# Project Development Phase SPRINT-1

|  |  |
| --- | --- |
| Date | 27 October 2022 |
| TeamID | PNT2022TMID03213 |
| ProjectName | IOT Based Safety Gadget for Child Safety Monitoring & Notification |

# LOCALFORAGE:

/\*!

localForage -- Offline Storage, ImprovedVersion 1.10.0https://localforage.github.io/localFo rage

(c)2013-2017Mozilla,ApacheLicense2.0

\*/

!function(a)

{if("object"==typeof exports&&"undefined"!=typeof module)module.exports=a();elseif("function"==typeofdefine&&define.amd)defin e([],a);

else{varb;

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

returnfunctiona(b,c,d){ functione(g,h){if(!c[g]){if(!b[g]){ var i="function"==typeof

require&&require;if(!h&&i)returni(g,!0);if(f)r eturn f(g,!0);

varj=newError("Cannotfindmodule'"+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";

functionc(){k=!0;for(vara,b,c=l.length;c;){ for(b=l,l=[],a=- 1;++a<c;)b[a]();c=l.length}k=!1}functiond(a){1!==l.p

ush(a)||k||e()}var e,f=a.MutationObserver||a.WebKitMutationObserver;

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

else if(a.setImmediate||void 0===a.MessageChannel)e="document"ina&&"onreadystatechange"in a.document.createElement("script")?function(){varb=a.document.createElement("script");b.onreadystatechan ge=function(){c(),b.onreadystatechange=null,b.parentNode.removeChild(b),b=null},a.document.documentElemen t.appendChild(b)}:function(){setTimeout(c,0)};else{var j=new a.MessageChannel;j.port1.onmessage=c,e=function(){j.port2.postMessage(0)}}vark,l=[];b.exports=d}).call(t his,"undefined"!=typeof global?global:"undefined"!=typeofself?self:"undefined"!=typeof window?window:{})},{}],2:[function(a,b,c){"use strict";function d(){}functione(a){if("function"!=typeof a)throw new TypeError("resolver must be afunction");this.state=s,this.queue=[],this.outcome=void 0,a!==d&&i(this,a)}functionf(a,b,c){this.promise=a,"function"==typeofb&&(this.onFulfilled=b,this.callFulfille d=this.otherCallFulfilled),"function"==typeofc&&(this.onRejected=c,this.callRejected=this.otherCallRejecte d)}function g(a,b,c){o(function(){vard;try{d=b(c)}catch(b){return p.reject(a,b)}d===a?p.reject(a,new TypeError("Cannot resolve promise withitself")):p.resolve(a,d)})}function h(a){var b=a&&a.then;if(a&&("object"==typeof a||"function"==typeofa)&&"function"==typeof b)return function(){b.apply(a,arguments)}}function i(a,b){functionc(b){f||(f=!0,p.reject(a,b))}function d(b){f||(f=!0,p.resolve(a,b))}function e(){b(d,c)}varf=!1,g=j(e);"error"===g.status&&c(g.value)}function j(a,b){varc={};try{c.value=a(b),c.status="success"}catch(a){c.status="error",c.value=a}return c}function k(a){return ainstanceof this?a:p.resolve(new this(d),a)}function l(a){var b=new this(d);return p.reject(b,a)}functionm(a){function b(a,b){functiond(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))

})}varc=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be anarray"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=new Array(e),h=0,i=- 1,j=newthis(d);++i<e;)b(a[i],i);return j}function n(a){functionb(a){c.resolve(a).then(function(a){f||(f=!0,p.resolve(h,a))},function(a){f||(f=!0,p.reject(h,a))})}varc

=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new TypeError("must be anarray"));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}varo=a(1),p={},q=["REJECTED"],r=["FULFILLED"],s=["PENDING"];b.exports=e,e.prototype.catch=function(a){r et

urn this.then(null,a)},e.prototype.then=function(a,b){if("function"!=typeofa&&this.state===r||"function"!=typeof b&&this.state===q)return this;var c=newthis.constructor(d);if(this.state!==s){g(c,this.state===r?a:b,this.outcome)}else this.queue.push(newf(c,a,b));returnc},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(th is.promise,a)},f.prototype.otherCallRejected=function(a){g(this.promise,this.onRejected,a)},p.resolve=functio n(a,b){varc=j(h,b);if("error"===c.status)return p.reject(a,c.value);vard=c.value;if(d)i(a,d);else{a.state=r,a.outcome=b;for(var e=- 1,f=a.queue.length;++e<f;)a.queue[e].callFulfilled(b)}returna},p.reject=function(a,b){a.state=q,a.outcome=b;f or(varc=- 1,d=a.queue.length;++c<d;)a.queue[c].callRejected(b);returna},e.resolve=k,e.reject=l,e.all=m,e.race=n},{1:1}],3:[ function(a,b,c){(function(b){"use strict";"function"!=typeofb.Promise&&(b.Promise=a(2))}).call(this,"undefined"!=typeof global?global:"undefined"!=typeofself?self:"undefined"!=typeof window?window:{})},{2:2}],4:[function(a,b,c){"use strict";function d(a,b){if(!(ainstanceof b))throw new TypeError("Cannot call a class as a function")}functione(){try{if("undefined"!=typeof indexedDB)return indexedDB;if("undefined"!=typeof webkitIndexedDB)returnwebkitIndexedDB;if("undefined"!=typeof mozIndexedDB)return mozIndexedDB;if("undefined"!=typeofOIndexedDB)return OIndexedDB;if("undefined"!=typeof msIndexedDB)returnmsIndexedDB}catch(a){return}}functionf(){try{if(!ua||!ua.open)return!1;vara="undefined

