

## Project Development Phase SPRINT-1

Date	29 October 2022
Team ID	PNT2022TMID30639
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 ↗ </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 localStorage.setItem('userData', {...responseData, isFire: true})

// Adding the user data to the user Database

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

if (database == null) {

  database = []

}

database.push(responseData)

await localStorage.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

```

```

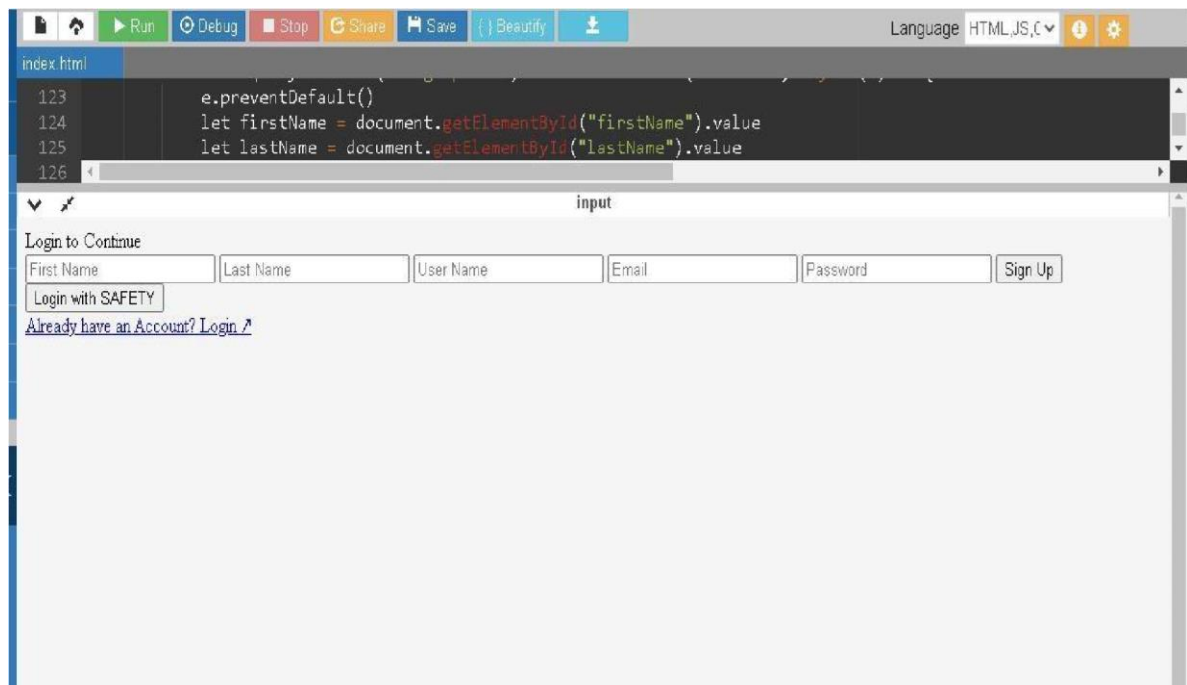
document.querySelector(".signupForm").addEventListener("submit" , async (e) => {
    e.preventDefault() let firstName = document.getElementById("firstName").value
    let lastName = document.getElementById("lastName").value let username =
    document.getElementById("username").value
    let email = 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="./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;
"
>

<div
    class="details"
    style="
        display: flex;
        flex-direction: column;
        align-items: center;
        gap: 20px; padding:
        1rem; border-radius:
        5px;

        box-shadow: 0 0 8px 0px #44444444;

max-width: 80%;
"
>
    <h1 class="name" style="margin: 0"></h1>

    <div
class="imageContainer"
        style="padding: 10px; height: 10rem; width: 10rem"
    >
        <img class="image" alt="profile picture" />
    </div>

    <h2 class="email" style="margin: 0"></h2>

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

    </div>
</div>
<script>
    async function main() {

```

```

    let name = document.querySelector(".name") let
    image = document.querySelector(".image") let email
    = document.querySelector(".email") let userData =
    await localStorage.getItem("userData") if(userData ==
    null) { window.location.href = "/login"
    }

    name.innerHTML = `Welcome ${userData.firstName} ${userData.lastName}!`
    image.src = userData.profilePic

