

Project Development Phase SPRINT-1

Date	29 October 2022
Team ID	PNT2022TMID49677
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 localforage.setItem('userData', {...responseData, isFire: true})
// Adding the user data to the user Database
let database = await localforage.getItem("userDatabase") if
(database == null) {
  database = []
}
database.push(responseData)
await localforage.setItem("userDatabase", database)
// redirect to the home page window.location.href
= '/'
})
function popupwindow(url, title, w, h) {
  var left = (screen.width/2)-(w/2); var
  top = (screen.height/2)-(h/2);
  return window.open(url, title, 'toolbar=no, location=no, directories=no, status=no, menubar=no,
scrollbars=no, resizable=no, copyhistory=no, width='+w+', height='+h+', top='+top+', left='+left);
}
document.getElementById("fire").addEventListener("click", function() { popupwindow("/fireoauth.html",
  "Fire OAuth", 450, 600)
})
</script>
<script>
// this.Website's Scripts / App Logic
document.querySelector(".signupForm").addEventListener("submit" , async (e) => {
  e.preventDefault()

```

```

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

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

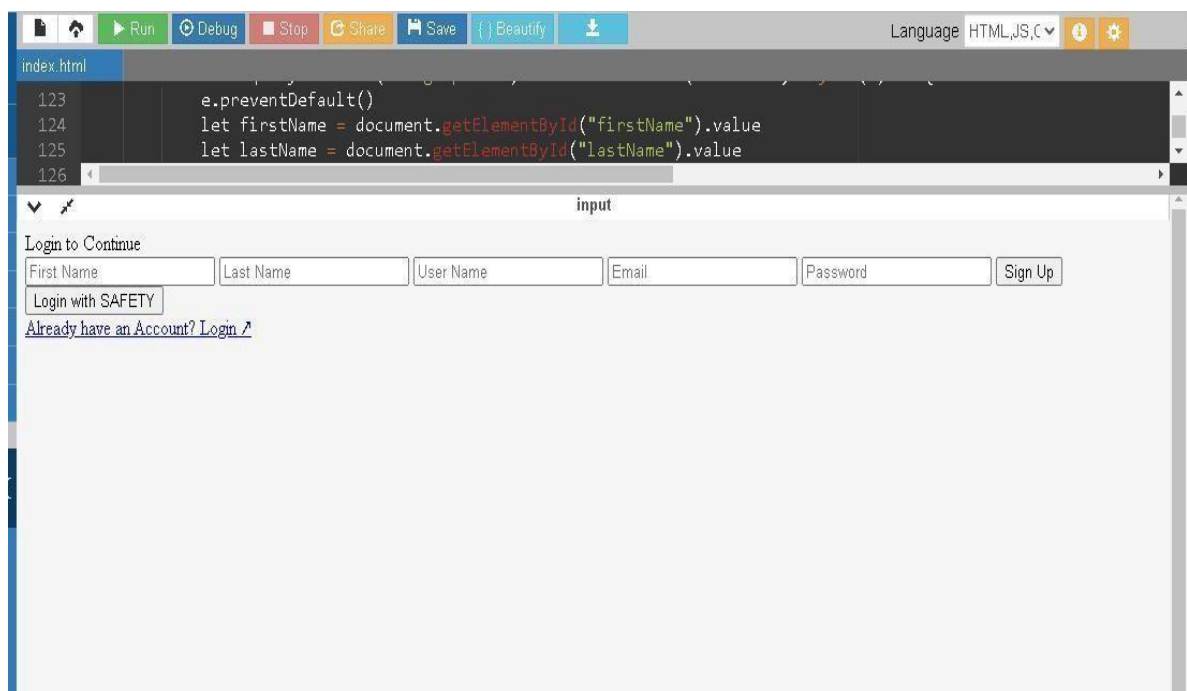
    let profilePic = `https://avatars.dicebear.com/api/adventurer-
neutral/${firstName}${lastName}.svg?backgroundColor=variant03` let data = {
    firstName, lastName, username, email, password, profilePic } await
    localStorage.setItem("userData", data) let database = await
    localStorage.getItem("userDatabase") if (database == null) {
        database = []
    }

    database.push(data) await
    localStorage.setItem("userDatabase", database)

    window.location.href = "/"

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

```



CONFIRMATION EMAIL:

INDEX:

```
<!DOCTYPE html>
```

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

```

<head>

    <meta charset="UTF-8" />

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

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

<script src="./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

```

```

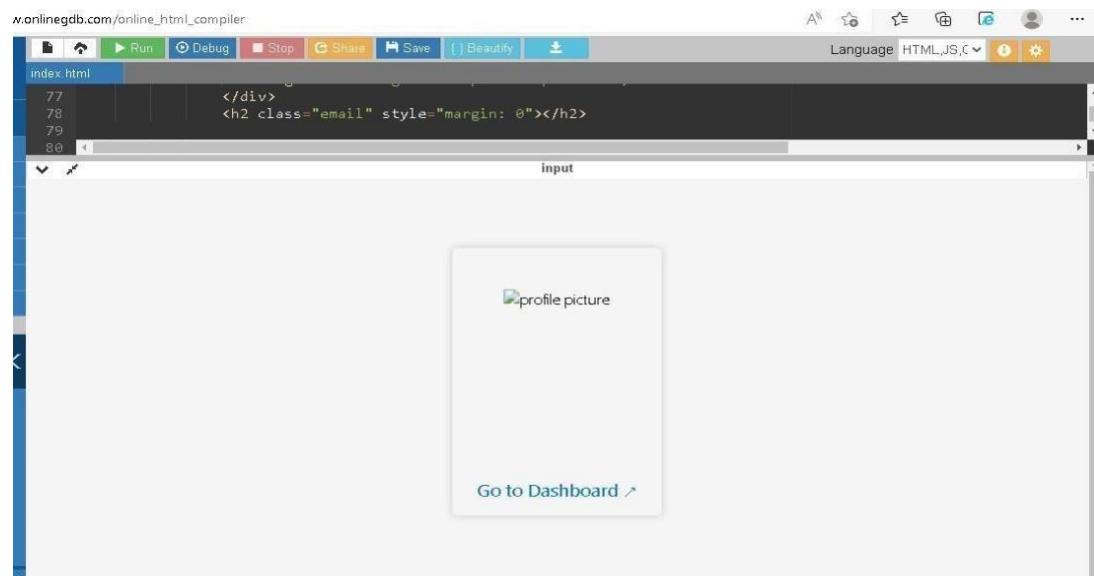
        email = document.querySelector(".email") let
        userData = await localStorage.getItem("userData")
        if(userData == null) { window.location.href = "/login"
        }
        name.innerHTML = `Welcome ${userData.firstName} ${userData.lastName}!` image.src
        = userData.profilePic
        email.innerHTML = `Your email is: <a style="text-decoration: none;color: #0072B5;"
href="mailto:${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){1!==l.push(a)||k||e()}var

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

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

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

        else if(a.setImmediate||void 0===a.MessageChannel)e="document"in

a&&"onreadystatechange"in      a.document.createElement("script"?function(){var

b=a.document.createElement("script");b.onreadystatechange=function(){c(),b.onreadystatechange=null,b.p

a

rentNode.removeChild(b),b=null},a.document.documentElement.appendChild(b)}:function(){setTimeout(c,0

);  else{var  j=new  a.MessageChannel;j.port1.onmessage=c,e=function(){j.port2.postMessage(0)}}var

k,l=[];b.exports=d}).call(this,"undefined"!==typeof global?global:"undefined"!==typeof

self?self:"undefined"!==typeof window?window:{}),{}],2:[function(a,b,c){"use strict";function d(){function

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

f(c,a,b));return

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

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

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

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

d=c.value;if(d)i(a,d);else{a.state=r,a.outcome=b;for(var

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

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 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).test(navigator.userAgent)&&!/Chrome/.test(navigator.userAgent
)&&!/BlackBerry/.test(navigator.platform),b="function"==typeof fetch&&-
1!=fetch.toString().indexOf("[native
code");return(!a||b)&&"undefined"!=typeof indexedDB&&"undefined"!=typeof
IDBKeyRange}catch(a){return!1}}function g(a,b){a=a||[],b=b||{};try{return new
Blob(a,b)}catch(f){if("TypeError"!=f.name)throw f;for(var c="undefined"!=typeof
BlobBuilder?BlobBuilder:"undefined"!=typeof MSBlobBuilder?MSBlobBuilder:"undefined"!=typeof
MozBlobBuilder?MozBlobBuilder:WebkitBlobBuilder,d=new c,e=0;e<a.length;e+=1)d.append(a[e]);return
d.getBlob(b.type)}}function h(a,b){b&&a.then(function(a){b(null,a)},function(a){b(a)})}function
i(a,b,c){"function"==typeof b&&a.then(b),"function"==typeof c&&a.catch(c)}function
j(a){return"string"!=typeof a&&(console.warn(a+" used as a key, but it is not a
string."),a=String(a)),a}function k(){if(arguments.length&&"function"==typeof arguments[arguments.length-
1])return arguments[arguments.length-1]}function l(a){for(var b=a.length,c=new ArrayBuffer(b),d=new
Uint8Array(c),e=0;e<b;e++)d[e]=a.charCodeAt(e);return c}function m(a){return new va(function(b){var
c=a.transaction(wa,Ba),d=g([""]);c.objectStore(wa).put(d,"key"),c.onabort=function(a){a.preventDefault(),a.st
opPropagation(),b(!1)},c.oncomplete=function(){var
a=navigator.userAgent.match(/ChromeV(\d+)/),c=navigator.userAgent.match(/EdgeV/);b(c?!a||parseInt(a[1],10
)>=43)}}).catch(function(){return!1})}function n(a){return"boolean"==typeof
xa?va.resolve(xa):m(a).then(function(a){return xa=a})}function o(a){var b=ya[a.name],c={};c.promise=new
va(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.dbReady?b.dbReady=b.dbRead
y.then(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=la.db.objectStoreNames.contains(a.storeName),b.oldVersion<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._dbName.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._dbName.db&&(e._dbName.db.close(),e._dbName.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]._dbName.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._dbName=d;for(var
b=0;b<j.length;b++){var e=j[b];e!=c&&(e._dbName.db=d.db,e._dbName.version=d.version)}})}function
D(a,b){var c=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){A(c._dbName,Aa,function(e,f){if(e)return d(e);try{var

```