"!=typeof

openDatabase&&/(Safari|iPhone|iPad|iPod)/.test(navigator.userAgent)&&!/Chrome/.test(navigator.userAgent)&&!/ BlackBerry/.test(navigator.platform),b="function"==typeoffetch&&- 1!==fetch.toString().indexOf("[nativecode");return(!a||b)&&"undefined"!=typeof indexedDB&&"undefined"!=typeofIDBKeyRange}catch(a){return!1}}function g(a,b){a=a||[],b=b||{};try{return newBlob(a,b)}catch(f){if("TypeError"!==f.name)throw f;for(var c="undefined"!=typeofBlobBuilder?BlobBuilder:"undefined"!=typeof MSBlobBuilder?MSBlobBuilder:"undefined"!=typeofMozBlobBuilder?MozBlobBuilder:WebKitBlobBuilder,d= new c,e=0;e<a.length;e+=1)d.append(a[e]);returnd.getBlob(b.type)}}function h(a,b){b&&a.then(function(a){b(null,a)},function(a){b(a)})}functioni(a,b,c){"function"==typeof b&&a.then(b),"function"==typeof c&&a.catch(c)}functionj(a){return"string"!=typeof a&&(console.warn(a+" used as a key, but it is not astring."),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=newUint8Array(c),e=0;e<b;e++)d[e]=a.charCodeAt(e);return c}function m(a){return new va(function(b){varc=a.transaction(wa,Ba),d=g([""]);c.objectStore(wa).put(d,"key"),c.onabort=function(a){a.pre ventDefault(),a.stopPropagation(),b(!1)},c.oncomplete=function(){vara=navigator.userAgent.match(/Chrome\/(\d

+)/),c=navigator.userAgent.match(/Edge\//);b(c||!a||parseInt(a[1],10)

>=43)}}).catch(function(){return!1})}function n(a){return"boolean"==typeofxa?va.resolve(xa):m(a).then(function(a){return xa=a})}function o(a){var b=ya[a.name],c={};c.promise=newva(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.dbR eady?b.dbReady=b.dbReady.then(function(){return c.promise}):b.dbReady=c.promise}function p(a){varb=ya[a.name],c=b.deferredOperations.pop();if(c)return c.resolve(),c.promise}function q( a,b){varc=ya[a.name],d=c.deferredOperations.pop();if(d)return d.reject(b),d.promise}function r(a,b){return newva(function(c,d){if(ya[a.name]=ya[a.name]||B(),a.db){if(!b)return

c(a.db);o(a),a.db.close()}vare=[a.name];b&&e.push(a.version);var f=ua.open.apply(ua,e);b&&(f.onupgradeneeded=function(b){varc=f.result;try{c.createObjectStore(a.storeNam e),b.oldVersion<=1&&c.createObjectStore(wa)}catch(c){if("ConstraintError"!==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+'" alreadyexists.')}}),f.onerror=function(a){a.preventDefault(),d(f.error)},f.onsuccess=function(){varb=f.result;b

.onversionchange=function(a){a.target.close()},c(b),p(a)}})}function s(a){return r(a,!1)}functiont(a){return r(a,!0)}function u(a,b){if(!a.db)return!0;varc=!a.db.objectStoreNames.contains(a.storeName),d=a.version<a.db.version,e=a.versi on>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){varf=a.db.version+1;f>a.version&&(a.version=f)}return!0

}return!1}function v(a){return new va(function(b,c){vard=newFileReader;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)})}fu nctionw(a){returng([l(atob(a.data))],{type:a.type})}functionx(a){return

a&&a. local\_forage\_encoded\_blob}function y(a){var b=this,c=b.\_initReady().then(function(){vara=ya[b.\_dbInfo.name];if(a&&a.dbReady)return a.dbReady});return i(c,a,a),c}function z(a){o(a);for(varb=ya[a.name],c=b.forages,d=0;d<c.length;d++){vare=c[d];e.\_dbInfo.db&&(e.\_dbInfo.db.close(

),e.\_dbInfo.db=null)}return a.db=null,s(a).then(function(b){returna.db=b,u(a)?t(a):b}).then(function(d){a.db=b.db=d;for(vare=0;e<c.length

;e++)c[e].\_dbInfo.db=d}).catch(function(b){throw q(a,b),b})}function A(a,b,c,d){void0===d&&(d=1);try{vare=a.db.transaction(a.storeName,b);c(null,e)}catch(e){if(d>0&&(!a.db||"Inv alidStateError"===e.name||"NotFoundError"===e.name))returnva.resolve().then(function(){if(!a.db||"NotFoun dError"===e.name&&!a.db.objectStoreNames.contains(a.storeName)&&a.version<=a.db.version)return a.db&&(a.version=a.db.version+1),t(a)}).then(function(){returnz(a).then(function(){A(a,b,c,d- 1)})}).catch(c);c(e)}}functionB(){return{forages:[],db:null,dbReady:null,deferredOperations:[]}}function C(a){function b(){returnva.resolve()}var c=this,d={db:null};if(a)for(var e in a)d[e]=a[e];varf=ya[d.name];f||(f=B(),ya[d.name]=f),f.forages.push(c),c.\_initReady||(c.\_initReady=c.ready,c.rea dy=y);for(varg=[],h=0;h<f.forages.length;h++){var i=f.forages[h];i!==c&&g.push(i.\_initReady().catch(b))}varj=f.forages.slice(0);return va.all(g).then(function(){return d.db=f.db,s(d)}).then(function(a){returnd.db=a,u(d,c.\_defaultConfig.version)?t(d):a}).then(function(a){d.db=f.d b=a,c.\_dbInfo=d;for(varb=0;b<j.length;b++){var e=j[b];e!==c&&(e.\_dbInfo.db=d.db,e.\_dbInfo.version=d.version)}})}function D(a,b){varc=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){A(c.\_dbInfo,Aa,function(e,f){if(e)returnd(e);try{var g=f.objectStore(c.\_dbInfo.storeName),h=g.get(a);h.onsuccess=function(){var a=h.result;void0===a&&(a=null),x(a)&&(a=w(a)),b(a)},h.onerror=function(){d(h.error)}}catch(a){d(a)}})}).catch( d)});returnh(d,b),d}function E(a,b){var c=this,d=newva(function(b,d){c.ready().then(function(){A(c.\_dbInfo,Aa,function(e,f){if(e)return d(e);try{varg=f.objectStore(c.\_dbInfo.storeName),h=g.openCursor(),i=1;h.onsuccess=function(){var c=h.result;if(c){vard=c.value;x(d)&&(d=w(d));var e=a(d,c.key,i++);void 0!==e?b(e):c.continue()}elseb()},h.onerror=function(){d(h.error)}}catch(a){d(a)}})}).catch(d)});return h(d,b),d}function F(a,b,c){vard=this;a=j(a);var e=new va(function(c,e){var f;d.ready().then(function(){return f=d.\_dbInfo,"[objectBlob]"===za.call(b)?n(f.db).then(function(a){returna?b:v(b)}):b}).then(function(b){A(d.\_db Info,Ba,function(f,g){if(f)return e(f);try{varh=g.objectStore(d.\_dbInfo.storeName);null===b&&(b=void 0);var i=h.put(b,a);g.oncomplete=function(){void0===b&&(b=null),c(b)},g.onabort=g.onerror=function(){vara=i.error

