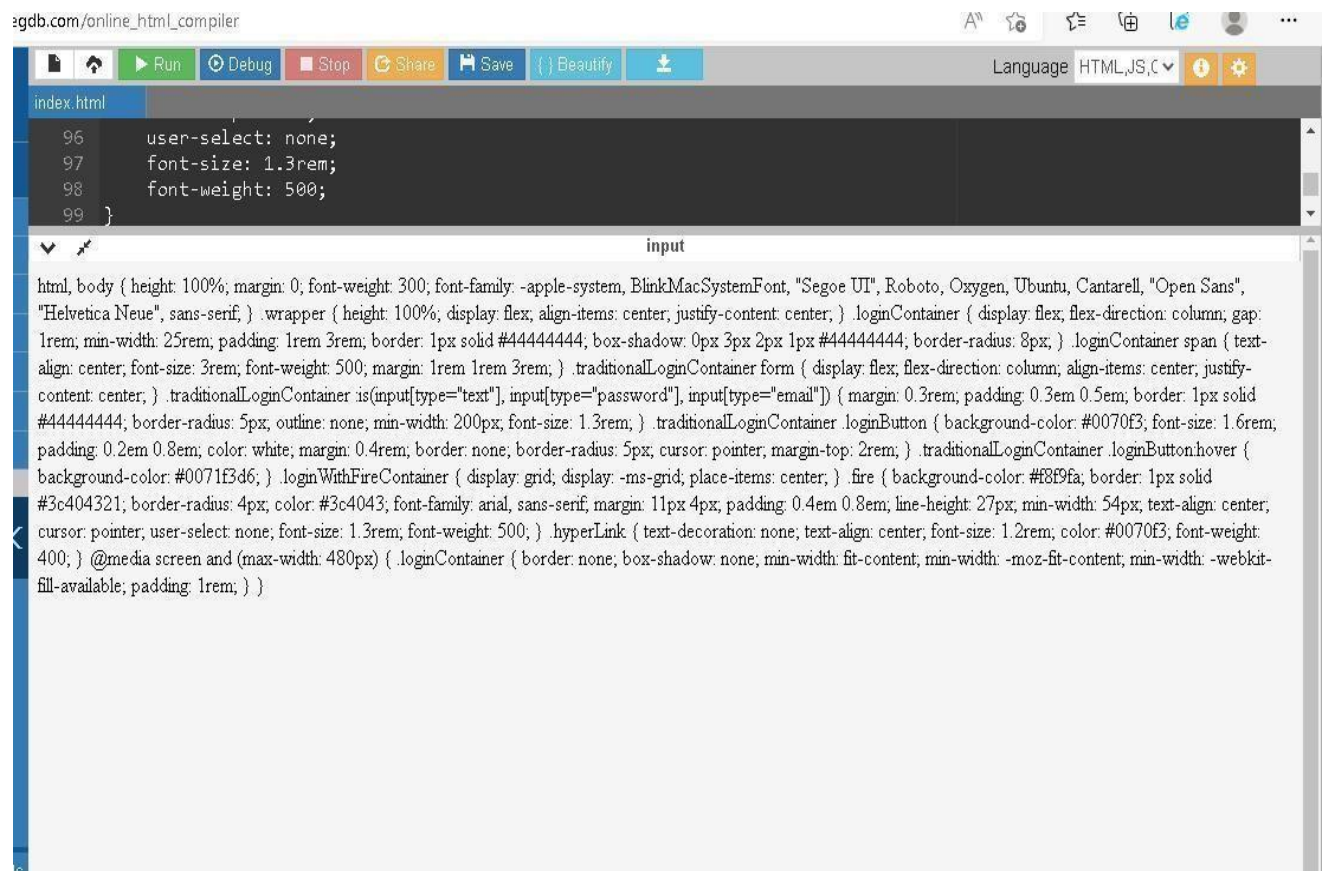
```

        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:

```
<!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>
```

```
          
```

```
        </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">
```

```
        <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 localStorage.getItem('userData') if(userData ==
        null) {
            window.location.href = "/login"
        }

        document.querySelector(".username").innerHTML = `Hello ${userData.firstName}`
        document.querySelector(".profilePic").src = userData.profilePic
    }
main()

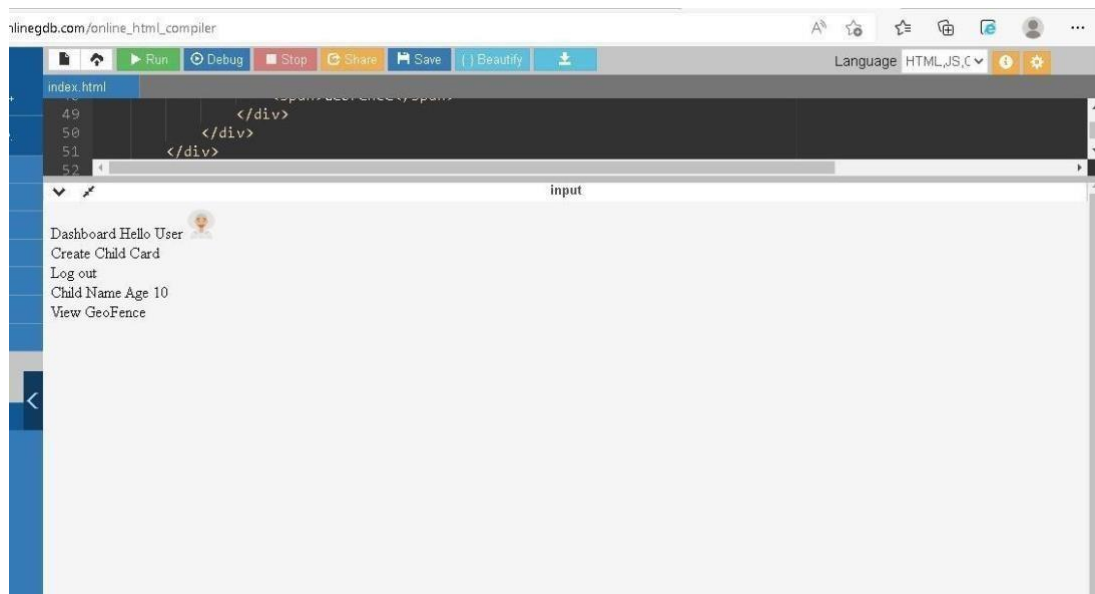
    document.querySelector(".logout").addEventListener("click", async () => { await
        localStorage.setItem('userData', null)
        window.location.href = "/login"
    })

</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;
```

```
}
```

```
.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;
}

```