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

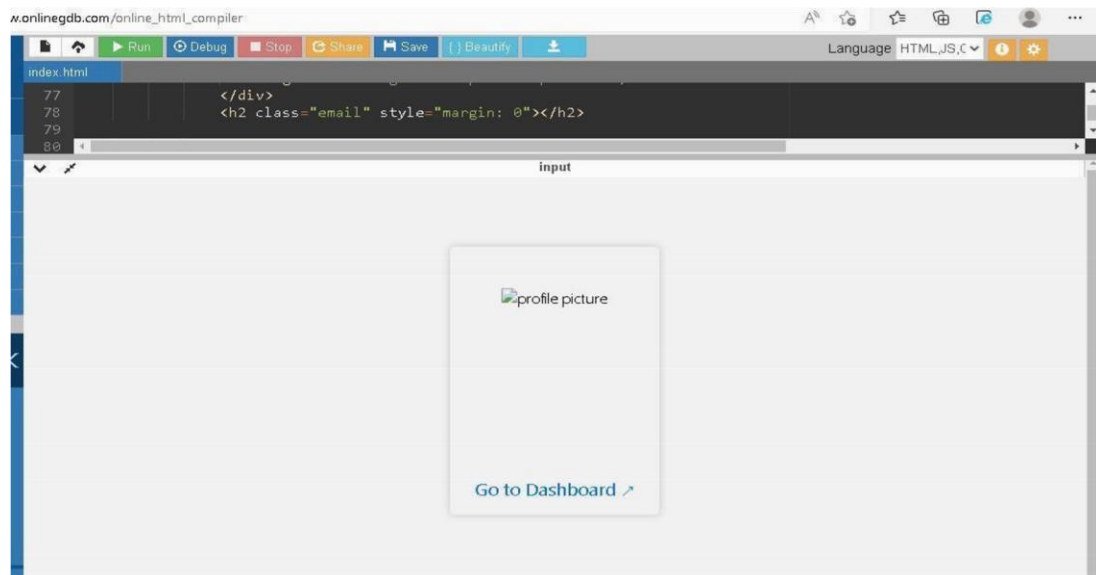
    }
    main()

</script>

</body>

</html>

```



## LOCALFORAGE:

/\*!

localForage -- Offline Storage, Improved

Version 1.10.0

<https://localforage.github.io/localForage>

(c) 2013-2017 Mozilla, Apache License 2.0

\*/

!function(a)

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

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

```

else{var b;

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

    return function a(b,c,d){
function e(g,h){if(!c[g]){if(!b[g]){

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

    if(!h&&i)return i(g,!0);if(f)return f(g,!0);

    var j=new Error("Cannot find module '"+g+"'");

    throw j.code="MODULE_NOT_FOUND",j}var k=c[g]={exports:{}};

        b[g][0].call(k.exports,function(a){            var

            c=b[g][1][a];return e(c||a),k,k.exports,a,b,c,d)} return

            c[g].exports}

    for(var f="function"==typeof require&&require,g=0;g<d.length;g++)e(d[g]);

    return e}({1:[function(a,b,c){(function(a){"use strict";

        function c(){k=!0;for(var a,b,c=l.length;c;){ for(b=l,l=[],a=-

            1;++a<c;)b[a]();c=l.length}k=!1}

            function d(a){!l.push(a)||k||e()}var

            e,f=a.MutationObserver||a.WebKitMutationObserver;

if(f){var g=0,h=new

            f(c),i=a.document.createTextNode("");h.observe(i,{characterData:!0}),e=function(){i.data=g++%2}}

            else if(a.setImmediate||void 0===a.MessageChannel)e="document"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){(function d(){function

            e(a){if("function"!typeof a)throw new TypeError("resolver must be a

            function");this.state=s,this.queue=[],this.outcome=void 0,a!==(d&&i(this,a))function

            f(a,b,c){this.promise=a,"function"==typeof

            b&&(this.onFulfilled=b,this.callFulfilled=this.otherCallFulfilled),"function"==typeof

            c&&(this.onRejected=c,this.callRejected=this.otherCallRejected)}function g(a,b,c){o(function(){var

            d;try{d=b(c)}catch(b){return p.reject(a,b)}d===a?p.reject(a,new TypeError("Cannot resolve promise with

            itself")):p.resolve(a,d))}function h(a){var b=a&&a.then;if(a&&("object"==typeof a||"function"==typeof