?i.error:i.transaction.error;e(a)}}catch(a){e(a)}})}).catch(e)});returnh(e,c),e}functionG(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)returnd(e);try{varg=f.objectStore(c.\_ dbInfo.storeName),h=g.delete(a);f.oncomplete=function(){b()},f.onerror=function(){d(h.error)},f.onabort=function(){ vara=h.error?h.error:h.transaction.error;d(a)}}catch(a){d(a)}})}).catch(d)});returnh(d,b),d}function H(a){var b=this,c=newva(function(a,c){b.ready().then(function(){A(b.\_dbInfo,Ba,function(d,e){if(d)return c(d);try{varf=e.objectStore(b.\_dbInfo.storeName),g=f.clear();e.oncomplete=function(){a()},e.onabort=e.onerror=fun ction()

{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){varb=this,c=new va(function(a,c){b.ready().then(function(){A(b.\_dbInfo,Aa,function(d,e){if(d)return c(d);try{varf=e.objectStore(b.\_dbInfo.storeName),g=f.count();g.onsuccess=function(){a(g.result)},g.onerror=functi on(){c(g.error)}}catch(a){c(a)}})}).catch(c)});return h(c,a),c}function J(a,b){var c=this,d=newva(function(b,d){if(a<0)return void b(null);c.ready().then(function(){A(c.\_dbInfo,Aa,function(e,f){if(e)returnd(e);try{var g=f.objectStore(c.\_dbInfo.storeName),h=!1,i=g.openKeyCursor();i.onsuccess=function(){varc=i.result;if(!c)re turn voidb(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=newva(function(a,c){b.ready().then(function(){A(b.\_dbInfo,Aa,function(d,e){if(d)return c(d);try{varf=e.objectStore(b.\_dbInfo.storeName),g=f.openKeyCursor(),h=[];g.onsuccess=function(){varb=g.r esult;if(!b)return voida(h);h.push(b.key),b.continue()},g.onerror=function(){c(g.error)}}catch(a){c(a)}})}).catch(c)});returnh(c,a), c}function L(a,b){b=k.apply(this,arguments);var c=this.config();a="function"!=typeofa&&a||{},a.name||(a.name=a.name||c.name,a.storeName=a.storeName||c. storeName);vard,e=this;if(a.name){varf=a.name===c.name&&e.\_dbInfo.db,g=f?va.resolve(e.\_dbInfo.db):s(a). then(function(b){varc=ya[a.name],d=c.forages;c.db=b;for(var e=0;e<d.length;e++)d[e].\_dbInfo.db=b;returnb});d=a.storeName?g.then(function(b){if(b.objectStoreNames.co ntains(a.storeName)){varc=b.version+1;o(a);var d=ya[a.name],e=d.forages;b.close();for(var f=0;f<e.length;f++){varg=e[f];g.\_dbInfo.db=null,g.\_dbInfo.version=c}return new va(function(b,d){vare=ua.open(a.name,c);e.onerror=function(a){e.result.close(),d(a)},e.onupgradeneeded=functio n(){e.result.deleteObjectStore(a.storeName)},e.onsuccess=function(){vara=e.result;a.close(),b(a)}}).then(funct ion(a){d.db=a;for(var b=0;b<e.length;b++){varc=e[b];c.\_dbInfo.db=a,p(c.\_dbInfo)}}).catch(function(b){throw(q(a,b)||va.resolve()).catch(f unction(){}),b})}}):g.then(function(b){o(a);var c=ya[a.name],d=c.forages;b.close();for(vare=0;e<d.length;e++){d[e].\_dbInfo.db=null}return new va(function(b,c){vard=ua.deleteDatabase(a.name);d.onerror=function(){vara=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(){vara=d.result;a&&a.close(),b(a)}}).then(function(a){c.db=a;for(varb=0;b<d.l ength;b++)p(d[b].\_dbInfo)}).catch(function(b){throw(q(a,b)||va.resolve()).catch(function(){}),b})})}else d=va.reject("Invalid arguments");return h(d,b),d}function M(){return"function"==typeofopenDatabase}functionN(a){varb,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=newUint8Array(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=newUint8Array(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){varc="";if(a&&(c=Ua.call(a)),a&&("[object ArrayBuffer]"===c||a.buffer&&"[objectArrayBuffer]"===Ua.call(a.buffer))){var d,e=Ga;a instanceof ArrayBuffer?(d=a,e+=Ia):(d=a.buffer,"[objectInt8Array]"===c?e+=Ka:"[object Uint8Array]"===c?e+=La:"[object Uint8ClampedArray]"===c?e+=Ma:"[objectInt16Array]"===c?e+=Na:"[object Uint16Array]"===c?e+=Pa:"[object Int32Array]"===c?e+=Oa:"[objectUint32Array]"===c?e+=Qa:"[object Float32Array]"===c?e+=Ra:"[object Float64Array]"===c?e+=Sa:b(newError("Failed to get type for BinaryArray"))),b(e+O(d))}else if("[object Blob]"===c){var f=newFileReader;f.onload=function(){var c=Ea+a.type+"~"+O(this.result);b(Ga+Ja+c)},f.readAsArrayBuffer(a)}elsetry{b(JSON.stringify(a))}catch(c){con sole.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);varb,c=a.substring(Ta),d=a.substring(Ha,Ta);if(d===Ja&&Fa.test(c)){vare=c.match(Fa);b=e[1], c=c.substring(e[0].length)}var f=N(c);switch(d){case Ia:return f;case Ja:returng([f],{type:b});case Ka:return new Int8Array(f);case La:return new Uint8Array(f);case Ma:return newUint8ClampedArray(f);case Na:returnnewInt16Array(f);casePa:returnnewUint16Array(f);caseOa:returnnew Int32Array(f);case Qa:return new Uint32Array(f);case Ra:return new Float32Array(f);case Sa:return newFloat64Array(f);default:throw new Error("Unkown type: "+d)}}function R(a,b,c,d){a.executeSql("CREATETABLE IF NOT EXISTS "+b.storeName+" (id INTEGER PRIMARY KEY, key unique, value)",[],c,d)}functionS(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=newva(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)});returnc.serializer= Va,e}functionT(a,b,c,d,e,f){a.executeSql(c,d,e,function(a,g){g.code===g.SYNTAX\_ERR?a.executeSql("SELECT name FROMsqlite\_masterWHEREtype='table'AND name

