1a.nama aplikasi:pembelian online handphone

b.aplikasi ini dilengkapi dengan pwa:add to home screen,service worker, offline fiturdan responsive, dengan konten home,pesn product dan contact.

c. pwa:add to home screen,service worker, offline fiturdan responsive.

2. a.web yng mendukung responsive web layout

<meta name="viewport" content="width=device-width, initial-scale=1">

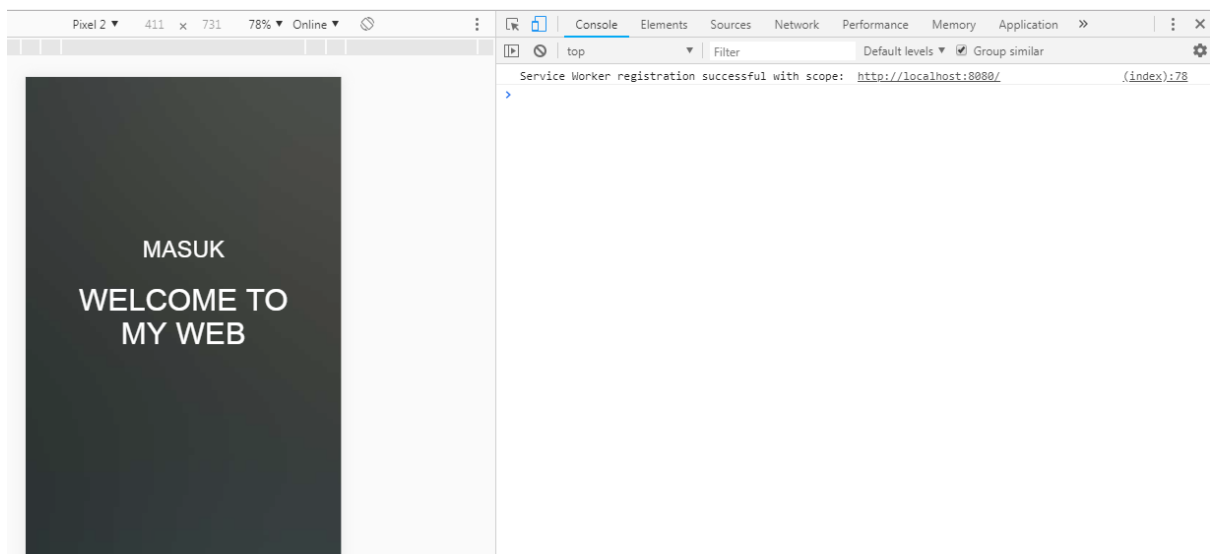 b.service worker

script instal:

```
<script>

  if ('serviceWorker' in navigator) {

   navigator.serviceWorker.register('service-worker.js')

    .then(function(registration) {

     console.log('Service Worker registration successful with scope: ',

     registration.scope);

    })

    .catch(function(err) {

     console.log('Service Worker registration failed: ', err);

    });

  }


  </script>
```

Service worker.js:

```
(function() {
  'use strict';

  // TODO 2.1 - Cache static assets on install
        var CACHE_NAME = 'elektronik';
        var urlsToCache = [
        '.',
        'index.html',
        'cover_bg_1.jpg',
        'app/index.html',
        'app/admin/css/materialize.css',
        'app/admin/js/materialize.js',
        'app/css/nivo-slider.css',
        'app/js/jquery.tools.min.js',
        'app/contact.html',
        'app/img/demo/xi2.jpg',
        'app/img/demo/xi3.jpg',
        'app/img/demo/xi4a.jpg',
        'app/img/demo/xi5.jpg',
        'app/img/demo/xinot5.jpg',
        'app/css/style.css'
        ];
```

Hasil eksekusi service worker ter instal

C.fungsi yang di jalankan saat service worker

d.caching file yang di gunakan

scrict cahche file;

        var CACHE_NAME = 'elektronik';

```
var urlsToCache = [
'.',
'index.html',
'cover_bg_1.jpg',
'app/index.html',
'app/admin/css/materialize.css',
'app/admin/js/materialize.js',
'app/css/nivo-slider.css',
'app/js/jquery.tools.min.js',
'app/contact.html',
'app/img/demo/xi2.jpg',
'app/img/demo/xi3.jpg',
'app/img/demo/xi4a.jpg',
'app/img/demo/xi5.jpg',
'app/img/demo/xinot5.jpg',
'app/css/style.css'
];
```