            a)&&"function"==typeof b)return function(){b.apply(a,arguments)}}function i(a,b){function

            c(b){f||(f=!0,p.reject(a,b))}function d(b){f||(f=!0,p.resolve(a,b))}function e(){b(d,c)}var

            f=!1,g=j(e),"error"===g.status&&c(g.value)}function j(a,b){var

            c={};try{c.value=a(b),c.status="success"}catch(a){c.status="error",c.value=a}return c}function k(a){return a

            instanceof this?a.p.resolve(new this(d,a))}function l(a){var b=new this(d);return p.reject(b,a)}function

            m(a){function b(a,b){function

            d(a){g[b]=a,++h!=e||f||(f=!0,p.resolve(j,g))}c.resolve(a).then(d,function(a){f||(f=!0,p.reject(j,a))})}var

            c=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be an

            array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=new Array(e),h=0,i=-1,j=new

            this(d);++i<e;)b(a[i],i);return j}function n(a){function

            b(a){c.resolve(a).then(function(a){f||(f=!0,p.resolve(h,a))},function(a){f||(f=!0,p.reject(h,a))})}var

            c=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be an

            array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=-1,h=new this(d);++g<e;)b(a[g]);return h}var

            o=a(1),p={},q=["REJECTED"],r=["FULFILLED"],s=["PENDING"];b.exports=e,e.prototype.catch=function(a){ret

            urn this.then(null,a),e.prototype.then=function(a,b){if("function"!typeof

            a&&this.state===r||"function"!typeof b&&this.state===q)return this;var c=new

            this.constructor(d);if(this.state===s){g(c,this.state===r?a:b,this.outcome)}else this.queue.push(new

            f(c,a,b));return

            c},f.prototype.callFulfilled=function(a){p.resolve(this.promise,a),f.prototype.otherCallFulfilled=function(a){g(

            this.promise,this.onFulfilled,a),f.prototype.callRejected=function(a){p.reject(this.promise,a),f.prototype.oth

            erCallRejected=function(a){g(this.promise,this.onRejected,a),p.resolve=function(a,b){var

            c=j(h,b);if("error"===c.status)return p.reject(a,c.value);var

```



```

value;if(d||(a,d);else{a.state=r,a.outcome=b;for(var e=
1,f=a.queue.length;++e<f;a.queue[e].callFulfilled(b))return
a},p.reject=function(a,b){a.state=q,a.outcome=b;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|iPod|iPad|Pod).test(navigator.userAgent)&&!/Chrome/.test(navigator.userAgent)
&&!/BlackBerry/.test(navigator.platform),b="function"==typeof fetch&&1!=fetch.toString().indexOf("[native
code]");return(!a||b)&&"undefined"!=typeof indexedDB&&"undefined"!=typeof
IDBKeyRange}catch(a){return 1}}function g(a,b){a=a||[],b=b||[];try{return new
Blob(a,b)}catch(f){if("TypeError"!=f.name)throw f;for(var c="undefined"!=typeof
BlobBuilder?BlobBuilder:"undefined"!=typeof MSBlobBuilder?MSBlobBuilder:"undefined"!=typeof
MozBlobBuilder?MozBlobBuilder:WebkitBlobBuilder,d=new c,e=0;e<a.length;e+=1)d.append(a[e]);return
d.getBlob(b.type)}}function h(a,b){b&&a.then(function(a){b(null,a)},function(a){b(a)})}function
i(a,b,c){"function"==typeof b&&a.then(b,"function"==typeof c&&a.catch(c))function
j(a){return"string"!=typeof a&&(console.warn(a+" used as a key, but it is not a
string."),a=String(a)),a}function k(){if(arguments.length&&"function"==typeof arguments[arguments.length-
1])return arguments[arguments.length-1]}function l(a){for(var b=a.length,c=new ArrayBuffer(b),d=new
Uint8Array(c),e=0;e<b;e++)d[e]=a.charCodeAtAt(e);return c}function m(a){return new va(function(b){var
c=a.transaction(wa,Ba),d=g([""]);c.objectStore(wa).put(d,"key"),c.onabort=function(a){a.preventDefault(),a.st
opPropagation(),b(1)},c.oncomplete=function(){var
a=navigator.userAgent.match(/ChromeV(\\d+\\/),c=navigator.userAgent.match(/EdgeV\\/);b(c)||a||parseInt(a[1],10
)}
)}>=43)}).catch(function(){return 1}))function n(a){return"boolean"==typeof
xa?va.resolve(xa):m(a).then(function(a){return xa=a})}function o(a){var b=ya[a.name],c={};c.promise=new
va(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.dbReady?b.dbReady=b.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,10)}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+"'\\ cant 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=atob(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._dbNameInfo.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._dbNameInfo.db&&(e._dbNameInfo.db.close(),e._dbNameInfo.db=null)}return a.db=null,s(a).then(function(b){return
a.db=b,u(a)?(a:b)}.then(function(d){a.db=b.db=d;for(var
e=0;e<c.length;e++)c[e]._dbNameInfo.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._dbNameInfo=d;for(var
b=0;b<j.length;b++){var e=j[b];e!=c&&(e._dbNameInfo.db=d.db,e._dbNameInfo.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._dbNameInfo,Aa,function(e,f){if(e)return d(e);try{var
q=f.objectStore(c._dbNameInfo.storeName),h=q.get(a);h.onsuccess=function(){var a=h.result;void

```