=?",[b.storeName],function(a,h){h.rows.length?f(a,g):R(a,b,function(){a.executeSql(c,d,e,f)},f)},f):f(a,g)},f)}fun

ction U(a,b){var c=this;a=j(a);var d=new va(function(b,d){c.ready().then(function(){vare=c.\_dbInfo;e.db.transaction(function(c){T(c,e,"SELECT \* FROM "+e.storeName+" WHERE key = ?

LIMIT1",[a],function(a,c){vard=c.rows.length?c.rows.item(0).value:null;d&&(d=e.serializer.deserialize(d)),b(d)

},function(a,b){d(b)})})}).catch(d)});return h(d,b),d}function V(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){vare=c.\_dbInfo;e.db.transaction(function(c){T(c,e,"SELECT \* FROM "+e.storeName,[],function(c,d){for(varf=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)),void0!==(j=a(j,i.key,h+1)))return void b(j)}b()},function(a,b){d(b)})})}).catch(d)});return h(d,b),d}functionW(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);varh=b,i=e.\_dbInfo;i.serializer.serialize(b,function(b,j){j?g(j):i.db.transaction(function(c)

{T(c,i,"INSERT ORREPLACEINTO"+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)returnvoid

f(W.apply(e,[a,h,c,d-1]));g(b)}})})}).catch(g)});return h(f,c),f}function X(a,b,c){returnW.apply(this,[a,b,c,1])}function Y(a,b){var c=this;a=j(a);var d=newva(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}functionZ(a){var b=this,c=new va(function(a,c){b.ready().then(function(){vard=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){varb=this,c=new va(function(a,c){b.ready().then(function(){vard=b.\_dbInfo;d.db.transaction(function(b){T(b,d,"SELECTCOUNT (key)as cFROM"+d.storeName,[],function(b,c){var d=c.rows.item(0).c;a(d)},function(a,b){c(b)})})}).catch(c)});returnh(c,a),c}function \_(a,b){var c=this,d=new va(function(b,d){c.ready().then(function(){vare=c.\_dbInfo;e.db.transaction(function(c){T(c,e,"SELECT key FROM "+e.storeName+" WHERE id = ?

LIMIT1",[a+1],function(a,c){vard=c.rows.length?c.rows.item(0).key:null;b(d)},function(a,b){d(b)})})}).catch(d)})

;return h(d,b),d}functionaa(a){var b=this,c=new va(function(a,c){b.ready().then(function(){vard=b.\_dbInfo;d.db.transaction(function(b){T(b,d,"SELECT key FROM

"+d.storeName,[],function(b,c){for(vard=[],e=0;e<c.rows.length;e++)d.push(c.rows.item(e).key);a(d)},function(

a,b){c(b)})})}).catch(c)});returnh(c,a),c}function ba(a){return new va(function(b,c){a.transaction(function(d){d.executeSql("SELECT nameFROM sqlite\_master WHEREtype='table'ANDname<>

' WebKitDatabaseInfoTable '",[],function(c,d){for(vare=[],f=0;f<d.rows.length;f++)e.push(d.rows.item(f).name);b({db:a,storeNames:e})},functi

on(a,b){c(b)})},function(a){c(a)})})}function ca(a,b){b=k.apply(this,arguments);var c=this.config();a="function"!=typeofa&&a||{},a.name||(a.name=a.name||c.name,a.storeName=a.storeName|| c.storeName);var d,e=this;returnd=a.name?new va(function(b){vard;d=a.name===c.name?e.\_dbInfo.db:openDatabase(a.name,"","",0),b(a.storeName?{db:d,stor eNames:[a.storeName]}:ba(d))}).then(function(a){return new va(function(b,c){a.db.transaction(function(d){functione(a){return new va(function(b,c){d.executeSql("DROP TABLE IF

