Project Development Phase SPRINT-1

Date	10 november 2022
Team ID	PNT2022TMID12711
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.p rotocol.length

          )}`

        )

      }

    }

  </script>

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

</head>

<body>

  <div class="wrapper">
```

```html
<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 ↗</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({

      tok en: data.token

    })

})

 // get the response

 const responseData = await response.json()
```

```javascript
    // 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=var

      iant03` 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>
```
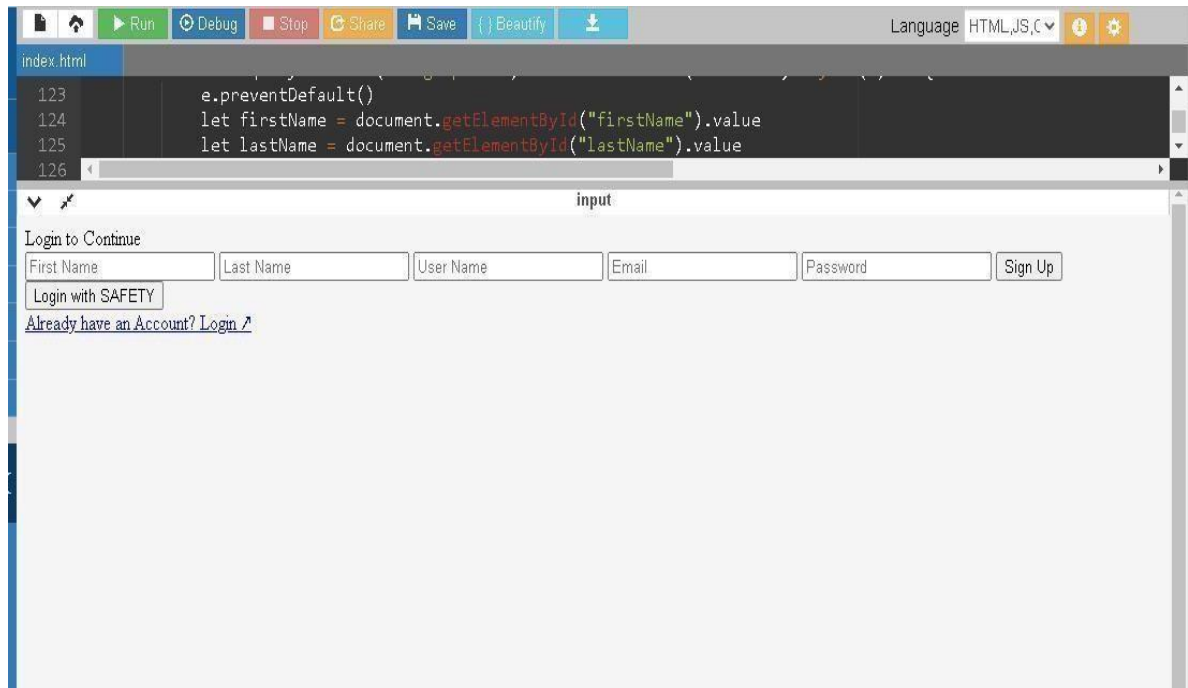
□ CONFIRMATION EMAIL:

INDEX:

<!DOCTYPE html>

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

    <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=" height:
            90%; display: flex; flex-
            direction: column;
                                    align-items: center;
                                justify-content: center;
    text-align: center;
                    "
            >
```

```html
<div
    class="deta
    ils"
    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="imageCont
                ainer"
        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>
```

```html
    </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>
```
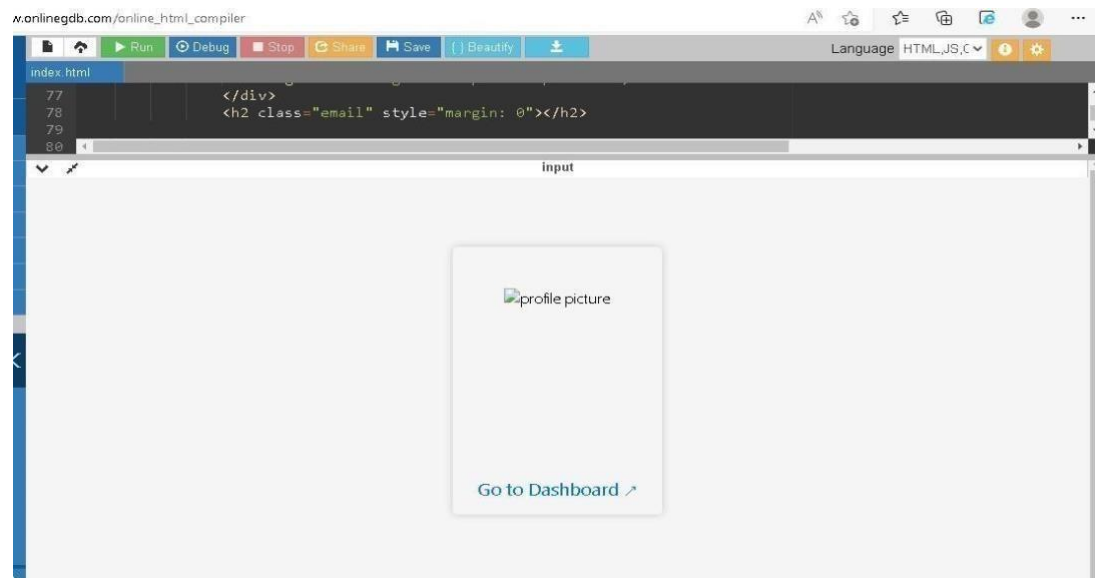
LOCALFORAGE:

```
/*!

  localForage -- Offline Storage,

  Improved Version 1.10.0

  https://localforage.github.io/localFor

  age

  (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()}}(funct

 ion(){ 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_FO

UND",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.onreadystate
change=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(){b(d,c)}var f=!1,g=j(e);"error"===g.status&&c(g.value)}function j(a,b){var c={};try{c.value=a(b),c.status="success"}catch(a){c.status="error",c.value=a}return c}function k(a){return a instanceof this?a:p.resolve(new this(d),a)}function l(a){var b=new this(d);return p.reject(b,a)}function m(a){function b(a,b){function d(a){g[b]=a,++h!==e||f||(f=!0,p.resolve(j,g))}c.resolve(a).then(d,function(a){f||(f=!0,p.reject(j,a))})}var c=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be an array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=new Array(e),h=0,i=-1,j=new this(d);++i<e;)b(a[i],i);return j}function n(a){function b(a){c.resolve(a).then(function(a){f||(f=!0,p.resolve(h,a))},function(a){f||(f=!0,p.reject(h,a))})}var c=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be an array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=-1,h=new this(d);++g<e;)b(a[g]);return h}var o=a(1),p={},q=["REJECTED"],r=["FULFILLED"],s=["PENDING"];b.exports=e,e.prototype.catch=function(a){return this.then(null,a)},e.prototype.then=function(a,b){if("function"!=typeof a&&this.state===r||"function"!=typeof b&&this.state===q)return this;var c=new this.constructor(d);if(this.state!==s){g(c,this.state===r?a:b,this.outcome)}else this.queue.push(new f(c,a,b));return c},f.prototype.callFulfilled=function(a){p.resolve(this.promise,a)},f.prototype.otherCallFulfilled=function(a){g(this.promise,this.onFulfilled,a)},f.prototype.callRejected=function(a){p.reject(this.promise,a)},f.prototype.otherCallRejected=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.length1])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.rea
dy,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
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)retur
n   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.on
abort=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.er ror)}}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=functi
on(){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.err