```

0===a&&(a=null),x(a)&&(a=w(a)),b(a)),h.onerror=function(){d(h.error)}}catch(a){d(a)}}).catch(d));return
h(d,b),d}function E(a,b){var c=this,d=new
va(function(b,d){c.ready().then(function(){A(c._dbInfo,Aa,function(e,f){if(e)return d(e);try{var
g=f.objectStore(c._dbInfo.storeName),h=g.openCursor(),i=1;h.onsuccess=function(){var c=h.result;if(c){var
d=c.value;x(d)&&(d=w(d));var e=a(d,c.key,i++);void 0!==e?b(e):c.continue()}else
b(),h.onerror=function(){d(h.error)}}catch(a){d(a)}}).catch(d));return h(d,b),d}function F(a,b,c){var
d=this;a=j(a);var e=new va(function(c,e){var f;d.ready().then(function(){return f=d._dbInfo,"[object
Blob]"===za.call(b)?n(f.db).then(function(a){return
a?b:v(b)}):b)).then(function(b){A(d._dbInfo,Ba,function(f,g){if(f)return e(f);try{var
h=g.objectStore(d._dbInfo.storeName);null===b&&(b=void 0);var i=h.put(b,a);g.oncomplete=function(){void
0===b&&(b=null),c(b)},g.onabort=g.onerror=function(){var
a=i.error?i.error:i.transaction.error;e(a)}}catch(a){e(a)}}).catch(e));return h(e,c),e}function G(a,b){var
c=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){A(c._dbInfo,Ba,function(e,f){if(e)return
d(e);try{var
g=f.objectStore(c._dbInfo.storeName),h=g.delete(a);f.oncomplete=function(){b()},f.onerror=function(){d(h.err
or)},f.onabort=function(){var a=h.error?h.error:h.transaction.error;d(a)}}catch(a){d(a)}}).catch(d));return
h(d,b),d}function H(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){A(b._dbInfo,Ba,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.clear();e.oncomplete=function(){a()},e.onabort=e.onerror=function(
){var a=g.error?g.error:g.transaction.error;c(a)}}catch(a){c(a)}}).catch(c));return h(c,a),c}function I(a){var
b=this,c=new va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.count();g.onsuccess=function(){a(g.result)},g.onerror=function(){c(
g.error)}}catch(a){c(a)}}).catch(c));return h(c,a),c}function J(a,b){var c=this,d=new
va(function(b,d){if(a<0)return void b(null);c.ready().then(function(){A(c._dbInfo,Aa,function(e,f){if(e)return
d(e);try{var g=f.objectStore(c._dbInfo.storeName),h=1,i=g.openKeyCursor();i.onsuccess=function(){var
c=i.result;if(!c)return void
b(null);0===a?b(c.key):h?b(c.key):(h=!0,c.advance(a)),i.onerror=function(){d(i.error)}}catch(a){d(a)}}).catch(
d));return h(d,b),d}function K(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.openKeyCursor(),h=[];g.onsuccess=function(){var
b=g.result;if(!b)return void
a(h);h.push(b.key),b.continue();g.onerror=function(){c(g.error)}}catch(a){c(a)}}).catch(c));return
h(c,a),c}function L(a,b){b=k.apply(this,arguments);var c=this.config();a="function"!==typeof
a&&a[{}],a.name||(a.name=a.name||c.name,a.storeName=a.storeName||c.storeName);var
d,e=this;if(a.name){var
f=a.name===c.name&&e._dbInfo.db,g=f?va.resolve(e._dbInfo.db):s(a).then(function(b){var
c=ya[a.name],d=c.forages;c.db=b;for(var e=0;e<d.length;e++)d[e]._dbInfo.db=b;return
b});d=a.storeName?g.then(function(b){if(b.objectStoreNames.contains(a.storeName)){var
c=b.version+1;o(a);var d=ya[a.name],e=d.forages;b.close();for(var f=0;f<e.length;f++){var
g=e[f];g._dbInfo.db=null,g._dbInfo.version=c}return new va(function(b,d){var
e=ua.open(a.name,c);e.onerror=function(a){e.result.close(),d(a)},e.onupgradeneeded=function(){e.result.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)}});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+=la):(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 la: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

