

Sprint-4

Team ID	PNT2022TMID05746
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

drawmap.js

```
var mapOptions;
```

```
var map;
```

```
var coordinates = []
```

```
let new_coordinates = []
```

```
let lastElement
```

```
function InitMap() {
```

```
    var location = new google.maps.LatLng(11.165403, 76.961008)
```

```
    mapOptions = {
```

```
        zoom: 17,
```

```
        center: location,
```

```
        mapTypeId: google.maps.MapTypeId.RoadMap
```

```
    }
```

```
    map = new google.maps.Map(document.getElementById('map-canvas'), mapOptions)
```

```
    var all_overlays = [];
```

```
    var selectedShape;
```

```
    var drawingManager = new google.maps.drawing.DrawingManager({
```

```
        //drawingMode: google.maps.drawing.OverlayType.MARKER,
```

```
        //drawingControl: true,
```

```
        drawingControlOptions: {
```

```
            position: google.maps.ControlPosition.TOP_CENTER,
```

```
            drawingModes: [
```

```
        //google.maps.drawing.OverlayType.MARKER,  
        //google.maps.drawing.OverlayType.CIRCLE,  
        google.maps.drawing.OverlayType.POLYGON,  
        //google.maps.drawing.OverlayType.RECTANGLE  
    ]  
},  
markerOptions: {  
    //icon: 'images/beachflag.png'  
},  
circleOptions: {  
    fillColor: '#ffff00',  
    fillOpacity: 0.2,  
    strokeWeight: 3,  
    clickable: false,  
    editable: true,  
    zIndex: 1  
},  
polygonOptions: {  
    clickable: true,  
    draggable: false,  
    editable: true,  
    // fillColor: '#ffff00',  
    fillColor: '#ADFF2F',  
    fillOpacity: 0.5,  
  
},  
rectangleOptions: {  
    clickable: true,  
    draggable: true,
```

```
        editable: true,  
        fillColor: '#ffff00',  
        fillOpacity: 0.5,  
    }  
});
```

```
function clearSelection() {  
    if (selectedShape) {  
        selectedShape.setEditable(false);  
        selectedShape = null;  
    }  
}
```

//to disable drawing tools

```
function stopDrawing() {  
    drawingManager.setMap(null);  
}
```

```
function setSelection(shape) {  
    clearSelection();  
    stopDrawing()  
    selectedShape = shape;  
    shape.setEditable(true);  
}
```

```
function deleteSelectedShape() {  
    if (selectedShape) {  
        selectedShape.setMap(null);  
        drawingManager.setMap(map);  
        coordinates.splice(0, coordinates.length)
```

```
        document.getElementById('info').innerHTML = ""  
    }  
}
```

```
function CenterControl(controlDiv, map) {  
  
    // Set CSS for the control border.  
    var controlUI = document.createElement('div');  
    controlUI.style.backgroundColor = '#fff';  
    controlUI.style.border = '2px solid #fff';  
    controlUI.style.borderRadius = '3px';  
    controlUI.style.boxShadow = '0 2px 6px rgba(0,0,0,.3)';  
    controlUI.style.cursor = 'pointer';  
    controlUI.style.marginBottom = '22px';  
    controlUI.style.textAlign = 'center';  
    controlUI.title = 'Select to delete the shape';  
    controlDiv.appendChild(controlUI);  
  
    // Set CSS for the control interior.  
    var controlText = document.createElement('div');  
    controlText.style.color = 'rgb(25,25,25)';  
    controlText.style.fontFamily = 'Roboto,Arial,sans-serif';  
    controlText.style.fontSize = '16px';  
    controlText.style.lineHeight = '38px';  
    controlText.style.paddingLeft = '5px';  
    controlText.style.paddingRight = '5px';  
    controlText.innerHTML = 'Delete Selected Area';  
    controlUI.appendChild(controlText);  
}
```

```

//to delete the polygon
controlUI.addEventListener('click', function () {
    deleteSelectedShape();
});
}

drawingManager.setMap(map);

var getPolygonCoords = function (newShape) {

    coordinates.splice(0, coordinates.length)

    var len = newShape.getPath().getLength();

    for (var i = 0; i < len; i++) {
        coordinates.push(newShape.getPath().getAt(i).toUrlValue(6))
        coordinates.push(" ");
    }
    document.getElementById('info').innerHTML = coordinates;

}

google.maps.event.addListener(drawingManager, 'polygoncomplete', function (event) {
    event.getPath().getLength();
    google.maps.event.addListener(event, "dragend", getPolygonCoords(event));

    google.maps.event.addListener(event.getPath(), 'insert_at', function () {
        getPolygonCoords(event)
    })

