phairgon Jain O1513 O1513 Assignment-!
firster for mobile app development
Adventages & and Features: Dingle Darobose: write once and run on 60th android and iOS
i) Fast development: Instartly see changes
to create highly customizable UI
2 Performence: Flutter compiles no native code, ensuring smooth chim anon
Widget library: pre designed material and upertino widget for android 8:05
How flutter differs from proditional approaches reditional mobile clevelopment receive to me to
roditional mobile clevelopment requires departe before for android and iOS, which in creens
Her differs by:
Using widgets instead of native UT component ery mins in flutter is a widget making UI velopment consistent ocross partorn
Teacher's Sign.:

prairgosh Join pepine purt and explain its significance in modern reference purate Discuss the key characteristics that A PWA is a wes application that writige medern wes capabilities like service workers monited and responsive design to deliverage an experience to similar to native mobile apps puras one post, relicableand engaring, functioning well even in martoin conditions Significance of PWA · crosplotforn development · Offline Support . Installation vitor Appstore · Push Notifications · Improved Performance ·SEO Friendly Key ananoteristics Traditional mosile app PWA Fe sture Through app stores Installation Directly from browser Seamless Automatic Monuality update on Update automoric via story Updates Platform-specific Platforn Werterow Vicat for notive co Fost via coding Performace App stores Full device Integra Wes URL Disnistion Push notification User Engregement

2) Define Responsive was design and explore is Importance. Compre responsive, this od adaptive design approares I RIOD is a design technique that ensure creen size and orientations. · puls on to work seamlessly across devices, Without responsive design to app may be on usable sine · En nouse user experience · Contribut to SEO Ronking Des parive Adaptive Use paran toge -Uses pre-defined 2) Mignly flexible
3) Generally optimized laced widths finced logos Very please Limited pleasi fast Landing May load ( crips 9) Alderia vin 1 All derices, coljest Specific lago. layout Side proportionaly

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par qui	Parcing Superage	45 6 6	Service Services	S. Instrict	Clears Ciech	1) ferring	

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- Deplain Use of Indored DB

Tradexed DB is a 1000-level, appropriate API provided by modern browsers to shore in volume of structured and support transaction wing we Indexed DB: events offin and con persist large mounts of data

Allows storing API responses, borndon ings or opp state - Enable advanced cooking storegis line "stale-while-revalidate" Using 4 is service workers: - Ido of for syncing data when the user " (as be combined with besteground synch