EXISTS"+a,[],function(){b()},function(a,b){c(b)})})}for(varf=[],g=0,h=a.storeNames.length;g<h;g++)f.push(e(a.st

oreNames[g]));va.all(f).then(function(){b()}).catch(function(a){c(a)})},function(a){c(a)})})}):va.reject("Invalid arguments"),h(d,b),d}functionda(){try{return"undefined"!=typeof localStorage&&"setItem"inlocalStorage&&!!localStorage.setItem}catch(a){return!1}}function ea(a,b){var c=a.name+"/";returna.storeName!==b.storeName&&(c+=a.storeName+"/"),c}function fa(){vara="\_localforage\_support\_test";try{returnlocalStorage.setItem(a,!0),localStorage.removeItem(a),!1}c atch(a){return!0}}functionga(){return!fa()||localStorage.length>0}function ha(a){var b=this,c={};if(a)for(var d in a)c[d]=a[d];returnc.keyPrefix=ea(a,b.\_defaultConfig),ga()?(b.\_dbInfo=c,c.serializer=Va,va.resolve()):va.rejec t()}functionia(a){varb=this,c=b.ready().then(function(){for(vara=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}functionja(a,b){var c=this;a=j(a);var d=c.ready().then(function(){varb=c.\_dbInfo,d=localStorage.getItem(b.keyPrefix+a);return d&&(d=b.serializer.deserialize(d)),d});returnh(d,b),d}function ka(a,b){var c=this,d=c.ready().then(function(){for(varb=c.\_dbInfo,d=b.keyPrefix,e=d.length,f=localStorage.length,g=1,h= 0;h<f;h++){vari=localStorage.key(h);if(0===i.indexOf(d)){var j=localStorage.getItem(i);if(j&&(j=b.serializer.deserialize(j)),void0!==(j=a(j,i.substring(e),g++)))return j}}});returnh(d,b),d}function la(a,b){varc=this,d=c.ready().then(function(){var b,d=c.\_dbInfo;try{b=localStorage.key(a)}catch(a){b=null}returnb&&(b=b.substring(d.keyPrefix.length)),b});ret urn h(d,b),d}function ma(a){varb=this,c=b.ready().then(function(){for(var a=b.\_dbInfo,c=localStorage.length,d=[],e=0;e<c;e++){varf=localStorage.key(e);0===f.indexOf(a.keyPrefix)&& d.push(f.substring(a.keyPrefix.length))}return d});returnh(c,a),c}function na(a){var b=this,c=b.keys().then(function(a){return a.length});return h(c,a),c}functionoa(a,b){var c=this;a=j(a);var d=c.ready().then(function(){varb=c.\_dbInfo;localStorage.removeItem(b.keyPrefix+a)});return h(d,b),d}function pa(a,b,c){var d=this;a=j(a);vare=d.ready().then(function(){void 0===b&&(b=null);var c=b;return new va(function(e,f){varg=d.\_dbInfo;g.serializer.serialize(b,function(b,d){if(d)f(d);elsetry{localStorage.setItem(g.ke yPrefix+a,b),e(c)}catch(a){"QuotaExceededError"!==a.name&&"NS\_ERROR\_DOM\_QUOTA\_REACHED"!==a.nam e||f(a),f(a)}})})});return h(e,c),e}functionqa(a,b){if(b=k.apply(this,arguments),a="function"!=typeof a&&a||{},!a.name){varc=this.config();a.name=a.name||c.name,a.storeName=a.storeName||c.storeName}vard,e

=this;return

d=a.name?new va(function(b){b(a.storeName?ea(a,e.\_defaultConfig):a.name+"/")}).then(function(a){for(varb=localStorage.le ngth-1;b>=0;b--

){varc=localStorage.key(b);0===c.indexOf(a)&&localStorage.removeItem(c)}}):va.reject("Invalidarguments"), h(d,b),d}function ra(a,b){a[b]=function(){var c=arguments;return a.ready().then(function(){returna[b].apply(a,c)})}}function sa(){for(var a=1;a<arguments.length;a++){var b=arguments[a];if(b)for(var c inb)b.hasOwnProperty(c)&&($a(b[c])?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}returnarguments[0]

}var ta="function"==typeof Symbol&&"symbol"==typeof Symbol.iterator?function(a){returntypeof a}:function(a){return a&&"function"==typeofSymbol&&a.constructor===Symbol&&a!==Symbol.prototype?"symbol":typeof a},ua=e();"undefined"==typeofPromise&&a(3);var va=Promise,wa="local-forage-detect-blob- support",xa=void0,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,dropInstan ce:L},Da="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local\_forage\_ type

~",Fa=/^~~local\_forage\_type~([^~]+)~/,Ga=" lfsc

:",Ha=Ga.length,Ia="arbf",Ja="blob",Ka="si08",La="ui08",Ma="uic8",Na="si16",Oa="si32",Pa="ur16",Qa="ui32",Ra="fl32",Sa="fl64",Ta

=Ha+Ia.length,Ua=Object.prototype.toString,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={\_driver:"webSQLS torage",

\_initStorage:S,\_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,length:$,key:\_,keys:aa,dropInstanc e:ca},Xa={\_driver:"localStorageWrapper",\_initStorage:ha,\_support:da(),iterate:ka,getItem:ja,setItem:pa,removeIte m:oa,clear:ia,length:na,key:la,keys:ma,dropInstance:qa},Ya=function(a,b){returna===b||"number"==typeof a&&"number"==typeof b&&isNaN(a)&&isNaN(b)},Za=function(a,b){for(varc=a.length,d=0;d<c;){if(Ya(a[d],b))return!0;d++}return!1},$a