```

```

});

google.maps.event.addListener(event.getPath(), 'set_at', function () {
    getPolygonCoords(event)
})
})

google.maps.event.addListener(drawingManager, 'overlaycomplete', function (event) {
    all_overlays.push(event);
    if (event.type !== google.maps.drawing.OverlayType.MARKER) {
        drawingManager.setDrawingMode(null);

        var newShape = event.overlay;
        newShape.type = event.type;
        google.maps.event.addListener(newShape, 'click', function () {
            setSelection(newShape);
        });
        setSelection(newShape);
    }
})

var centerControlDiv = document.createElement('div');
var centerControl = new CenterControl(centerControlDiv, map);

centerControlDiv.index = 1;
map.controls[google.maps.ControlPosition.BOTTOM_CENTER].push(centerControlDiv);

```

```
}
```

InitMap()

localforage.js

```
/*!
```

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+
++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.parentNode.removeChild(b),b=null},a=document.documentElement.appendChild
hild(b)}:function(){setTimeout(c,0)};else{var j=new
a.MessageChannel;j.port1.onmessage=c,e=function(){j.port2.postMessage(0)}}var
k,l=[];b.exports=d}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof
self?self:"undefined"!=typeof window?window:{}),{}},2:[function(a,b,c){"use strict";function
d(){function e(a){if("function"!=typeof a)throw new TypeError("resolver must be a
function");this.state=s,this.queue=[],this.outcome=void 0,a!==d&&i(this,a)}function
f(a,b,c){this.promise=a,"function"==typeof
b&&(this.onFulfilled=b,this.callFulfilled=this.otherCallFulfilled),"function"==typeof
```