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Uint8ClampedArray(f);case Na:return new Uint16Array(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._dbInfo=c,a(),function(a,b){d(b)}});return
c.serializer=Va,e}function
T(a,b,c,d,e,f){a.executeSql(c,d,e,function(a,g){g.code===g.SYNTAX_ERR?a.executeSql("SELECT name FROM
sqlite_master WHERE type='table' AND name
= ?",[b.storeName],function(a,h){h.rows.length?f(a,g):R(a,b,function(){a.executeSql(c,d,e,f),f):f(a,g),f)}fun
ction U(a,b){var c=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){var
e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT * FROM "+e.storeName+" WHERE key = ? LIMIT
1",[a],function(a,c){var
d=c.rows.length?c.rows.item(0).value:null;d&&(d=e.serializer.deserialize(d)),b(d)},function(a,b){d(b)})))).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,i){?g(i):i.db.transaction(function(c){T(c,i,"INSERT OR
REPLACE INTO "+i.storeName+" (key, value) VALUES
(?, ?)",[a,b],function(){f(h)},function(a,b){g(b)}))}),function(b){if(b.code===b.QUOTA_ERR){if(d>0)return void
f(W.apply(e,[a,h,c,d-1])),g(b)})))).catch(g)});return h(f,c,f)}function X(a,b,c){return
W.apply(this,[a,b,c,1])}function Y(a,b){var c=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){var e=c._dbInfo;e.db.transaction(function(c){T(c,e,"DELETE FROM
"+e.storeName+" WHERE key = ?",[a],function(){b(),function(a,b){d(b)})))).catch(d)});return
h(d,b,d)}function
Z(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"DELETE FROM
"+d.storeName,[],function(){a(),function(a,b){c(b)})))).catch(c)});return h(c,a,c)}function $(a){var
b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"SELECT COUNT(key) as c FROM
"+d.storeName,[],function(b,c){var d=c.rows.item(0).c;a(d),function(a,b){c(b)})))).catch(c)});return
h(c,a,c)}function _(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){var
e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT key FROM "+e.storeName+" WHERE id = ? LIMIT
1",[a+1],function(a,c){var
d=c.rows.length?c.rows.item(0).key:null;b(d)},function(a,b){d(b)})))).catch(d)});return h(d,b,d)}function
aa(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"SELECT key FROM "+d.storeName,[],function(b,c){for(var
d=[],e=0;e<c.rows.length;e++)d.push(c.rows.item(e).key);a(d),function(a,b){c(b)})))).catch(c)});return
h(c,a,c)}function ba(a){return new va(function(b,c){a.transaction(function(d){d.executeSql("SELECT name
FROM sqlite_master WHERE type='table' AND name <>
'_WebKitDatabaseInfoTable_'",[],function(c,d){for(var
e=[],f=0;f<d.rows.length;f++)e.push(d.rows.item(f).name);b({db:a,storeNames:e}),function(a,b){c(b)}),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(a){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+1)))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

