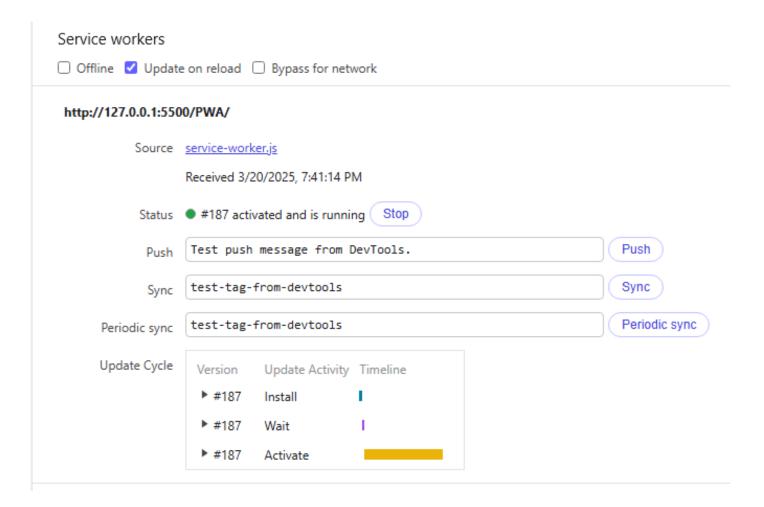
Experiment N0 8

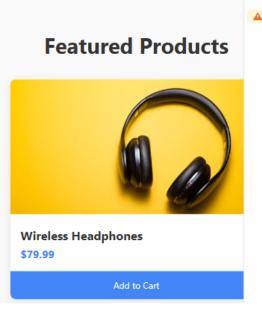
Code:

```
// PWA functionality
let deferredPrompt;
const installBanner = document.getElementById('install-banner');
const installButton = document.getElementById('install-button');
const dismissButton = document.getElementById('dismiss-button');
// Check if service worker is supported
if ('serviceWorker' in navigator) {
  window.addEventListener('load', () => {
    navigator.serviceWorker.register('service-worker.js')
      .then(registration => {
        console.log('Service Worker registered with scope:', registration.scope);
      })
      .catch(error => {
        console.error('Service Worker registration failed:', error);
      });
 });
// Listen for the beforeinstallprompt event
window.addEventListener('beforeinstallprompt', (e) => {
  // Prevent Chrome 67 and earlier from automatically showing the prompt
  e.preventDefault();
  // Stash the event so it can be triggered later
  deferredPrompt = e;
  // Show the install banner
  installBanner.classList.remove('hidden');
});
// Install button click handler
installButton.addEventListener('click', () => {
  // Hide the install banner
  installBanner.classList.add('hidden');
  // Show the install prompt
  if (deferredPrompt) {
    deferredPrompt.prompt();
    // Wait for the user to respond to the prompt
    deferredPrompt.userChoice.then((choiceResult) => {
      if (choiceResult.outcome === 'accepted') {
```

```
console.log('User accepted the install prompt');
      } else {
        console.log('User dismissed the install prompt');
      }
      // Clear the deferredPrompt variable
      deferredPrompt = null;
    });
 }
});
// Dismiss button click handler
dismissButton.addEventListener('click', () => {
  installBanner.classList.add('hidden');
});
// E-commerce functionality
const cartCount = document.querySelector('.cart-count');
const addToCartButtons = document.querySelectorAll('.add-to-cart');
let cartItems = 0;
// Add to cart functionality
addToCartButtons.forEach(button => {
  button.addEventListener('click', () => {
    cartItems++;
    cartCount.textContent = cartItems;
    // Animate button
    button.textContent = 'Added!';
    button.style.backgroundColor = '#4caf50';
    setTimeout(() => {
      button.textContent = 'Add to Cart';
      button.style.backgroundColor = '#4285f4';
    }, 1000);
 });
});
// Service Worker installation and activation
self.addEventListener('install', (event) => {
  console.log('Service Worker installing.');
  // Perform install steps
  event.waitUntil(
    caches.open('ecommerce-cache-v1')
      .then((cache) => {
```

```
console.log('Opened cache');
        return cache.addAll([
          '/',
          '/index.html',
          '/styles.css',
          '/script.js',
          '/images/logo.png',
          '/images/shop_icon.png',
          // Add other assets to cache
        ]);
      })
 );
});
self.addEventListener('activate', (event) => {
  console.log('Service Worker activating.');
  const cacheWhitelist = ['ecommerce-cache-v1'];
  event.waitUntil(
    caches.keys().then((cacheNames) => {
      return Promise.all(
        cacheNames.map((cacheName) => {
          if (cacheWhitelist.indexOf(cacheName) === -1) {
            return caches.delete(cacheName);
          }
        })
     );
   })
 );
});
self.addEventListener('fetch', (event) => {
  event.respondWith(
    caches.match(event.request)
      .then((response) => {
        // Cache hit - return response
        if (response) {
          return response;
        return fetch(event.request);
      })
  );
});
```