```

g=f.objectStore(c._dbName.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._dbName,Aa,function(e,f){if(e)return
d(e);try{var
g=f.objectStore(c._dbName.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._dbName,"object
Blob"]===za.call(b)?n(f.db).then(function(a){return
a?b:v(b)):b}).then(function(b){A(d._dbName,Ba,function(f,g){if(f)return e(f);try{var
h=g.objectStore(d._dbName.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._dbName,Ba,function(e,f){if(e)return
d(e);try{var
g=f.objectStore(c._dbName.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._dbName,Ba,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbName.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._dbName,Aa,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbName.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._dbName,Aa,function(e,f){if(e)return
d(e);try{var g=f.objectStore(c._dbName.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._dbName,Aa,function(d,e){if(d)return c(d);try{var
f=e.objectStore(b._dbName.storeName),g=f.openKeyCursor(),h=[];g.onsuccess=function(){var
b=g.result;if(!b)return void
a(h);h.push(b.key),b.continue();g.onerror=function(){c(g.error)}}catch(a){c(a)}}).catch(c));return
h(c,a),c}function L(a,b){b=k.apply(this,arguments);var c=this.config;a="function"!==typeof
a&&a|[],a.name||[a.name=a.name|c.name,a.storeName=a.storeName|c.storeName];var
d,e=this;if(a.name){var
f=a.name===c.name&&e._dbName.db,g=f?va.resolve(e._dbName.db):s(a).then(function(b){var
c=ya[a.name],d=c.forages;c.db=b;for(var e=0;e<d.length;e++)d[e]._dbName.db=b;return
b});d=a.storeName?g.then(function(b){if(b.objectStoreNames.contains(a.storeName)){var
c=b.version+1;o(a);var d=ya[a.name],e=d.forages;b.close();for(var f=0;f<e.length;f++){var
g=e[f];g._dbName.db=null,g._dbName.version=c}return new va(function(b,d){var
e=ua.open(a.name,c);e.onerror=function(a){e.result.close(),d(a)},e.onupgradeneeded=function(){e.result.dele
teObjectStore(a.storeName)},e.onsuccess=function(){var
a=e.result;a.close(),b(a)}).then(function(a){d.db=a;for(var b=0;b<e.length;b++){var
c=e[b];c._dbName.db=a,p(c._dbName)}}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){},b)}
));g.t
hen(function(b){o(a);var
c=ya[a.name],d=c.forages;b.close();for(var
e=0;e<d.length;e++){d[e]._dbName.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]._dbName)}}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){},b)}))}els
e d=va.reject("Invalid arguments");return h(d,b),d}function M(){return "function"===typeof
openDatabase}function N(a){var b,c,d,e,f,g=.75*a.length,h=a.length,i=0;"="===a[a.length-1]&&(g--
,"="===a[a.length-2]&&(g--);var j=new ArrayBuffer(g),k=new
Uint8Array(j);for(b=0;b<h;b+=4)c=Da.indexOf(a[b]),d=Da.indexOf(a[b+1]),e=Da.indexOf(a[b+2]),f=Da.indexOf(
a[b+3]),k[i++]=(c<<2|d>>4,k[i++]=(15&d)<<4|e>>2,k[i++]=(3&e)<<6|63&f;return j}function O(a){var b,c=new
Uint8Array(a),d="";for(b=0;b<c.length;b+=3)d+=Da[c[b]>>2],d+=Da[(3&c[b])<<4|c[b+1]>>4],d+=Da[(15&c[b+1]
)<<2|c[b+2]>>6],d+=Da[63&c[b+2]];return c.length%3==2?d=d.substring(0,d.length-
1)+"=":"c.length%3==1&&(d=d.substring(0,d.length-2)+"="),d}function P(a,b){var
c="";if(a&&(c=Ua.call(a)),a&&("[object ArrayBuffer]"===c||a.buffer&&"[object
ArrayBuffer]"===Ua.call(a.buffer)))var d,e=Ga;a instanceof ArrayBuffer?(d=a,e+=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:

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",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
Uint8ClampedArray(f);case Na:return new Int16Array(f);case Pa:return new Uint16Array(f);case Oa:return
new Int32Array(f);case Qa:return new Uint32Array(f);case Ra:return new Float32Array(f);case Sa:return new
Float64Array(f);default:throw new Error("Unkown type: "+d)}}function R(a,b,c,d){a.executeSql("CREATE
TABLE IF NOT EXISTS "+b.storeName+" (id INTEGER PRIMARY KEY, key unique, value)",[],c,d)}function
S(a){var b=this,c={db:null};if(a){for(var d in a)c[d]="string"!==typeof a[d]?a[d].toString():a[d];var e=new
va(function(a,d){try{c.db=openDatabase(c.name,String(c.version),c.description,c.size)}catch(a){return
d(a)}c.db.transaction(function(e){R(e,c,function(){b._dbInfo=c,a()},function(a,b){d(b)}),d)});return
c.serializer=Va,e}function
T(a,b,c,d,e,f){a.executeSql(c,d,e,function(a,g){g.code===g.SYNTAX_ERR?a.executeSql("SELECT name FROM
sqlite_master WHERE type='table' AND name
= '"+b.storeName+"',function(a,h){h.rows.length?f(a,g):R(a,b,function(){a.executeSql(c,d,e,f),f(f(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)})))).cat
c h(d)});return h(d,b),d}function V(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){var
e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT * FROM '"+e.storeName,[],function(c,d){for(var
f=d.rows,g=f.length,h=0;h<g;h++){var i=f.item(h),j=i.value;if(j&&(j=e.serializer.deserialize(j)),void
0!==(j=a(j,i.key,h+1)))return void b(j)}b(),function(a,b){d(b)})))).catch(d)});return h(d,b),d}function
W(a,b,c,d){var e=this;a=j(a);var f=new va(function(f,g){e.ready().then(function(){void 0===b&&(b=null);var
h=b,i=e._dbInfo;i.serializer.serialize(b,function(b,j){j?g(j):i.db.transaction(function(c){T(c,i,"INSERT OR
REPLACE INTO '"+i.storeName+" (key, value) VALUES
(?, ?)',[a,b],function(){f(h),function(a,b){g(b)}),function(b){if(b.code===b.QUOTA_ERR){if(d>0)return void
f(W.apply(e,[a,h,c,d-1]));g(b)})))).catch(g)});return h(f,c),f}function X(a,b,c){return
W.apply(this,[a,b,c,1])}function Y(a,b){var c=this;a=j(a);var d=new
va(function(b,d){c.ready().then(function(){var e=c._dbInfo;e.db.transaction(function(c){T(c,e,"DELETE FROM
 '"+e.storeName+" WHERE key = ?',[a],function(){b(),function(a,b){d(b)})))).catch(d)});return h(d,b),d}function
Z(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"DELETE FROM
 '"+d.storeName,[],function(){a(),function(a,b){c(b)})))).catch(c)});return h(c,a),c}function $(a){var
b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"SELECT COUNT(key) as c FROM
 '"+d.storeName,[],function(b,c){var d=c.rows.item(0).c;a(d),function(a,b){c(b)})))).catch(c)});return
h(c,a),c}function _(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){var
e=c._dbInfo;e.db.transaction(function(c){T(c,e,"SELECT key FROM '"+e.storeName+" WHERE id = ? LIMIT
1",[a+1],function(a,c){var
d=c.rows.length?c.rows.item(0).key:null;b(d)},function(a,b){d(b)})))).catch(d)});return h(d,b),d}function
aa(a){var b=this,c=new va(function(a,c){b.ready().then(function(){var
d=b._dbInfo;d.db.transaction(function(b){T(b,d,"SELECT key FROM '"+d.storeName,[],function(b,c){for(var
d=[],e=0;e<c.rows.length;e++){d.push(c.rows.item(e).key);a(d),function(a,b){c(b)})))).catch(c)});return
h(c,a),c}function ba(a){return new va(function(b,c){a.transaction(function(d){d.executeSql("SELECT name
FROM sqlite_master WHERE type='table' AND name <> '
WebkitDatabaseInfoTable","",[],function(c,d){for(var
e=[],f=0;f<d.rows.length;f++){e.push(d.rows.item(f).name);b({db:a.storeNames:e}),function(a,b){c(b)}),funct
io n(a){c(a)}))}function ca(a,b){b=k.apply(this,arguments);var c=this.config();a="function"!==typeof
a&&a[0],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.st
or eName]}:ba(d))).then(function(a){return new va(function(b,c){a.db.transaction(function(d){function
e(a){return new va(function(b,c){d.executeSql("DROP TABLE IF EXISTS
 '"+a,[],function(){b(),function(a,b){c(b)}))})for(var
f=[],g=0,h=a.storeNames.length;g<h;g++){f.push(e(a.storeNames[g]));va.all(f).then(function(){b()}).catch(functi
on(a){c(a)}),function(a){c(a)}))):va.reject("Invalid arguments"),h(d,b),d}function
da(){try{return"undefined"!==typeof localStorage&&"setItem"in
localStorage&&!!localStorage.setItem}catch(a){return!1}}function ea(a,b){var c=a.name+"/";return
a.storeName!==b.storeName&&(c+=a.storeName+"/"),c}function fa(){var
a="_localforage_support_test";try{return
localStorage.setItem(a,1),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