```

c&&(this.onRejected=c,this.callRejected=this.otherCallRejected))function
g(a,b,c){o(function(){var d;try{d=b(c)}catch(b){return p.reject(a,b)}d===a?p.reject(a,new
TypeError("Cannot resolve promise with itself")):p.resolve(a,d))}function h(a){var
b=a&&a.then;if(a&&("object"===typeof a || "function"===typeof a)&&"function"===typeof
b)return function(){b.apply(a,arguments)}}function i(a,b){function
c(b){f || (f=!0,p.reject(a,b))}function d(b){f || (f=!0,p.resolve(a,b))}function e(){b(d,c)}var
f=!1,g=j(e);"error"===g.status&&c(g.value)}function j(a,b){var
c={};try{c.value=a(b),c.status="success"}catch(a){c.status="error",c.value=a}return
c}function k(a){return a instanceof this?a:p.resolve(new this(d),a)}function l(a){var b=new
this(d);return p.reject(b,a)}function m(a){function b(a,b){function
d(a){g[b]=a,++h!==e || f || (f=!0,p.resolve(j,g))}c.resolve(a).then(d,function(a){f || (f=!0,p.reject
(j,a))})}var c=this;if("[object Array]"!==Object.prototype.toString.call(a))return
this.reject(new TypeError("must be an array"));var e=a.length,f=!1;if(!e)return
this.resolve([]);for(var g=new Array(e),h=0,i=-1,j=new this(d);++i<e;)b(a[i],i);return j}function
n(a){function
b(a){c.resolve(a).then(function(a){f || (f=!0,p.resolve(h,a))},function(a){f || (f=!0,p.reject(h,a))
})}var c=this;if("[object Array]"!==Object.prototype.toString.call(a))return this.reject(new
TypeError("must be an array"));var e=a.length,f=!1;if(!e)return this.resolve([]);for(var g=-
1,h=new this(d);++g<e;)b(a[g]);return h}var
o=a(1),p={},q=["REJECTED"],r=["FULFILLED"],s=["PENDING"];b.exports=e,e.prototype.catch=
function(a){return this.then(null,a)},e.prototype.then=function(a,b){if("function"!==typeof
a&&this.state===r || "function"!==typeof b&&this.state===q)return this;var c=new
this.constructor(d);if(this.state!==s){g(c,this.state===r?a:b,this.outcome)}else
this.queue.push(new f(c,a,b));return
c},f.prototype.callFulfilled=function(a){p.resolve(this.promise,a)},f.prototype.otherCallFulfill
ed=function(a){g(this.promise,this.onFulfilled,a)},f.prototype.callRejected=function(a){p.reje
ct(this.promise,a)},f.prototype.otherCallRejected=function(a){g(this.promise,this.onRejected
,a)},p.resolve=function(a,b){var c=j(h,b);if("error"===c.status)return p.reject(a,c.value);var
d=c.value;if(d)i(a,d);else{a.state=r,a.outcome=b;for(var e=-
1,f=a.queue.length;++e<f;)a.queue[e].callFulfilled(b)}return
a},p.reject=function(a,b){a.state=q,a.outcome=b;for(var c=-
1,d=a.queue.length;++c<d;)a.queue[c].callRejected(b);return
a},e.resolve=k,e.reject=l,e.all=m,e.race=n,{1:1},3:[function(a,b,c){("use
strict";"function"!==typeof b.Promise&&(b.Promise=a(2)))}.call(this,"undefined"!==typeof
global?global:"undefined"!==typeof self?self:"undefined"!==typeof
window?window:{})},{2:2}],4:[function(a,b,c){("use strict";function d(a,b){if(!(a instanceof
b))throw new TypeError("Cannot call a class as a function")}function
e(){try{if("undefined"!==typeof indexedDB)return indexedDB;if("undefined"!==typeof
webkitIndexedDB)return webkitIndexedDB;if("undefined"!==typeof mozIndexedDB)return
mozIndexedDB;if("undefined"!==typeof OIndexedDB)return
OIndexedDB;if("undefined"!==typeof msIndexedDB)return
msIndexedDB}catch(a){return}}function f(){try{if(!ua || !ua.open)return!1;var
a="undefined"!==typeof
openDatabase&&/(Safari|iPhone|iPad|iPod)/.test(navigator.userAgent)&&!/Chrome/.test(

```



```

navigator.userAgent)&&!/BlackBerry/.test(navigator.platform),b="function"==typeof
fetch&&-1!==fetch.toString().indexOf("[native code]");return(!a||b)&&"undefined"!==typeof
indexedDB&&"undefined"!==typeof IDBKeyRange}catch(a){return!1}}function
g(a,b){a=a||[],b=b||{};try{return new Blob(a,b)}catch(f){if("TypeError"!==f.name)throw
f;for(var c="undefined"!==typeof BlobBuilder?BlobBuilder:"undefined"!==typeof
MSBlobBuilder?MSBlobBuilder:"undefined"!==typeof
MozBlobBuilder?MozBlobBuilder:WebKitBlobBuilder,d=new
c,e=0;e<a.length;e+=1)d.append(a[e]);return d.getBlob(b.type)}}function
h(a,b){b&&a.then(function(a){b(null,a)},function(a){b(a)})}function
i(a,b,c){"function"==typeof b&&a.then(b),"function"==typeof c&&a.catch(c)}function
j(a){return"string"!==typeof a&&(console.warn(a+" used as a key, but it is not a
string."),a=String(a)),a}function k(){if(arguments.length&&"function"==typeof
arguments[arguments.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.pre
ventDefault(),a.stopPropagation(),b(!1)},c.oncomplete=function(){var
a=navigator.userAgent.match(/Chrome\/(\d+)/),c=navigator.userAgent.match(/Edge\//);b(c
||!a||parseInt(a[1],10)>=43)}}).catch(function(){return!1})}function
n(a){return"boolean"==typeof xa?va.resolve(xa):m(a).then(function(a){return
xa=a})}function o(a){var b=ya[a.name],c={};c.promise=new
va(function(a,b){c.resolve=a,c.reject=b}),b.deferredOperations.push(c),b.dbReady?b.dbRead
y=b.dbReady.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("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+" already
exists.'))}},f.onerror=function(a){a.preventDefault(),d(f.error)},f.onsuccess=function(){var
b=f.result;b.onversionchange=function(a){a.target.close()},c(b),p(a)}})}function s(a){return
r(a,!1)}function t(a){return r(a,!0)}function u(a,b){if(!a.db)return!0;var
c=!a.db.objectStoreNames.contains(a.storeName),d=a.version<a.db.version,e=a.version>a.d
b.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.read

```