=Array.isArray||function(a){return"[objectArray]"===Object.prototype.toString.call(a)},\_a={},ab={},bb={INDEXED DB: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(d b),fb={description:"",driver:cb.slice(),name:"localforage",size:4980736,storeName:"keyvaluepairs",version:1}, gb=function(){functiona(b){d(this,a);for(var c in bb)if(bb.hasOwnProperty(c)){vare=bb[c],f=e.\_driver;this[c]=f,\_a[f]||this.defineDriver(e)}this.\_defaultConfig=sa({},f b),this.\_config=sa({},this.\_defaultConfig,b),this.\_driverSet=null,this.\_initDriver=null,this.\_ready=!1,this.\_dbInfo

=null,this.\_wrapLibraryMethodsWithReady(),this.setDriver(this.\_config.driver).catch(function(){})}returna.prot otype.config=function(a){if("object"===(void 0===a?"undefined":ta(a))){if(this.\_ready)return newError("Can't call config() after localforage has been used.");for(var b ina){if("storeName"===b&&(a[b]=a[b].replace(/\W/g,"\_")),"version"===b&&"number"!=typeof a[b])return newError("Database version must be a number.");this.\_config[b]=a[b]}return!("driver"ina&&a.driver)||this.setDriver(this.\_config.driver)}return"string "==typeofa?this.\_config[a]:this.\_config},a.prototype.defineDriver=function(a,b,c){var d=new va(function(b,c){try{vard=a.\_driver,e=new Error("Custom driver not compliant; seehttps://mozilla.github.io/localForage/#definedriver");if(!a.\_driver)return void c(e);for(varf=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])returnvoid c(e)}(function(){for(var b=function(a){return function(){var b=new Error("Method "+a+" is notimplemented 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))}})();vark=function(c){\_a[d]&&console.info("Redefining LocalForage driver: "+d),\_a[d]=a,ab[d]=c,b()};"\_support"ina?a.\_support&&"function"==typeofa.\_support?a.\_support().then(k,c):k (!!a.\_support):k(!0)}catch(a){c(a)}});returni(d,b,c),d},a.prototype.driver=function(){return this.\_driver||null},a.prototype.getDriver=function(a,b,c){vard=\_a[a]?va.resolve(\_a[a]):va.reject(new Error("Driver not found."));returni(d,b,c),d},a.prototype.getSerializer=function(a){var b=va.resolve(Va);returni(b,a),b},a.prototype.ready=function(a){var b=this,c=b.\_driverSet.then(function(){returnnull===b.\_ready&&(b.\_ready=b.\_initDriver()),b.\_ready});returni(c, a,a),c},a.prototype.setDriver=function(a,b,c){function d(){g.\_config.driver=g.driver()}function e(a){returng.\_extend(a),d(),g.\_ready=g.\_initStorage(g.\_config),g.\_ready}function f(a){return function(){functionb(){for(;c<a.length;){var f=a[c];return c++,g.\_dbInfo=null,g.\_ready=null,g.getDriver(f).then(e).catch(b)}d();varh=new Error("No available storage method found.");return g.\_driverSet=va.reject(h),g.\_driverSet}varc=0;return b()}}var g=this;$a(a)||(a=[a]);varh=this.\_getSupportedDrivers(a),j=null!==this.\_driverSet?this.\_driverSet.catch(functio n(){returnva.resolve()}):va.resolve();return this.\_driverSet=j.then(function(){var a=h[0];returng.\_dbInfo=null,g.\_ready=null,g.getDriver(a).then(function(a){g.\_driver=a.\_driver,d(),g.\_wrapLibraryMe thodsWithReady(),g.\_initDriver=f(h)})}).catch(function(){d();var a=new Error("No available storage methodfound.");returng.\_driverSet=va.reject(a),g.\_driverSet}),i(this.\_driverSet,b,c),this.\_driverSet},a.prototype.su pports=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)}returnb},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=newgb;b.exports=hb},{3:3}]},{},[4])(4)});

# LOGIN:

**HTML:**

<!DOCTYPEhtml>

<htmllang="en">

<head>

<metacharset="UTF-8">

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

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

<linkrel="stylesheet"href="/css/login.css">

<title>SignUp</title>

<script>

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

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

`https:${location.href.substring(

location.protocol.length

)}`

)

}

}

</script>

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

</head>

<body>

<divclass="wrapper">

<divclass="loginContainer">

<span>SignUpToContinue</span>

<divclass="traditionalLoginContainer">

<formclass="signupForm"action="/"method="post">

<inputtype="email"name="email"placeholder="Email"id="email">

<inputtype="password"name="password"placeholder="Password"id="password">

<inputclass="loginButton"type="submit"value="Login">

</form>

</div>

<divclass="loginWithFireContainer">

<buttontype="button"class="fire"title="LoginwithSafety"id="fire">LoginwithSafety</button>

</div>

<aclass="hyperLink"href="/register">Don'thaveanAccount?Register↗</a>

</div>

</div>

<script>

// NecessaryforFireOAuthtoFunction const fireBroadcastingChannel = new

BroadcastChannel('fireOAuthChannel');fireBroadcastingChannel.addEventLis tener('message',asyncevent=>{

letdata =event.data

/\*\*

* **@typedef{Object<string,any>}Data**
* **@property{boolean}success-Whether thelogin wassuccessful**
* **@property{string}token-Thedatareturnedfromthelogini.e.FireToken**

\*/

//data.tokenisthemessagesentfromthefireOAuthChannelafterverification

//data.successisaboolean thatindicateswhethertheverification wassuccessful

//data.tokenis thefiretoken

//WhattodowiththeFireToken?