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0!==(j=a(j,i.substring(e),g++))return      }));return      h(d,b),d}function      la(a,b){var
c=this,d=c.ready().then(function(){var
b,d=c._dblInfo;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._dblInfo,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._dblInfo;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._dblInfo;g.serializer.serialize(b,function(b,d){if(d)f(d);else
try{localStorage.setItem(g.keyPrefix+a,b,e(c)}catch(a){!a.name&&"NS_ERRO
R_DO      M_QUOTA_REACHED"!==a.name||f(a,f(a))});return      h(e,c),e}function
qa(a,b){if(b=k.apply(this,arguments),a="function"!==typeof a&&a||{},{,a.name){var
c=this.config();a.name=a.name||c.name,a.storeName=a.storeName||c.storeName}var d,e=this;return
d=a.name?new va(function(b){b(a.storeName?ea(a,e._defaultConfig):a.name+"/")}).then(function(a){for(var
b=localStorage.length-1;b>=0;b--){var
c=localStorage.key(b);0===c.indexOf(a)&&localStorage.removeItem(c))}:va.reject("Invalid
arguments"),h(d,b),d}function ra(a,b){a[b]=function(){var c=arguments;return
a.ready().then(function(){return a[b].apply(a,c))}}function sa(){for(var a=1;a<arguments.length;a++){var
b=arguments[a];if(b)for(var c in
b)b.hasOwnProperty(c)&&($a(b[c])?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}return
arguments[0]}var ta="function"!==typeof Symbol&&"symbol"!==typeof Symbol.iterator?function(a){return
typeof a}:function(a){return a&&"function"!==typeof
Symbol&&a.constructor===Symbol&&a!==Symbol.prototype?"symbol":typeof
a},ua=e();"undefined"!==typeof
Promise&&a(3);var va=Promise,wa="local-forage-detect-blob-support",xa=void
0,ya={},za=Object.prototype.toString,Aa="readonly",Ba="readwrite",Ca={_driver:"asyncStorage",_initStorag
e:
C,_support:f(),iterate:E,getItem:D,setItem:F,removeItem:G,clear:H,length:I,key:J,keys:K,dropInstance:L,Da=
"ABCDEFGHJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local_forage_type
~",Fa="/^~~local_forage_type~/([~+])~/,Ga="_lfsc:~",Ha=Ga.length,Ia="arbf",Ja="blob",Ka="si08",La="ui08",
Ma="uic8",Na="si16",Oa="si32",Pa="ur16",Qa="ui32",Ra="fl32",Sa="fl64",Ta=Ha+Ia.length,Ua=Object.protot
y
pe.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={_driver:"webSQLStorage"
,
_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:_,keys:aa,dropI
n
stance:ca},Xa={_driver:"localStorageWrapper",_initStorage:ha,_support:da(),iterate:ka,getItem:ja,setItem:pa
,removeItem:oa,clear:ia,length:na,key:la,keys:ma,dropInstance:qa},Ya=function(a,b){return
a===b||"number"===typeof a&&"number"===typeof b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(var
c=a.length,d=0;d<c;){if(Ya(a[d],b))return!0;d++}return!1},$a=Array.isArray||function(a){return"[object
Array]"===Object.prototype.toString.call(a)},_a={},ab={},bb={INDEXEDDB:Ca,WEBSQL:Wa,LOCALSTORAGE
:
Xa},cb=[bb.INDEXEDDB._driver,bb.WEBSQL._driver,bb.LOCALSTORAGE._driver],db=["dropInstance"],eb=[
"
clear","getItem","iterate","key","keys","length","removeItem","setItem"].concat(db),fb={description:"",drive
r:cb.slice(),name:"localforage",size:4980736,storeName:"keyvaluepairs",version:1},gb=function(){function
a(b){d(this,a);for(var c in bb)if(bb.hasOwnProperty(c)){var
e=bb[c],f=e._driver;this[c]=f,_a[f]||this.defineDriver(e)}this._defaultConfig=sa({},fb),this._config=sa({},this._d
e
faultConfig,b),this._driverSet=null,this._initDriver=null,this._ready=!1,this._dblInfo=null,this._wrapLibraryMet
hodsWithReady(),this.setDriver(this._config.driver).catch(function(){})}return
a.prototype.config=function(a){if("object"===void 0===a?"undefined":ta(a)){if(this._ready)return new
Error("Can't call config() after localforage has been used.");for(var b in
a){if("storeName"===b&&(a[b]=a[b].replace(/\\W/g,"_")),"version"===b&&"number"!==typeof a[b])return new
Error("Database version must be a number.");this._config[b]=a[b]}return!("driver"in
a&&a.driver)||this.setDriver(this._config.driver)}return"string"===typeof
a?this._config[a]:this._config},a.prototype.defineDriver=function(a,b,c){var d=new va(function(b,c){try{var
d=a._driver,e=new Error("Custom driver not compliant; see
https://mozilla.github.io/localForage/#definedriver");if(!a._driver)return void c(e);for(var
f=eb.concat("_initStorage"),g=0,i=f.length;g<i;g++){var j=f[g];if(!Za(db,j)||a[j])&&"function"!==typeof a[j])return
void c(e)}(function(){for(var b=function(a){return function(){var b=new Error("Method "+a+" is not
implemented by the current driver"),c=va.reject(b);return h(c,arguments[arguments.length-
1]),c},c=0,d=db.length;c<d;c++){var e=db[c];a[e]||(a[e]=b(e))}})();var
k=function(c){_a[d]&&console.info("Redefining LocalForage driver: "+d),_a[d]=a,ab[d]=c,b();}"_support"in
a?a._support&&"function"===typeof
a._support?a._support().then(k,c):k(!a._support):k(!0)}catch(a){c(a)});return
i(d,b,c),d},a.prototype.driver=function(){return this._driver||null},a.prototype.getDriver=function(a,b,c){var
d=_a[a]?va.resolve(_a[a]):va.reject(new      Error("Driver      not      found."));return

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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._dblInfo=null,g._ready=null,g._driver(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._dblInfo=null,g._ready=null,g._driver(a).then(function(a){g._driver=a._driver,d(),g._wrapLibraryMethods
WithReady(),g._initDriver=f(h)})).catch(function(){d();var a=new Error("No available storage method
found.");return
g._driverSet=va.reject(a),g._driverSet}),i(this._driverSet,b,c),this._driverSet),a.prototype.supports=function(
a)
{return!!ab[a]},a.prototype._extend=function(a){sa(this,a)},a.prototype._getSupportedDrivers=function(a){for
( var b=[],c=0,d=a.length;c<d;c++){var e=a[c];this.supports(e)&&b.push(e)}return
b},a.prototype._wrapLibraryMethodsWithReady=function(){for(var
a=0,b=eb.length;a<b;a++)ra(this,eb[a]),a.prototype.createInstance=function(b){return new a(b)},a(),hb=new
gb;b.exports=hb},{3:3}},{},[4])(4)});

```

AUTHENTICATION:

FIREOAUTH:

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

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

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

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