Hasil cache file

Terlihat file diatas tersimpan di cache storage.

e.fungsi index db

script index db

```
function buatDatabase() {
    var request = window.indexedDB.open('elektronika', 1);
    request.onerror = kesalahanHandler;
    request.onupgradeneeded = function(e) {
        var db = e.target.result;
        db.onerror = kesalahanHandler;
        var objectstore = db.createObjectStore('produk', { keyPath: 'id' });
        pesan.innerHTML += 'Object store produk berhasil dibuat.<br>';
    }
    request.onsuccess = function(e) {
        db = e.target.result;
        db.onerror = kesalahanHandler;
        pesan.innerHTML += 'Berhasil melakukan koneksi ke database!<br>';
        bacaDariDatabase();
    }
}
```

Script function menambah ke data base indexed db

```
// Tambah ke database
tambahKeDatabase({
    id: id.value,
    nama: nama.value,
    type: type.value,
    harga: harga.value
});
```

Form Input HandPhone

ID HANDPHONE

127

NAMA

xiaomi

TYPE

5d

HARGA

6000000

TAMBAH

ID HANDPHONE	NAMA	TYPE	HARGA	
123	xiaomi	5a	2000000	Hapus
124	xiaomi	5b	3000000	Hapus
125	xiaomi	5c	4000000	Hapus
126	xiaomi	5c	5000000	Hapus
127	xiaomi	5d	6000000	Hapus

Sebelumnya menginputkan terlebih dahulu seperti pada gambar di atas makan akan tersimpan di index db seperti dibawah ini

3.a halaman utama

b.tampilan monitor service worker

c.tampilan hasil cache storage

d.tampilan object store dari indexed db

e.ukuran file saat oofline

d.developer tool masih error
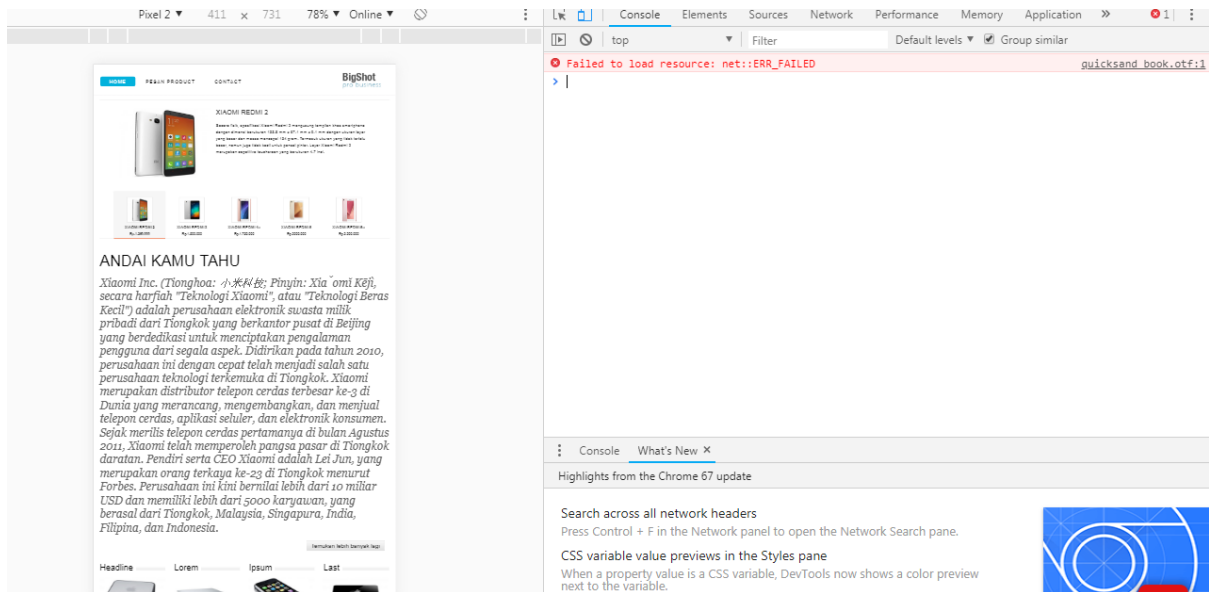
4 a.yang paling mudah; service-worker karena, pembuatan scriptyang simpel dan dan muda.

b.yang paling susah developer tolls, karena masih terdapat error.

Alamat web host saya: https:s//tepe16.github.io/praktikumwebmobiletegar/