```

AsBinaryString(a)}}function w(a){return g([l(atob(a.data))],{type:a.type})}function
x(a){return a&&a.__local_forge_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 || "NotFoundError"===e.name))return
va.resolve().then(function(){if(!a.db || "NotFoundError"===e.name&&!a.db.objectStoreNam
es.contains(a.storeName)&&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(v
ar 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)}})).cat
ch(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._dbInfo,Ba,function(e,f){if(e)return
d(e);try{var
g=f.objectStore(c._dbInfo.storeName),h=g.delete(a);f.oncomplete=function(){b()},f.onerror=
function(){d(h.error)},f.onabort=function(){var
a=h.error?h.error:h.transaction.error;d(a)}}catch(a){d(a)}})).catch(d)});return
h(d,b),d}function H(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){A(b._dbInfo,Ba,function(d,e){if(d)return
c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.clear();e.oncomplete=function(){a()},e.onabort=e.
onerror=function(){var
a=g.error?g.error:g.transaction.error;c(a)}}catch(a){c(a)}})).catch(c)});return
h(c,a),c}function I(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return
c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.count();g.onsuccess=function(){a(g.result)},g.oner
ror=function(){c(g.error)}}catch(a){c(a)}})).catch(c)});return h(c,a),c}function J(a,b){var
c=this,d=new va(function(b,d){if(a<0)return void
b(null);c.ready().then(function(){A(c._dbInfo,Aa,function(e,f){if(e)return d(e);try{var
g=f.objectStore(c._dbInfo.storeName),h=!1,i=g.openKeyCursor();i.onsuccess=function(){var
c=i.result;if(!c)return void
b(null);0===a?b(c.key):h?b(c.key):(h=!0,c.advance(a)),i.onerror=function(){d(i.error)}}catch(
a){d(a)}})).catch(d)});return h(d,b),d}function K(a){var b=this,c=new
va(function(a,c){b.ready().then(function(){A(b._dbInfo,Aa,function(d,e){if(d)return
c(d);try{var
f=e.objectStore(b._dbInfo.storeName),g=f.openKeyCursor(),h=[];g.onsuccess=function(){var
b=g.result;if(!b)return void
a(h);h.push(b.key),b.continue(),g.onerror=function(){c(g.error)}}catch(a){c(a)}})).catch(c)});
return h(c,a),c}function L(a,b){b=k.apply(this,arguments);var
c=this.config();a="function"!==typeof
a&&a||{};a.name||(a.name=a.name||c.name,a.storeName=a.storeName||c.storeName);v
ar d,e=this;if(a.name){var
f=a.name===c.name&&e._dbInfo.db,g=f?va.resolve(e._dbInfo.db):s(a).then(function(b){var
c=ya[a.name],d=c.forages;c.db=b;for(var e=0;e<d.length;e++)d[e]._dbInfo.db=b;return
b});d=a.storeName?g.then(function(b){if(b.objectStoreNames.contains(a.storeName)){var
c=b.version+1;o(a);var d=ya[a.name],e=d.forages;b.close();for(var f=0;f<e.length;f++){var
g=e[f];g._dbInfo.db=null,g._dbInfo.version=c}return new va(function(b,d){var
e=ua.open(a.name,c);e.onerror=function(a){e.result.close(),d(a)},e.onupgradeneeded=functi
on(){e.result.deleteObjectStore(a.storeName)},e.onsuccess=function(){var
a=e.result;a.close(),b(a)}}).then(function(a){d.db=a;for(var b=0;b<e.length;b++){var
c=e[b];c._dbInfo.db=a,p(c._dbInfo)}}).catch(function(b){throw(q(a,b)||va.resolve()).catch(fu
nction(){},b)}});g.then(function(b){o(a);var c=ya[a.name],d=c.forages;b.close();for(var
e=0;e<d.length;e++){d[e]._dbInfo.db=null}return new va(function(b,c){var
d=ua.deleteDatabase(a.name);d.onerror=function(){var