```
<style>
```

```
html,
```

```
body {
```

```
height: 100%;
```

```
margin: 0;
```

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

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

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

```
}
```

```
a {
```

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

```
color: #007bff; font-
```

```
weight: 500; font-size:
1.2rem;
}
```

```
h3 {
font-size: 1.4rem;
}
```

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

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

```
.oneClickSignin { padding:
0.5rem; border: 1px solid
#44444444; border-radius:
5px;
box-shadow: 0 0 3px 0px #44444444;
opacity: 0.2;
pointer-events: none;
}
```

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

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

```

.qrHolder { display:
    none;
    margin-top: 3rem;
}

.qrContainer {
    align-items: center;
    display: flex; justify-
    content: center;
    padding: 8px;
    margin: 2rem auto;
    box-shadow: 0 0px 6px 1px rgb(0 0 0 /
    16%); border: 1px solid #44444444; border-
    radius: 6px; width: 200px;
    height: 200px;
}
</style>
<title>Fire OAuth</title>
<script>
    if (window.location.hostname !== "localhost") { if
    (location.protocol !== "https:") {
        location.replace(
            `https:${location.href.substring(
                location.protocol.length
            )}`
        )
    }
    }
</script>
</head>
<body>
    <div class="wrapper">
        <h3 class="pageTitle">Login with SAFETY</h3>
        <div class="qrAuthorize">
            <h4 class="subTitle">Scan QR from your Fire OAuth App </h4>

```

```

<div class="qrContainer">

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

</div>

</div>

<div class="oneClickSignin">

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

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

</div>

<div class="learnAboutFire">

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

</div>

</div>

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

<script src="https://cdnjs.cloudflare.com/ajax/libs/socket.io/4.2.0/socket.io.js"></script>

<script>

    const FIRE_API_KEY = "635b790a3bcc6b59c4b772d0"

    const FIRE_ENDPOINT = "https://fire.adaptable.app/api/apis/generate"

    const    CHANNEL_NAME    =    "fireOAuthChannel"    const

    broadCastingChannel = new BroadcastChannel(CHANNEL_NAME) const

    FIRE_SERVER_SOCKET_ENDPOINT = "https://fire.adaptable.app" let

    socket = io(FIRE_SERVER_SOCKET_ENDPOINT)

    let qr

    let qrcode = document.querySelector(".qrcode")

    let oneClickSignin = document.querySelector(".oneClickSignin") let

    pageTitle = document.querySelector(".pageTitle")

    let subTitle = document.querySelector(".subTitle")

    function setOpacity(opacity) { oneClickSignin.style.opacity = opacity

        oneClickSignin.style.pointerEvents = opacity === "1" ? "auto" : "none"

        qrcode.style.opacity = opacity

    }

```



```

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

    let data = await response.json()
    let { sessionId, chatRoomId } = data return
    { sessionId, chatRoomId }
}

```

```

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

```

```

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

```

```

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

```

```

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

```

```

if(sessionId === undefined || chatRoomId === undefined || sessionId === null || chatRoomId === null) {
    pageTitle.innerHTML = "Something went wrong " subTitle.innerHTML = "Please try again later "
    return
}

setOpacity("1")

NProgress.done()
let data = { sessionId,
    url:
        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) {

```

```

        localStorage.setItem("userData", e)    flag    =    true

        window.location.href = "/"

    }

}

})

    } else {
alert("User Not Found")

