	Shrusti Chint awar			
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			Page 10 , Date	
J	MPL	issignment 2		
			- Livoro	
01)	Défine progressine well	App (PWA) &	nplain its significance	
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Som.	A progressive Well as	op (PWA) is a t	ype of will applicate	
	that combines the bu	st features of	hoth traditional will	
	pages & nature molile	apps would	tarra wakerkit	
	It leverages modern in	le technologies à	such as piritice workers	
	manifests, & responsence	disign, to de	luir a fast reliable &	
-@-	engaging user enpere	nce across diff	went dusigns	
3 1	INTERNAL WARRY FOR A STORY	AUTHUR A WINELL	i Mi al siau	
and the	significance of PWAs in	modern web d	euglopment.	1
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dom two	their ability to prou	ide app tike en	percinces without requi	z
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(3)	Improved performance	: Caching & eff	icint loading reduce	100
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	difference in pWA &	Traditional Ap	23	_
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02)	define responsive well design and emploise its import	<u></u>
	- ance in the content of progressive well. Apper correspond	u ¥
F (4.)	connact responsing fruid, & adaptine and rating ap	pro-
- a. in	aches	
801115-	Responsive well disign (RWD) is a technique that m	rakes
111717 1	web pages adjust entomatically to different screen	sige
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doub	Importance of Responsive design in PWAS:	7-
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2)	fluid assigns smoothly but may not be fully optimized
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	fluid resigns smoothly but may not be fully optimized adaptive loads different layout based on device-type
1	describes the lifecycle of services morkers, including registre
	-ation, initialization & activition process
eoin,	tipagel of services morpers. A services morper is a sorret
<u>C</u>	that owns in the background and helps a well sapp work
	offine, was faster & sins push roughesters, six aftergrants
	has 3 main phase
also sed.	edigine where it is a hour of the broad in a second to the second of
1)	Registration phase: The honour register the service
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UD TO	y (« service morkin' in naugator) la
	ravigator suvice worker register
1	. then () -> console-log (" service registered")
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بالليدي	: ((Cronsecuint storage same abantana bila file be le
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2)	Installation phase
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0	JS) and million is marked in
<u> </u>	successful its mous to the activation phase
	code eg
	of self add Eventlistener ('install' event ⇒d

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	cache open (1 app-cache)
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A TH ROLL	Activation phase is A made on many to the state of the
too an	The old sinuices moreir is replaced with new one
la contitue	requist-serves eached files & types data
5 11	body along the
04)	Explain the use of indened DB in the services morker for data
1	istorage el man and and and and on the matter to and
con:	un of Inden DB in sentier worker for data storage; Indend
	DB is a prouser database that stone large amount of
	shutund data like ISON olyicks It helps pufi work of
	-line by sawing & retreiving data efficiency
	radicales secures destroy in in the
•	why use Indened DB in service workers ?
(1:1)	selline support - store data when offline & sync it later
(in)	eliticient storage - sames structure data like user setting
甘	offline support- store data when offline a syne it later efficient storage-sames shuteture data like user setting cart illens or form injulis
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ולחו בביב	fastin occiss-rethielus data quickly without ruding
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iv)	shiritalint data data unain samed even after the
	prinstent data data unains samed even after the
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How service morkers use Indened D89 opening the database: let db s let alquist = indined DB open ('My datallase', 1); regust-onsucuss: junction leunt) (db = event tanget-rerun; ereating a stone & adding Data regust origogrammeded = function (ellent) { let db = event target usult; Store. add (Eid: 1, name: (John Doc), age: 25 }); fetcherig data ir service morker let transaction = db. transaction ('users', (readonly'); let store: transaction. object (Gser); let geturn: semi.get(1); get eser onsuccess: function () d console (og lget user result);