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| Experiment No.: 10 | Implement Service worker events like fetch, sync and push for E-commerce PWA. |
| Aim: | To implement Service worker events like fetch, sync and push for E-commerce PWA. |
| Lab Outcome | Develop and Analyze PWA Features and deploy it over app hosting solutions |

Step 1: from the previous experiment add service woker file in public folder.

Serviceworker.json

var staticCacheName = "pwa";

self.addEventListener("install", function (e) {

e.waitUntil(

caches.open(staticCacheName).then(function (cache) {

return cache.addAll(["/"]);

})

);

});

self.addEventListener("fetch", function (event) {

console.log(event.request.url);

event.respondWith(

caches.match(event.request).then(function (response) {

return response || fetch(event.request);

})

);

});

Add following script in html file.

<script>

window.addEventListener('load', () => {

registerSW();

});

// Register the Service Worker

async function registerSW() {

if ('serviceWorker' in navigator) {

try {

await navigator

.serviceWorker

.register('serviceworker.js');

}

catch (e) {

console.log('SW registration failed');

}

}

}

</script>

You will get the  icon click on it and install the PWA in your desktop.