	Grungun. Konlerh. Ponjobi
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	PWA EXP NO 08
	dim: To cheate and negister a service worker,
_	and complete the install and activate process
	for a new service worker for the E-commerce
G <sub>I</sub> y	PWA
_	
_	Theory:
	Service worker is a script that works an
	dently . Also it resembles a proxy that work
	on the user Side. with this & script you
	can track network traffic of the Manage
	bush notification and develop offline trust
	con track network troffic of the Manage  push robbication and develop offline trust'  web application with rache API
-15	Service worker cycle
-	No instant activate Tode
+	(No sinstant activate ) Idde (wonton) Event Event
16	Stopper
	& service worker get Mrough three steps in the
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	- Installation
	· Activation
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	what can we do with service workers?  . you can dominate Network Traffice
in .	l. cooke
	· you can Manage Push Notification
- 15 m 30	The state of the s
	· what can't we do this with Service work
Ans:	you con't access the window
	you con't work it on so port
	And the sea tool to brushed to be and
	Activation; The activate event ensures that old
- Land	are deoned up with a new version of
	Service worker is installed
C	applies of the state of the
	strategy (such as cache first on network first
	to device how to serve resource to
	when Mey 're offline
	of off time
	nclusion: In conclusion the process of coding
1	egistering a service was to
will will	egistering a service worker for my fundraina ebapp involves serval important step to en
v	your app function offline and deliver entry
pe pe	forMance.
	again to the second
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Name: GUNGUN PANJABI

Div:D15B Roll No: 64

Mpl Practical 8

## Steps to Make Your Vite React App a PWA

## 1 Register the Service Worker

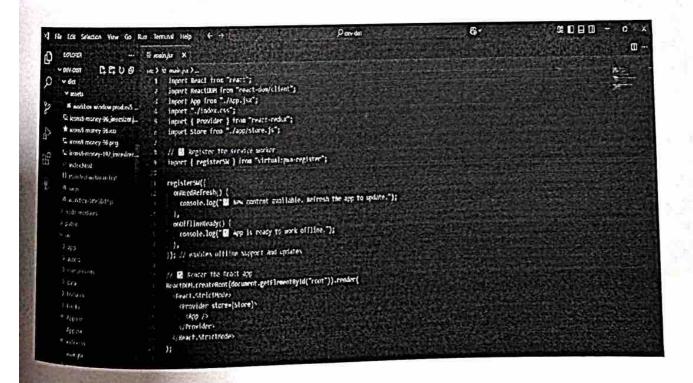
- 1. Open main.jsx (or wherever React renders the app). 2. Import the registerSW function from virtual:pwa-register. 3. Call registerSW() to activate the service worker.
- 4. This ensures that the app works offline and updates correctly.

## 2 Verify PWA Installation

- 1. Start the Vite development server.
- 2. Open Chrome DevTools (F12) → Go to Application → Manifest.
- 3. Check if the Install button appears in the address bar. 4. Install the app and check if it works like a standalone application.

## 3 Test Service Worker Activation

- 1. Open Chrome DevTools → Application → Service Workers.
- 2. Check if the service worker is registered.
- 3. Enable Offline mode and refresh the page to test caching.
- 4. If the app loads, the service worker is working successfully!



```
✓ dev-dist

JS registerSW.js

JS sw.js

JS workbox-417a7fbf.js
```

