- icon & manifest contd...

```
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fi"</pre>
  <meta http-equiv="x-ua-compatible" content="ie=edge">
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <title>Form</title>
 <link rel="apple-touch-icon" sizes="180x180" href="/apple-touch-icon.png">
<link rel="icon" type="image/png" sizes="32x32" href="/favicon-32x32.png">
<link rel="icon" type="image/png" sizes="16x16" href="/favicon-16x16.png">
<link rel="manifest" href="/manifest.json">
<link rel="mask-icon" href="/safari-pinned-tab.svg" color="#264de4">
<meta name="msapplication-TileColor" content="#ffc40d">
<meta name="theme-color" content="#262ce4">
<meta name="apple-mobile-web-app-capable" content="yes">
<meta name="apple-mobile-web-app-status-bar-style" content="default">
<link rel="apple-touch-startup-image" href="/apple-touch-icon.png">
</head>
```

```
{} manifest.json ×
   1
   2
            "name": "SSN College of Engineering",
   3
           "short_name": "SSN",
            "icons": [
   4
   6
                    "src": "/android-chrome-192x192.png",
                    "sizes": "192x192",
   7
                    "type": "image/png"
   8
   9
               },
  10
                    "src": "/android-chrome-256x256.png",
  11
                    "sizes": "256x256",
  12
                    "type": "image/png"
  13
  14
  15
            "theme color": "#262ce4",
  16
            "background_color": "#ffe22d",
  17
            "display": "standalone",
  18
  19
            "start_url": "/index.html"
  20
```

- SW registration

```
▶ CSS

✓ js

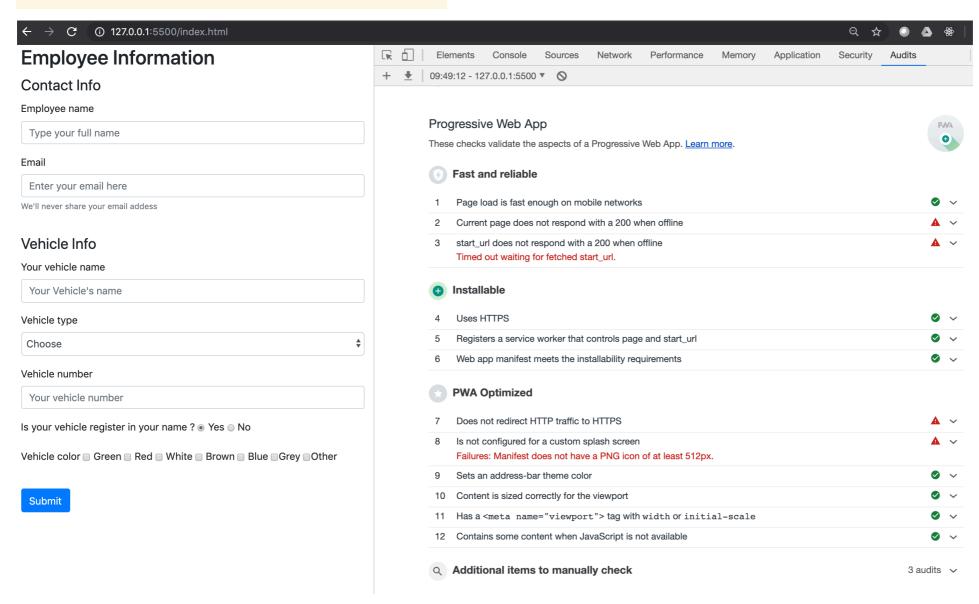
 Js bootstrap.min.js
 Js jquery.slim.min.js
 Js main.js
 Js popper.min.js
android-chrome-192x192.png
android-chrome-256x256.png
apple-touch-icon.png
browserconfig.xml
* favicon.ico
index.html
{} manifest.json
mstile-150x150.png
safari-pinned-tab.svg
JS sw.js
```

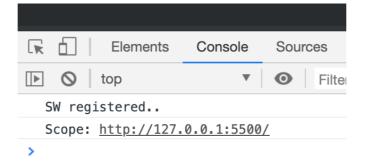
```
Js main.js
            ×
       if ('serviceWorker' in navigator) {
   1
           navigator.serviceWorker.register('/sw.js').then(function(result) {
               console.log('SW registered..');
   3
                console.log('Scope: ' + result.scope);
  4
           }, function(err) {
  5
               console.log('SW could not be not registered..');
  6
               console.log(err);
  8
           });
  9
       } else {
 10
           console.log("SW not supported !!")
 11
```

- SW registration

```
<script src="js/main.js"></script>
</head>
<body>
```

// index.html





- SW install

```
JS sw.js
            ×
       var cName = 'f1';
  2
       var cFiles = [
  3
           1/1,
  4
           '/index.html',
           '/manifest.json',
           '/css/bootstrap.min.css',
           '/js/main.js',
  8
           'js/bootstrap.min.js',
  9
           'js/jquery.slim.min.js',
 10
           'js/popper.min.js'
 11
 12
       ];
 13
       self.addEventListener('install', function(evt) {
 14
 15
           console.log('Install event');
           //local cache implementation
 16
           evt.waitUntil(
 17
               caches.open(cName).then(function(cResult) {
 18
 19
                    console.log('caching..');
 20
                    return cResult.addAll(cFiles);
               }).then(function() {
 21
 22
                    return self.skipWaiting();
               }).catch(function(err) {
 23
 24
                    console.log('caching error..', err);
 25
               })
 26
           );
 27
       });
```

- SW activate

```
self.addEventListener('activate', function(evt) {
    console.log('Activated SW.. ');
    evt.waitUntil(
        caches.keys().then(function(keyColln) {
            return Promise.all(keyColln.map(function(key) {
                if (key !== cName) {
                    console.log('deleting older cache', key);
                    return caches.delete(key);
            }));
    return self.clients.claim();
});
```

- SW fetch

- SW 'beforeinstallprompt'

- SW 'beforeinstallprompt'

```
var ie;
window.addEventListener('beforeinstallprompt',function(evt) {
    console.log('bip event..');
    ie = evt;
    evt.preventDefault();
    document.getElementById('a2hs').style.display = 'block';
});
function dismiss() {
    document.getElementById('a2hs').style.display = 'none';
function install() {
    dismiss();
    ie.prompt();
    ie.userChoice.then(function(res) {
        if (res.outcome === 'accepted')
            console.log('App installed..' );
        else
            console.log('App not installed..');
    });
window.addEventListener('appinstalled', function(evt) {
    console.log('Event appinstalled..');
});
```

- SW 'beforeinstallprompt'