Fetching: chrome-extension://gppongmhjkpfnbhagpmjfkannfbllamg/js/js.js ▲ Service Worker was updated because "Update on reload" was checked in the DevTools Ap Service Worker Installed Caching assets Service Worker Activated ■ Fetching: http://127.0.0.1:5500/PWA/index.html Fetching: http://127.0.0.1:5500/PWA/styles.css Fetching: https://images.unsplash.com/photo-1505740420928-5e560c06d30e?ixlib=rb-4 Fetching: https://images.unsplash.com/photo-1553062407-98eeb64c6a62?ixlib=rb-4.0. Fetching: https://images.unsplash.com/photo-1579586337278-3befd40fd17a?ixlib=rb-4 Fetching: https://images.unsplash.com/photo-1608043152269-423dbba4e7e1?ixlib=rb-4 Fetching: http://127.0.0.1:5500/PWA/app.js Navigated to http://127.0.0.1:5500/PWA/index.html Fetching: http://127.0.0.1:5500/PWA/manifest.json Service Worker registered successfully: > ServiceWorkerRegistration {installing: Fetching: http://127.0.0.1:5500/PWA/images/shop icon144.png Fetching: http://127.0.0.1:5500/PWA/images/hero-bg.jpg ☐ Fetching: chrome-extension://gppongmhjkpfnbhagpmjfkannfbllamg/js/js.js Fetching: chrome-extension://gppongmhjkpfnbhagpmjfkannfbllamg/js/dom.js

✓ Service Worker Installed
✓ Caching assets

□ Fetching: chrome-extension://gppongmhjkpfnbhagpmjfkannfbllamg/js/js.js
✓ Service Worker Activated

□ Fetching: http://127.0.0.1:5500/PWA/index.html
□ Fetching: https://images.unsplash.com/photo-1505740420928-5e560c06d30e?ixlib=rb-4.0
□ Fetching: https://images.unsplash.com/photo-1553062407-98eeb64c6a62?ixlib=rb-4.0
□ Fetching: https://images.unsplash.com/photo-1579586337278-3befd40fd17a?ixlib=rb-4.0
□ Fetching: https://images.unsplash.com/photo-1608043152269-423dbba4e7e1?ixlib=rb-4.0
□ Fetching: https://images.unsplash.com/photo-1608043152269-423dbba4e7e1?ixlib=rb-4.0
□ Fetching: https://images.unsplash.com/photo-1608043152269-423dbba4e7e1?ixlib=rb-4.0
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□ Fetching: https://images.unsplash.com/photo-1508043152269-423dbba4e7e1?ixlib=rb-4.0
□ Fetching: <a href="https://images.unsplash.com/photo-1508043152

X Headers Payload Preview	Response Initiator Timing Adblock
▼ General	
Request URL: Request Method:	https://images.unsplash.com/photo-1553062407-98eeb64c6a62?ixlib:
Status Code:	200 OK (from service worker)
Referrer Policy:	strict-origin-when-cross-origin
▼ Response Headers	
Accept-Ranges:	bytes 🌶
Access-Control-Allow-Origin:	*
Age:	2196289
Cache-Control:	public, max-age=31536000
Content-Length:	22112
Content-Type:	image/avif
Cross-Origin-Resource-Policy:	cross-origin
Date:	Thu, 20 Mar 2025 13:13:33 GMT
Last-Modified:	Sun, 23 Feb 2025 03:08:44 GMT
Server:	imgix
Timing-Allow-Origin:	*
Vary:	Accept, User-Agent
X-Cache:	HIT, HIT, HIT
X-Content-Type-Options:	nosniff
X-Imgix-Id:	18f9bb0d88bd11511c6c61c3e37b1008b5606d4e
X-Served-By:	cache-chi-kigq8000041-CHI, cache-tyo11976-TYO, cache-bom4739-B

G X	Y Filter by path
http://127.0.0.1:5500	
Origin	http://127.0.0.1:5500
Bucket name	e default
Is persisten	t No
Durability	/ relaxed
Quota	a 0 B
Expiration	n None
# Name	
0 /PWA	
1 /PWA	′app.js
2 /PWA/index.html	
3 /PWA	/styles.css