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b=this,c=b.ready().then(function(){for(var a=b._dbName,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._dbName;localStorage.removeItem(b.keyPrefix+a));return h(d,b),d}function pa(a,b,c){var d=this;a=j(a);var
e=d.ready().then(function(){void 0===b&&(b=null);var c=b;return new va(function(e,f){var
g=d._dbName;g.serializer.serialize(b,function(b,d){if(d)f(d);else
try{localStorage.setItem(g.keyPrefix+a,b),e(c)}catch(a){if("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[0],la.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)&&($a[b[c]]?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}return
arguments[0]}var ta="function"===typeof Symbol&&"symbol"===typeof Symbol.iterator?function(a){return
typeof a}:function(a){return a&&"function"===typeof
Symbol&&a.constructor===Symbol&&a===Symbol.prototype?"symbol":typeof a},ua=e();"undefined"===typeof
Promise&&a(3);var va=Promise,wa="local-forage-detect-blob-support",xa=void
0,ya={},za=Object.prototype.toString,Aa="readonly",Ba="readwrite",Ca={_driver:"asyncStorage",_initStorage
:
C,_support:f(),iterate:E,getItem:D,setItem:F,removeItem:G,clear:H,length:I,key:J,keys:K,dropInstance:L,Da=
"ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local_forage_type
~~",Fa="/~~local_forage_type~([^-+~]/~",Ga="Ifsc:",Ha=Ga.length,la="arbf",Ja="blob",Ka="si08",La="ui08",
Ma="uic8",Na="si16",Oa="si32",Pa="ur16",Qa="ui32",Ra="fi32",Sa="fi64",Ta=Ha+la.length,Ua=Object.protot
y
pe.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={_driver:"webSQLStorage",
_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:_,keys:aa,dropI
n
stance:ca},Xa={_driver:"localStorageWrapper",_initStorage:ha,_support:da(),iterate:ka,getItem:ja,setItem:pa,
removeItem:oa,clear:ia,length:na,key:la,keys:ma,dropInstance:qa},Ya=function(a,b){return
a===b||"number"===typeof a&&"number"===typeof b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(var
c=a.length,d=0;d<c;d++){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._af||this.defineDriver(e)}this._defaultConfig=sa({},fb),this._config=sa({},this._de
faultConfig),this._driverSet=null,this._initDriver=null,this._ready=!1,this._dbName=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.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._dbName=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

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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.prototype.hb=new
gb;b.exports=hb},{3:3}},{}),[4])(4));

```

## ✓ AUTHENTICATION: FIREOAUTH:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

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

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

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

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

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

```

```
  <style>
```

```
    html,
```

```
    body {
```

```
      height: 100%;
```

```
margin: 0;
```

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

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

```
      font-weight: 300;
```

```
    }
```

```
    a {
```

```
      text-decoration: none;
```

```
      color: #007bff;
```

```
      font-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 #444444444; 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.origin)

    }

    data = JSON.stringify(data)
    generateQR(data)
    changeHREF({sessionId, chatRoomId})
    socket.emit("join room", sessionId)
  }

  fire()

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

    let data = {}
    data.success = true
    data.token = token

    broadCastingChannel.postMessage(data)

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