or)}}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=funct
ion(){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)}})}).c
atch(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);v
ar 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.res
ult.delet 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(a){c.db=a;for(var
b=0;b<d.length;b++)p(d[b]._dbInfo)}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){
}),b})})}else
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.length1)+"=":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.SYNT

AX_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)}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._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)},fun

ction(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._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)ret
urn 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)});retur
n 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,sto
reNames:[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()}).ca
tch(fu ncti
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_DOM_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=" 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.prototy
pe.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={_drive
r:"webSQLStorage",
_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,
key:_,keys:aa,dropIn
stance:ca},Xa={_driver:"localStorageWrapper",_initStorage:ha,_support:da(),iterate:ka,get
Item:ja,setItem:pa,
removeItem:oa,clear:ia,length:na,key:la,keys:ma,dropInstance:qa},Ya=function(a,b){return
a===b||"number"==typeof a&&"number"==typeof
b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(var
c=a.length,d=0;d<c;){if(Ya(a[d],b))return!0;d++}return!1},$a=Array.isArray||function(a){r
eturn"[object
Array]"===Object.prototype.toString.call(a)},_a={},ab={},bb={INDEXEDDB:Ca,WEBS
QL:Wa,LOCALSTORAGE:
Xa},cb=[bb.INDEXEDDB._driver,bb.WEBSQL._driver,bb.LOCALSTORAGE._driver],d
b=["dropInstance"],eb=["
clear","getItem","iterate","key","keys","length","removeItem","setItem"].concat(db),fb={d
escription:"",driver:
cb.slice(),name:"localforage",size:4980736,storeName:"keyvaluepairs",version:1},gb=func
tion(){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._wrapLi
braryMet 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._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.proto type.supports=function(a) {return!!ab[a]},a.prototype._extend=function(a){sa(this,a)},a.prototype._getSupport edDrivers=function(a){for(v ar 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){retu rn 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/tharunoptimuspd/firepwa/main/favicon.ico?t
oken=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-
weight:      500;
font-size:
1.2rem;

}

h3 {
font-size: 1.4rem;
}

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

}

.wrapper
{
displa
y:
```

```css
  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;
}
```
```html
</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
```

```javascript
    fetch(`${FIRE_ENDPOINT}/${FIRE_API_KEY}
 `,

      {method:    "GET",

      headers: {

        "Content-Type": "application/json",

      }

    })
  } catch (error) {

    console.log(e

    rro

    r)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,

  }))
}
```

```javascript
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("authorize

OverLink")

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()
```

```javascript
      let data = {
        sessionId, url:
        encodeURICo
        mponent(wind
        ow.location.or
        igin)

      }
      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">
```

```html
        <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
```

```javascript
            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:

```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
```

```css
        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;

}


.traditionalLoginContain

        er 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;
```

```css
    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;

}


.loginWithFireContain

    er  {   display:
```

```css
        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;

}
```

```css
.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;
  }
}
```

```
96      user-select: none;
97      font-size: 1.3rem;
98      font-weight: 500;
99  }
```

input

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; } .loginWithFireContain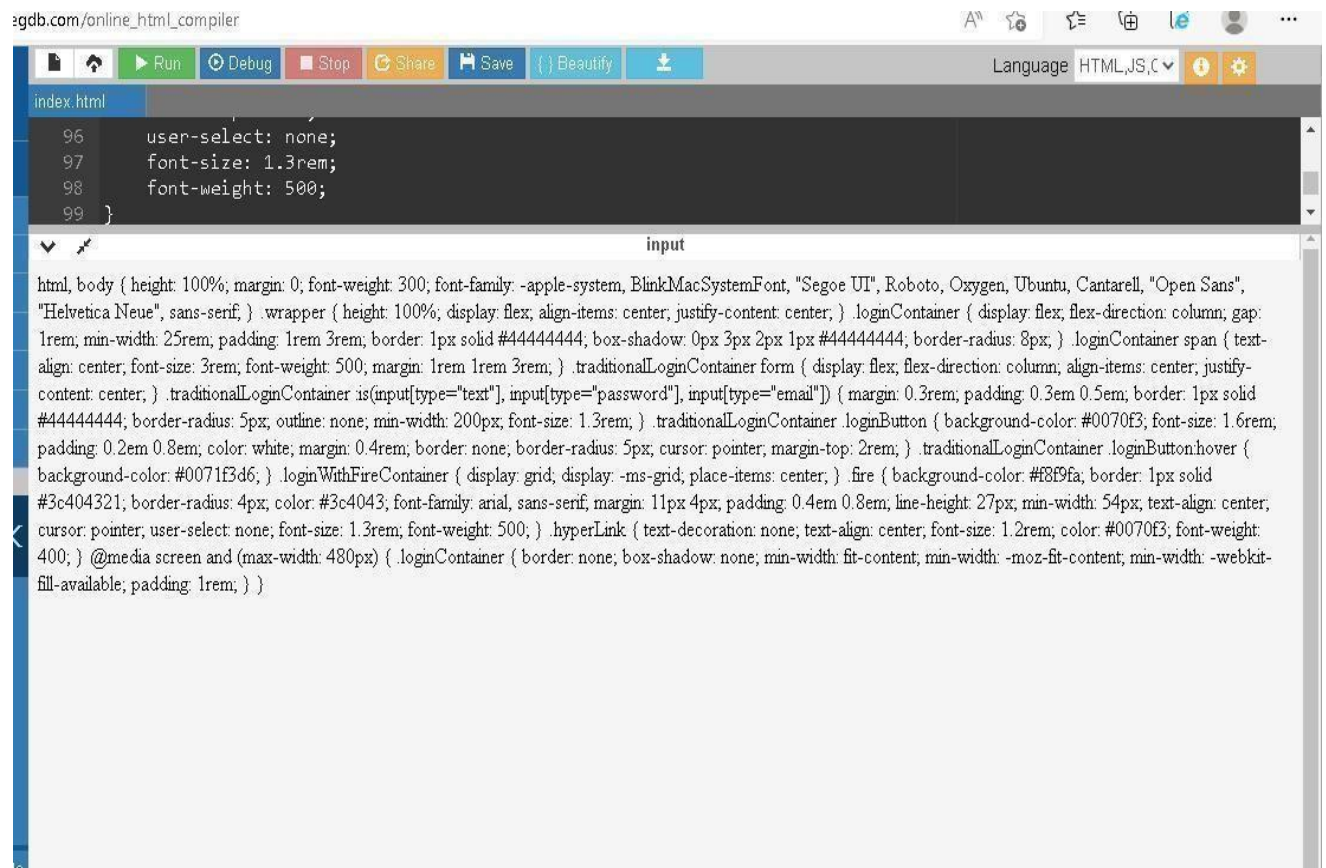er { display: grid; display: -ms-grid; place-items: center; } .fire { background-color: #f8f9fa; border: 1px solid #3c404321; border-radius: 4px; color: #3c4043; font-family: arial, sans-serif; margin: 11px 4px; padding: 0.4em 0.8em; line-height: 27px; min-width: 54px; text-align: center; cursor: pointer; 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">

      Dashboard

        Hello User