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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(fu
nction({}),b)}})else 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++]<2|d>>4,k[i++]=(15&d)<<4|e>>2,k[i++]=(3&e)<<6|63&f;r
eturn j}function O(a){var b,c=new
Uint8Array(a),d="";for(b=0;b<c.length;b+=3)d+=Da[c[b]>>2],d+=Da[(3&c[b])<<4|c[b+1]>>4],
d+=Da[(15&c[b+1])<<2|c[b+2]>>6],d+=Da[63&c[b+2]];return
c.length%3==2?d=d.substring(0,d.length-1)+"=":c.length%3==1&&(d=d.substring(0,d.length-
2)+"=="),d}function P(a,b){var c="";if(a&&(c=Ua.call(a)),a&&("[object
ArrayBuffer]"===c|a.buffer&&"[object ArrayBuffer]"===Ua.call(a.buffer)))var d,e=Ga;a
instanceof ArrayBuffer?(d=a,e+=la):(d=a.buffer,"[object Int8Array]"===c?e+=Ka:"[object
Uint8Array]"===c?e+=La:"[object Uint8ClampedArray]"===c?e+=Ma:"[object
Int16Array]"===c?e+=Na:"[object Uint16Array]"===c?e+=Pa:"[object
Int32Array]"===c?e+=Oa:"[object Uint32Array]"===c?e+=Qa:"[object
Float32Array]"===c?e+=Ra:"[object Float64Array]"===c?e+=Sa:b(new Error("Failed to get
type for BinaryArray"))),b(e+O(d))}else if("[object Blob]"===c){var f=new
FileReader;f.onload=function(){var
c=Ea+a.type+"~"+O(this.result);b(Ga+Ja+c)},f.readAsArrayBuffer(a)}else
try{b(JSON.stringify(a))}catch(c){console.error("Couldn't convert value into a JSON string:
",a),b(null,c)}function Q(a){if(a.substring(0,Ha)===Ga)return JSON.parse(a);var
b,c=a.substring(Ta),d=a.substring(Ha,Ta);if(d===Ja&&Fa.test(c)){var
e=c.match(Fa);b=e[1],c=c.substring(e[0].length)}var f=N(c);switch(d){case la:return f;case
Ja:return g([f],{type:b});case Ka:return new Int8Array(f);case La:return new
Uint8Array(f);case Ma:return new 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._dbName=c,a()},function(a,b){d(b)}),d)});r
eturn 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("SELEC
T 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)

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},f):f(a,g)},f)}function 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)})))).catch(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,"I
NSERT 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)}),function(a){c(a)}))}function ca(a,b){b=k.apply(this,arguments);var
c=this.config();a="function"!=typeof
a&&a|{|},a.name| |(a.name=a.name| |c.name,a.storeName=a.storeName| |c.storeName);v
ar 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,st