```

✓ **LOGIN:**

**HTML:**

```

<!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) {

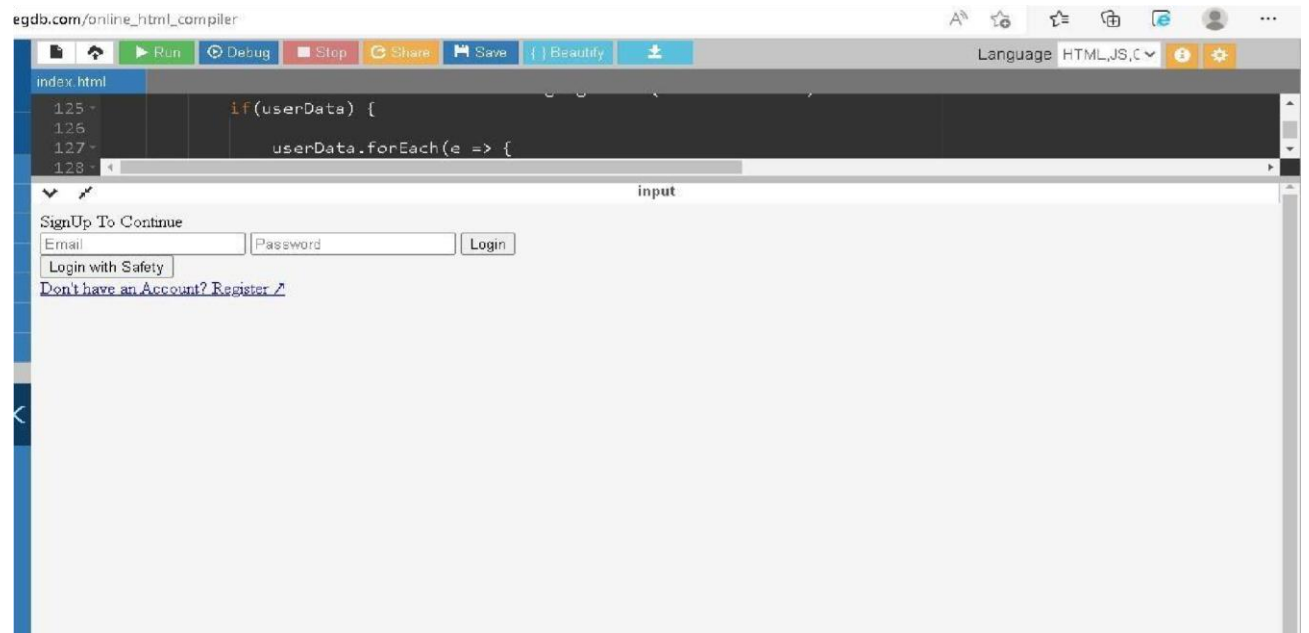
                localforage.setItem("userData", e)

                    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;
```