    }

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

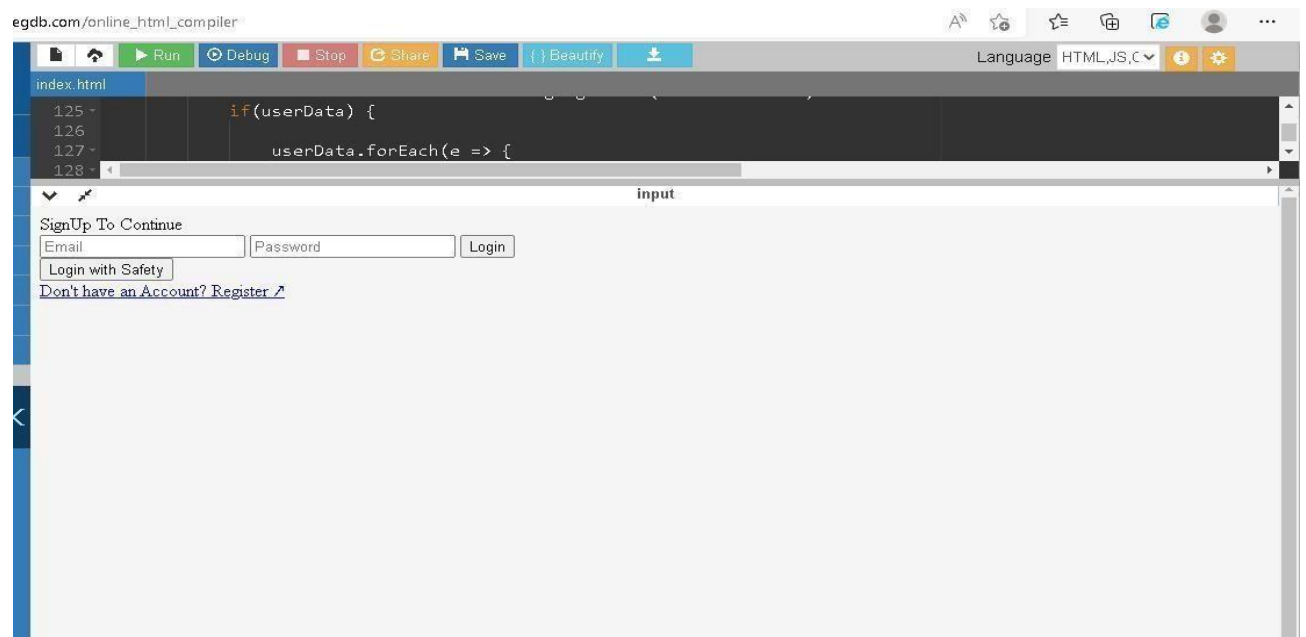
        }

    })

</script>

</body>
</html>

```



CSS:

```

html,

body {

    height: 100%;

margin: 0;
font-weight: 300;

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

}

```

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

```
.loginContainer {  
display: flex;  
  
    flex-direction: column; gap:  
    1rem; min-width: 25rem;  
    padding: 1rem 3rem; border:  
    1px solid #44444444; box-  
    shadow: 0px 3px 2px 1px  
    #44444444;  
  
    border-radius: 8px;  
}
```

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

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

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

```

        min-width: 200px; font-
        size: 1.3rem;
    }

    .traditionalLoginContainer .loginButton {
        background-color: #0070f3;
        font-size: 1.6rem; padding:
        0.2em 0.8em;
        color: white;
        margin: 0.4rem;
        border: none;
        border-radius:
        5px;
        cursor: pointer;
margin-top: 2rem;
    }

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

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

    .fire {
        background-color: #f8f9fa; border:
        1px solid #3c404321; border-
        radius: 4px;
        color: #3c4043;
font-family: arial, sans-serif;

        margin: 11px 4px;
        padding: 0.4em 0.8em;
        line-height: 27px;

        min-width: 54px; text-
        align: center; cursor:

```



```

        pointer; user-select:
        none; font-size: 1.3rem;

        font-weight: 500;
    }

```

```

.hyperLink {

    text-decoration: none;

    text-align: center; font-size:
    1.2rem; color: #0070f3; font-
    weight: 400;
}

```

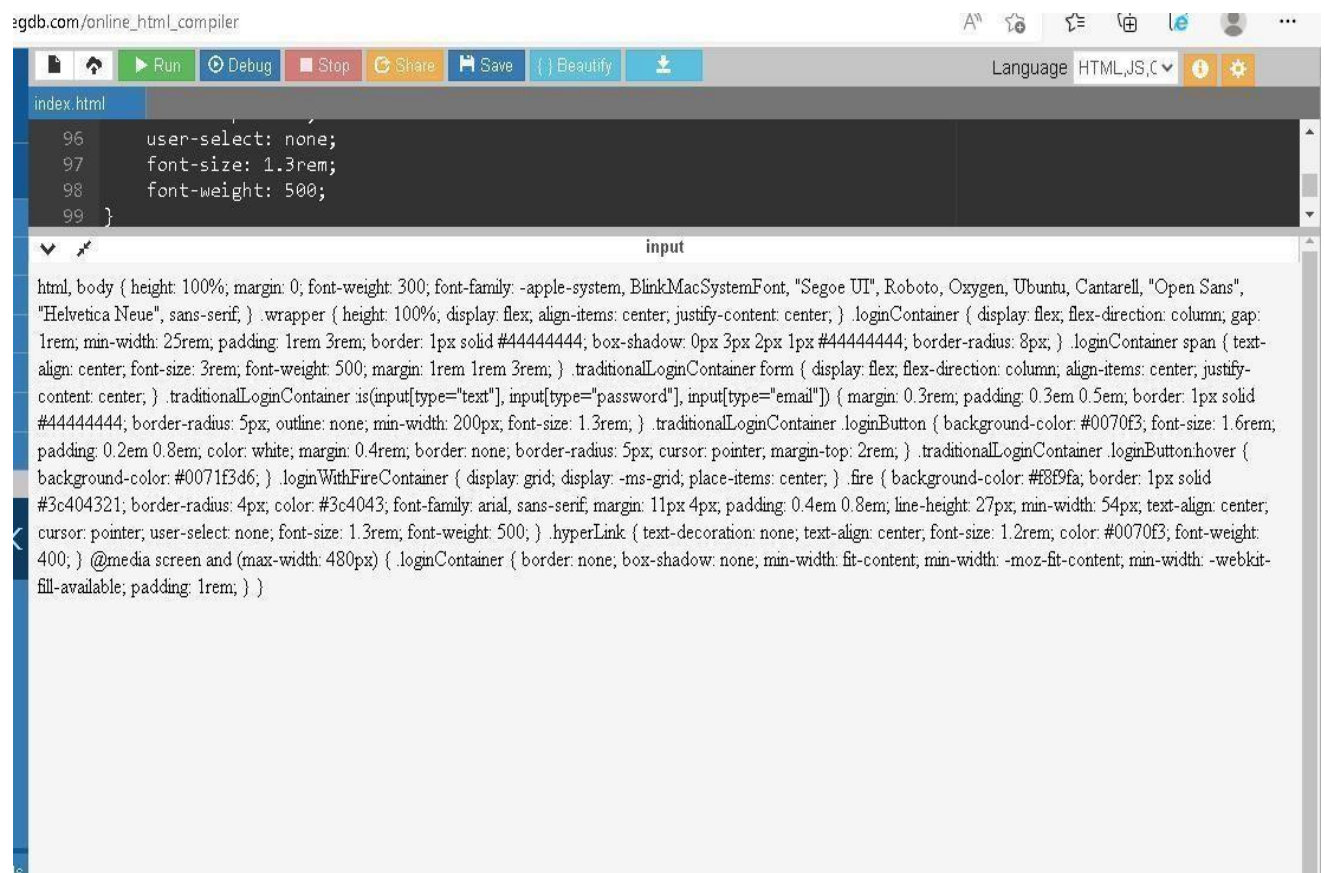
```