```html
      <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">
      <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.getIte
        m('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("cli
        ck", async () => { await localforage.setItem('userData',
        null) window.location.href = "/login"

        })
  </script>
</body>
</html>
```
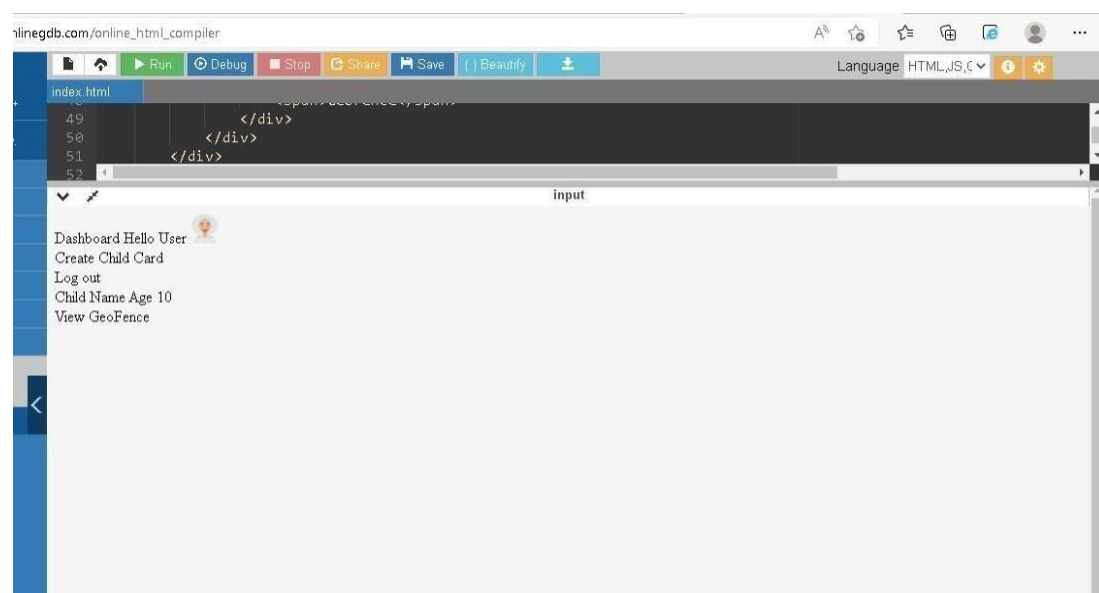
CSS:

```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

{

displa

y:

flex; flex-

direction:

column; height:

100vh; margin: 0

auto;

}
.header

{

displa

y: flex;

justify-content:   space-

between;   align-items:

center; padding: 1rem;
```

```css
  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;borderradi
  us: 12px; margin-right:
  0.5rem; cursor: pointer;
```

```css
    }

.actionCenter

  .action:hover

  {background-color:

  #0070f3;        color:

  white;

}
.childCardContain

  er {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;
```

```css
  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;
}
```

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

index.html

input

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