// \* Fire Token is an unique token which uniquely identifies the user who authorized your login attemptwithFire

// \*Youcan usethistokenONLY ONCEasit willbedestroyed after thefirst use

// 1.Sendthe firetokentotheFireServer toverifythe user

//-You candothatclient sidedorserver sided

//-Youneedtosenda POSTRequest totheFireServerwiththefiretoken

// attheURL:http://localhost:3003/api/tokens/verify

//-TheFireServerwillverify thefire tokenandreturna response

// - If the verification was successful - CODE (200), the Fire Server will return aresponse with theuser'sdata

// - If the verification was unsuccessful - CODE (400) or CODE (401), the Fire Server will return aresponsewithanerror'message'

//-You canuse thedata returned fromtheFireServertocreateanew userin yourdatabase

// This example will send the token to Fire Servers and console.log the responseconsole.log("%c" + `Fire Token: ${data.token}`, `color: #f1c40f; font- weight: bold;`);constresponse=awaitfetch('https://fire.adaptable.app/api/tokens/verify',{

method: 'POST',headers:

{

'Content-Type':'application/json'

},

body:JSON.stringify({

token:data.token

})

})

//gettheresponse

constresponseData =awaitresponse.json()

// console.log the responseconsole.log(resp onseData)

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

// Adding theuserdatato theuserDatabase let database = await

localforage.getItem("userDatabase")if(database ==null) {

database= []

}

database.push(responseData) awaitlocalforage.setItem("userDatabase",database)

// redirect to the home pagewindow.location.href='

/'

})

function popupwindow(url, title, w, h)

{varleft=(screen.width/2)-(w/2); vartop=(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("/fi reoauth.html","FireOAuth",450, 600)

})

</script>

<script>

// this.Website's Scripts / App Logicdocument.querySelector(".signupForm").addEventListener("submit",async(e)=>{

e.preventDefault() letemail=document.getElementById("email").value let password =

document.getElementById("password").valueletflag= 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 = truewindow.location.href="

/"

}

}

})

} else {

alert("UserNotFound")

}

if(!flag){ alert("InvalidCredentials")

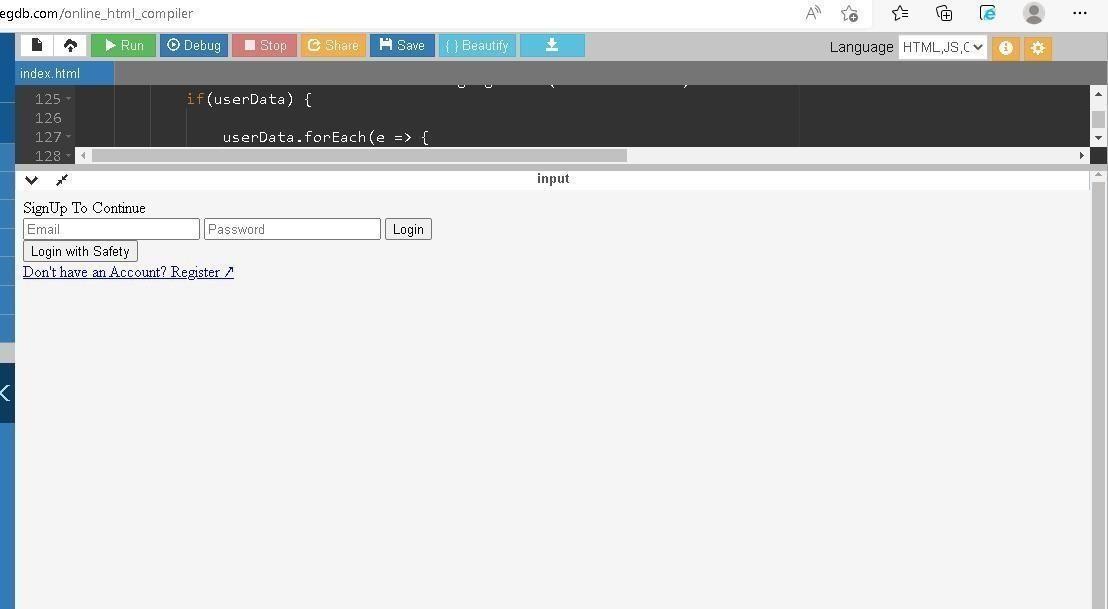
}

})

</script>

</body>

</html>



# CSS:

html,bod y{

height:100%; margin:0;

font-weight:300;

font-family:-apple-system,BlinkMacSystemFont,"SegoeUI",Roboto,Oxygen,

Ubuntu,Cantarell,"OpenSans","HelveticaNeue",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:1rem3 rem;

border:1pxsolid#44444444;

box-shadow: 0px 3px 2px 1px #44444444;border-radius:8px;

}

.loginContainerspan{

text-align: center;font-size: 3rem;font- weight:500;

margin:1rem 1rem3rem;

}

.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:0.3em0.5em;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:

* 1. **rem;border: none;border- radius:5px;**

cursor:pointer;

margin-top:2rem;

}

.traditionalLoginContainer.loginButton:hover{

background-color:#0071f3d6;

}

.loginWithFireContainer{ display: grid;display:-ms-

}

.fire{

}

grid;

place-items:center;

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;