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oreNames:[a.storeName]}: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(function(a){c(a)}),function(a){c(a)}))}:va.reject("Invalid
arguments"),h(d,b),d}function da(){try{return"undefined"!==typeof
localStorage&&"setItem"in
localStorage&&!!localStorage.setItem}catch(a){return!1}}function ea(a,b){var
c=a.name+"/";return a.storeName!==b.storeName&&(c+=a.storeName+"/"),c}function
fa(){var a="_localforage_support_test";try{return
localStorage.setItem(a,!0),localStorage.removeItem(a,!1}catch(a){return!0}}function
ga(){return!fa()||localStorage.length>0}function ha(a){var b=this,c={};if(a)for(var d in
a)c[d]=a[d];return
c.keyPrefix=ea(a,b._defaultConfig),ga()?b._dbInfo=c,c.serializer=Va,va.resolve():va.reject()}
function ia(a){var b=this,c=b.ready().then(function(){for(var
a=b._dbInfo.keyPrefix,c=localStorage.length-1;c>=0;c--){var
d=localStorage.key(c);0===d.indexOf(a)&&localStorage.removeItem(d)}});return
h(c,a),c}function ja(a,b){var c=this;a=j(a);var d=c.ready().then(function(){var
b=c._dbInfo,d=localStorage.getItem(b.keyPrefix+a);return
d&&(d=b.serializer.deserialize(d)),d});return h(d,b),d}function ka(a,b){var
c=this,d=c.ready().then(function(){for(var
b=c._dbInfo,d=b.keyPrefix,e=d.length,f=localStorage.length,g=1,h=0;h<f;h++){var
i=localStorage.key(h);if(0===i.indexOf(d)){var
j=localStorage.getItem(i);if(j&&(j=b.serializer.deserialize(j)),void
0!==j){j=a(j,i.substring(e,g++))return j}}}});return h(d,b),d}function la(a,b){var
c=this,d=c.ready().then(function(){var
b,d=c._dbInfo;try{b=localStorage.key(a)}catch(a){b=null}return
b&&(b=b.substring(d.keyPrefix.length)),b});return h(d,b),d}function ma(a){var
b=this,c=b.ready().then(function(){for(var
a=b._dbInfo,c=localStorage.length,d=[],e=0;e<c;e++){var
f=localStorage.key(e);0===f.indexOf(a.keyPrefix)&&d.push(f.substring(a.keyPrefix.length))}r
eturn d});return h(c,a),c}function na(a){var b=this,c=b.keys().then(function(a){return
a.length});return h(c,a),c}function oa(a,b){var c=this;a=j(a);var
d=c.ready().then(function(){var
b=c._dbInfo;localStorage.removeItem(b.keyPrefix+a)});return h(d,b),d}function pa(a,b,c){var
d=this;a=j(a);var e=d.ready().then(function(){void 0===b&&(b=null);var c=b;return new
va(function(e,f){var g=d._dbInfo;g.serializer.serialize(b,function(b,d){if(d)f(d);else
try{localStorage.setItem(g.keyPrefix+a,b),e(c)}catch(a){"QuotaExceededError"!==a.name&&
"NS_ERROR_DOM_QUOTA_REACHED"!==a.name||f(a),f(a)}})}));return h(e,c),e}function
qa(a,b){if(b=k.apply(this,arguments),a="function"!==typeof a&&a||!a.name){var
c=this.config();a.name=a.name||c.name,a.storeName=a.storeName||c.storeName}var
d,e=this;return d=a.name?new
va(function(b){b(a.storeName?ea(a,e._defaultConfig):a.name+"/")}).then(function(a){for(var