@media screen and (max-width: 480px) { .loginContainer { border: none; box-shadow: none;

    min-width: fit-content; min-
    width: -moz-fit-content; min-
    width: -webkit-fill-available;

    padding: 1rem;
}
}

```



DASHBOARD:

HTML:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

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

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

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

</head>

<body>

  <div class="wrapper">

    <div class="header">

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

      <span class="right">

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

        <span>

          </span>

        </span>

      </div>

      <div class="actionCenter">

        <div class="action">

          <span>Create Child Card</span>

        </div>

        <div class="action">

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

        </div>

      </div>

      <div class="childCardContainer">

        <div class="childCard">
```

```

        <div class="childCardHeader">

            <span>Child Name</span>

            <span>Age 12</span>

        </div>

        <div class="actions">

            <span>View</span>

            <span>GeoFence</span>

        </div>

    </div>

</div>

</div>

<script>

    async function main() {
        let userData = await localStorage.getItem('userData') if(userData
        == null) {
            window.location.href = "/login"
        }

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

    main()

    document.querySelector(".logout").addEventListener("click", async () => { await
        localStorage.setItem('userData', null)

        window.location.href = "/login"

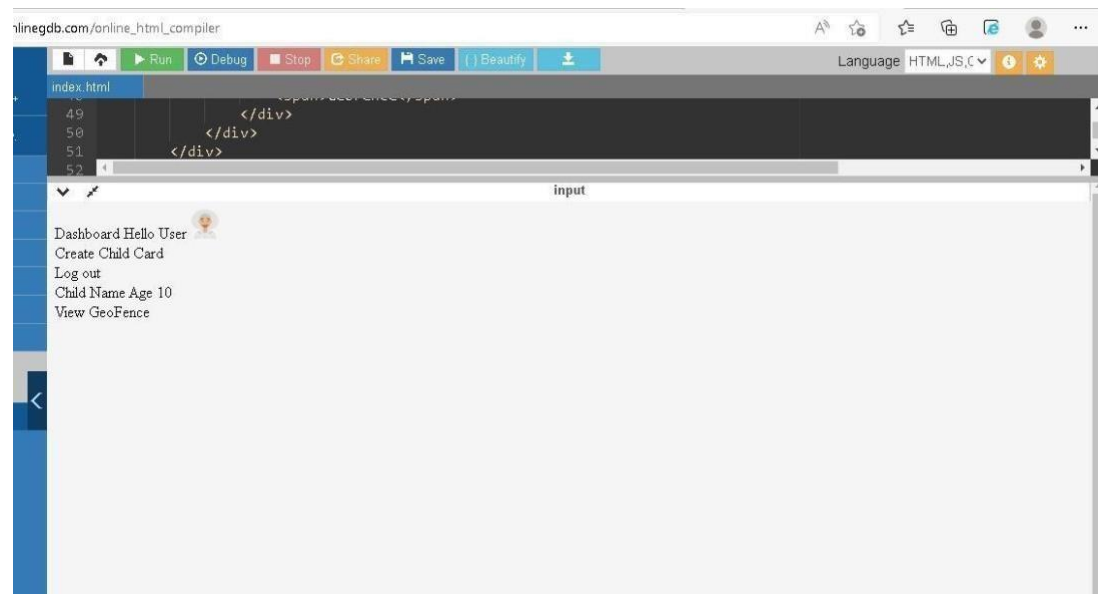
    })

</script>

</body>

</html>

```



CSS:

html, body { margin:

0;

padding: 0;

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

}

.wrapper {

display: flex; flex-

direction: column; height:

100vh; margin: 0 auto;

}

.header { display: flex; justify-

content: space-between; align-

items: center; padding: 1rem;

background-color: #f1f1f1;

}

.heading {

font-size: 1.3rem;

}

.right {

display: flex;

align-items: center; gap:

0.5rem;

```
}
```

```
.actionCenter {  
  display: flex; justify-  
  content: flex-end; align-  
  items: center; gap:  
  1rem; padding: 0.5rem  
  0;  
}
```

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

```
.actionCenter .action:hover {  
  background-color:  
  #0070f3; color: white;  
}  
.childCardContainer {  
  display: flex; flex-  
  wrap: wrap; padding:  
  0.5rem 1rem;  
}
```

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

```
.childCardContainer .childCard .childCardHeader {  
  display: flex;  
  gap: 3rem;
```

```
margin: 0.1rem 0.1rem 0.8rem; padding:
1rem 0.8rem 0;
}
```

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

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