}

@mediascreen and (max-width:480px){

.loginContainer

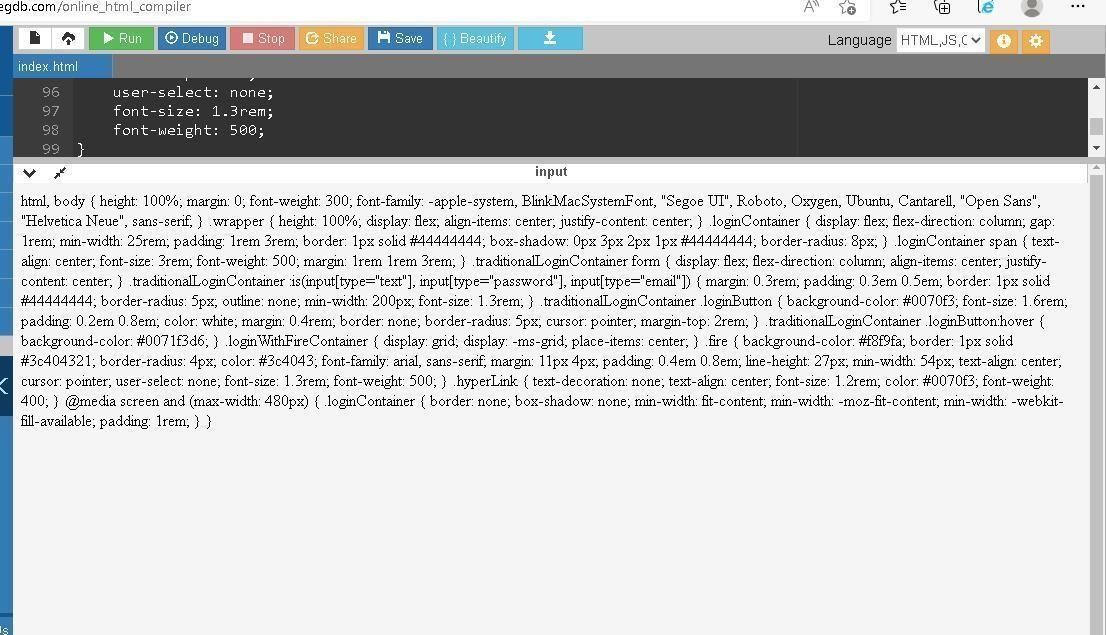
{border:none; box-shadow:

none;min-width:fit- content;

min-width: -moz-fit- content;min-width: -webkit-fill- available;padding:1rem;

}

}



# DASHBOARD:

**HTML:**

<!DOCTYPEhtml>

<htmllang="en">

<head>

<metacharset="UTF-8">

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

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

<linkrel="stylesheet"href="./css/dashboard.css">

<title>Dashboard</title>

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

</head>

<body>

<divclass="wrapper">

<divclass="header">

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

<spanclass="right">

<spanclass="username">HelloUser</span>

<span>

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

</span>

</span>

</div>

<divclass="actionCenter">

<divclass="action">

<span>CreateChildCard</span>

</div>

<divclass="action">

<spanclass="logout">Logout</span>

</div>

</div>

<divclass="childCardContainer">

<divclass="childCard">

<divclass="childCardHeader">

<span>ChildName</span>

<span>Age 12</span>

</div>

<divclass="actions">

<span>View</span>

<span>GeoFence</span>

</div>

</div>

</div>

</div>

<script> asyncfunctionmain(){

let userData = await localforage.getItem('userData')if(userData == null){

window.location.href="/login"

}

document.querySelector(".username").innerHTML = `Hello

${userData.firstName}`document.querySelector(".profilePic").src=userData.profile Pic

}

main()

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

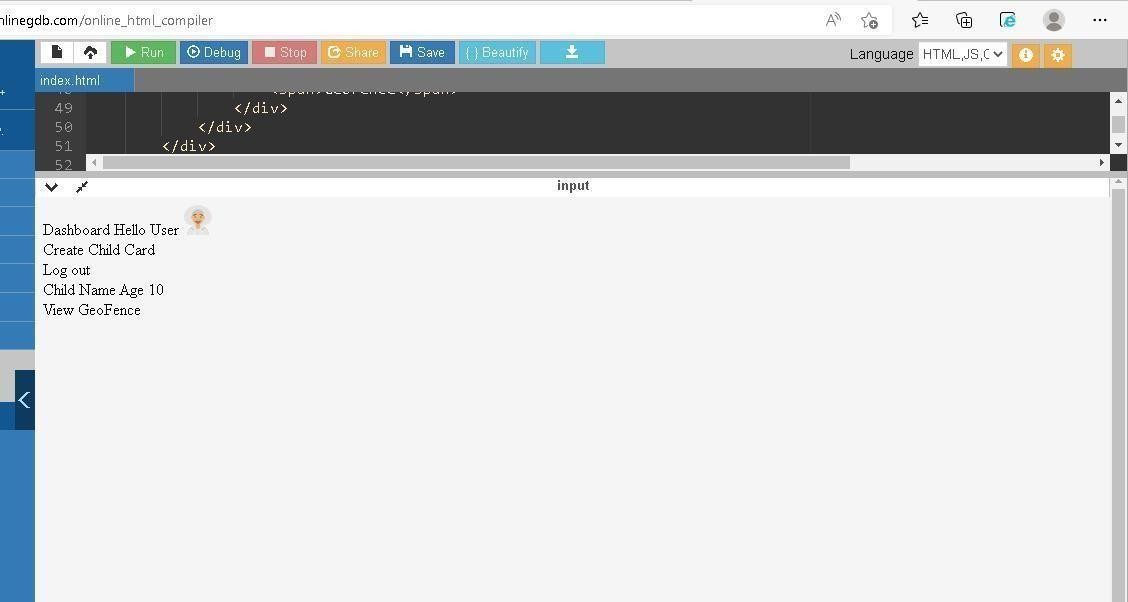
{awaitlocalforage.setItem('userData',null) window.location.href="/login"

})

</script>

</body>

</html>



# CSS:

html, body

{margin:0

;

padding: 0;

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

}

.wrapper

{display:flex;

flex-direction:column;

height: 100vh;margin:0auto

;

}

.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:0.5r em0;

}

.actionCenter.action{padding: 0.5rem 0.8rem;border: 1px solid #44444444;border-

radius:12px; margin-right:

* 1. **rem;cursor:pointe r;**

}

.actionCenter .action:hover

{background-color:#0070f3; color:white;

}

.childCardContainer

{display:flex;

flex-wrap: wrap;padding:0.5rem1r em;

}

.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:1rem0.8rem0;

}

.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:1pxsolid#0070f3; background-color: white;color:#0070f3; padding: 0.3rem 0.9rem;border- radius:12px;

cursor:pointer;

}