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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)&&($a(b[c])?arguments[0][c]=b[c].slice():arguments[0][c]=b[c])}retur
n arguments[0]}var ta="function"===typeof Symbol&&"symbol"===typeof
Symbol.iterator?function(a){return typeof a}:function(a){return a&&"function"===typeof
Symbol&&a.constructor===Symbol&&a!==Symbol.prototype?"symbol":typeof
a},ua=e();"undefined"===typeof Promise&&a(3);var va=Promise,wa="local-forage-detect-
blob-support",xa=void
0,ya={},za=Object.prototype.toString,Aa="readonly",Ba="readwrite",Ca={_driver:"asyncStor
age",_initStorage:C,_support:f(),iterate:E,getItem:D,setItem:F,removeItem:G,clear:H,length:
I,key:J,keys:K,dropInstance:L},Da="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",Ea="~~local_forage_type~~",Fa="/^~~local_forage_type~([~^~]+)~/",Ga=
"__lfsc__",Ha=Ga.length,Ia="arbf",Ja="blob",Ka="si08",La="ui08",Ma="uic8",Na="si16",Oa=
"si32",Pa="ur16",Qa="ui32",Ra="fl32",Sa="fl64",Ta=Ha+Ia.length,Ua=Object.prototype.toStr
ing,Va={serialize:P,deserialize:Q,stringToBuffer:N,bufferToString:O},Wa={_driver:"webSQLSt
orage",_initStorage:S,_support:M(),iterate:V,getItem:U,setItem:X,removeItem:Y,clear:Z,leng
th:$,key:_,keys:aa,dropInstance:ca},Xa={_driver:"localStorageWrapper",_initStorage:ha,_su
pport: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){retu
rn"[object
Array]"===Object.prototype.toString.call(a)},_a={},ab={},bb={INDEXEDDB:Ca,WEBSQL:Wa,LO
CALSTORAGE:Xa},cb=[bb.INDEXEDDB._driver,bb.WEBSQL._driver,bb.LOCALSTORAGE._driver
],db=["dropInstance"],eb=["clear","getItem","iterate","key","keys","length","removeItem","
setItem"].concat(db),fb={description:"",driver:cb.slice(),name:"localforage",size:4980736,st
oreName:"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._co
nfig=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(){}))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"!==typeo
f 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

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f=eb.concat("_initStorage"),g=0,i=f.length;g<i;g++){var
j=f[g];if(!Za(db,j)||a[j]&&"function"!==typeof a[j])return void c(e)}(function(){for(var
b=function(a){return function(){var b=new Error("Method "+a+" is not implemented by the
current driver"),c=va.reject(b);return h(c,arguments[arguments.length-
1]),c}},c=0,d=db.length;c<d;c++){var e=db[c];a[e]||(a[e]=b(e))}}());var
k=function(c){_a[d]&&console.info("Redefining LocalForage driver:
"+d),_a[d]=a,ab[d]=c,b());"_support"in a?a._support&&"function"===typeof
a._support?a._support().then(k,c):k(!a._support):k(!0)}catch(a){c(a)}});return
i(d,b,c),d},a.prototype.driver=function(){return
this._driver||null},a.prototype.getDriver=function(a,b,c){var
d=_a[a]?va.resolve(_a[a]):va.reject(new Error("Driver not found."));return
i(d,b,c),d},a.prototype.getSerializer=function(a){var b=va.resolve(Va);return
i(b,a),b},a.prototype.ready=function(a){var b=this,c=b._driverSet.then(function(){return
null===b._ready&&(b._ready=b._initDriver()),b._ready});return
i(c,a,a),c},a.prototype.setDriver=function(a,b,c){function
d(){g._config.driver=g.driver()}function e(a){return
g._extend(a),d(),g._ready=g._initStorage(g._config),g._ready}function f(a){return
function(){function b(){for(c<a.length;){var f=a[c];return
c++,g._dbName=null,g._ready=null,g.getDriver(f).then(e).catch(b)}d();var h=new Error("No
available storage method found.");return g._driverSet=va.reject(h),g._driverSet}var
c=0;return b()}}var g=this,$a(a)||a=[a];var
h=this._getSupportedDrivers(a),j=null!==this._driverSet?this._driverSet.catch(function(){ret
urn va.resolve()}):va.resolve();return this._driverSet=j.then(function(){var a=h[0];return
g._dbName=null,g._ready=null,g.getDriver(a).then(function(a){g._driver=a._driver,d(),g._wrap
LibraryMethodsWithReady(),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.sup
ports=function(a){return!!ab[a]},a.prototype._extend=function(a){sa(this,a)},a.prototype._g
etSupportedDrivers=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}));

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