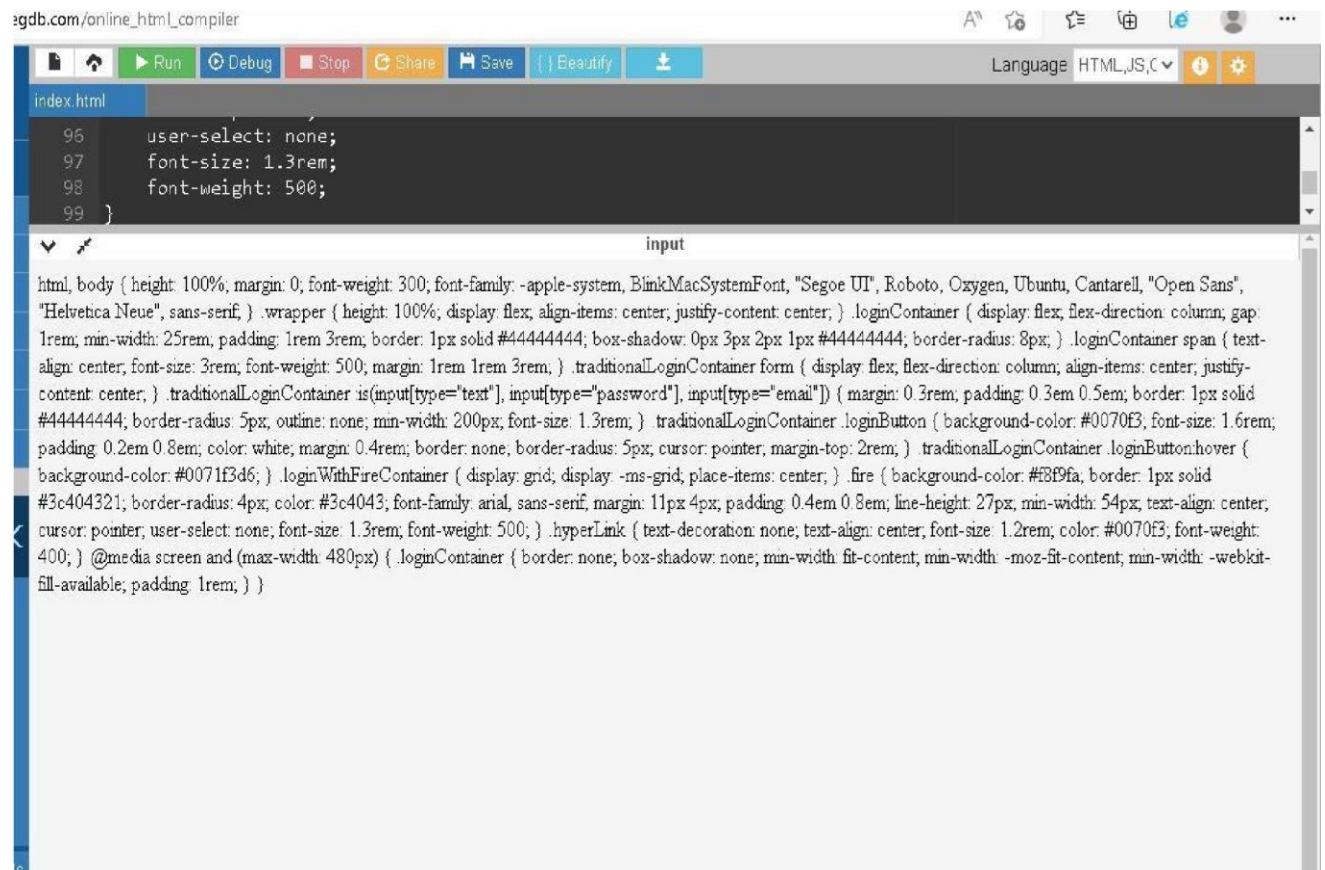
```
font-weight: 400;
```

```
}
```

```
@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()

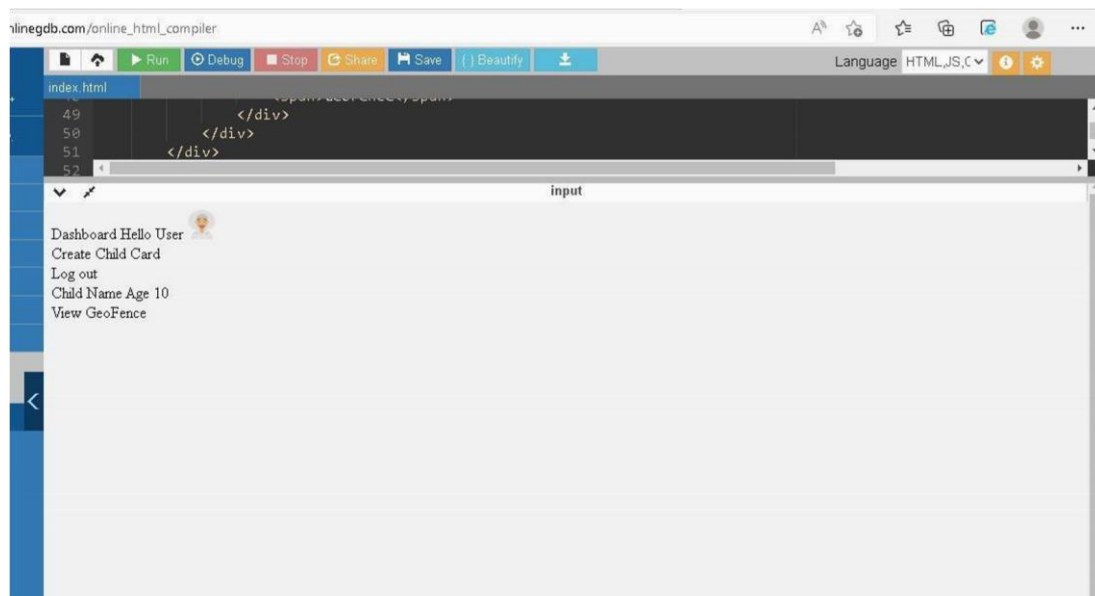
    document.querySelector(".logout").addEventListener("click", async () => {

        await localforage.setItem('userData', null)

        window.location.href = "/login"

    })
</script>
</body>
</html>

```



## CSS:

```
html, body { margin:
```

```
0;
```

```
padding: 0;
```

```
font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif;
```

```
}
```

```
.wrapper { display: flex;
```

```
flex-direction: column;
```

```
height: 100vh; margin:
```

```
0 auto;
```

```
}
```

```
.header { display: flex; justify-
```

```
content: space-between; align-
```

```
items: center;
```

```

padding: 1rem;

background-color: #f1f1f1;
}

.heading {

font-size: 1.3rem;
}

.right {

display: flex;

align-items: center;

gap: 0.5rem;
}

.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;
    }

```

   Run  Debug  Stop  Share  Save  { } Beautify Language HTML,JS,C  

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

input

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