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(1)	As per my knowledge, one notiscible front in the
	muhile coa industry that was influcing one
, ,,,	andouid plutform was the vise of progresive
	web cup PWAS close web applications that often
	upp-like experiences directly through web browser
	app. The experiences constant
->	Impact on Android app developer -
	Impact on Anexaic equitions to
2)	1) Cooss - plutform rempertibility ! PWHS use designed to
	and the state of t
	work seamlessly more engaging user experience
_	
المامالا المامالا	2) Progresive Enhoncement !
inter b	Developers needed to
353	adupt progressive end enhancement strategioes to
est start it	ensure that Android apps remained competivie
1,000	by offering progressive and responce user
	experience similar to PWAS.
	and the first of the second of
(2)	In Android development on Influter refer to the
- 60	languat inflator which plays a roucial sole in
	execting a user interferce from XML layout diles
-)	1) XML layout filest
	In Android VI companents eve
	often defined using XML layout files.
->	2) Layout Inflation!
	when your Android cife runs.
112	Out and the state of
	View objects that can be displayed on the screen. Page No. I

It is responsible for readling the Signal Loyout files and Instantialing the Corresponding views objects in memory.

34) Dynamic UI Creation!

Valuable when you need to coente UI pelements dy namically, for example, in responce to user insection.

-> 5> Binding Dutat

they can be further customized and duty can be bound to them.

A custom Diploy Box in Android is a populp window that developers can design and customize to display information, options or actions to the wer. It's a versuite VI element for showing alerte inputs forms, confirmation dialogs, or any their customs. introctine that doesn't the standard layout of an Activity. Ext when you need to provide a tailox were experience or other tests specific input from the user without to a new screen like alerting warring asking for input at like gander, name, etc info. for Ruting etc.

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(4)	To do to '
	In Andorid app development, Activities, services of the
	condouid manifest file work dugether do create, the
	Stoucture of functionality of an app.
٠	=> Activities:
	Activities represent indivisual screens
	or user interfaces in an Android app
	Ext- Imagine a simple emoile app with two
	activities: one for composing emails 6
	another for viewing the inpur
()	Cartering to a strained a manner of the State of the Stat
->	2) Services:
	had a sure that
	perform lung running & operations without a
	nier interfull.
	Ext In our email app eximple, a servance
	Civild be used to peorally theen
	emuils in the buckersound riplate the in box.
بـــــــــــــــــــــــــــــــــــــ	3) Andopid manifest filet The Andopid manifest XMI
	C'I How deliness essequel
	information about the corp its components and
	Company the state of the state
	such the manifest file, you specify which
	activities & services the cipp contains, their
	properties, & any permission required, among
	other things.
	V.R. Telecom & Xerox

The andouse munifest file is a conticul component of an Andouse application.

EX1-

The Andour'd manifest file is where you delase all the Components of your andour'd explication, including activities, services, broadcast recivers and Contect providers.

The state of the party of the western first

<application. >

<activity andovide name = " main Activity">=

<indent - filter>

with icaliance bioring of

(luctivity)

< Pouvider >.

andovid: name = ". My Content Pourider"

andovid: nume = "Com. example. my app. pourider"/)

</creation>

2) Application Configuration!

-> <application:

endouid: icon = " @ douwable / app_icon"

condouid: label = " @ stoing / upp_ name"

endouid: theme = " @ style / app theme"

condouid: ellow Backup = " toue"

endouid: oversion (ude = "1"

endouid: Version Name = "1.0")

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	The state of the s
(6)	Resources croe the additional files & static Content
	that your code uses. such as bitmaps layout
ч	definitions user interface string, animation instruction
	& more.
Towns of	to some mother was in the same
,	
1/1	resources agrees over a.
<i>~</i>)	1) Animation resourcest
	Define pre-desermined unimusions
	fame animations are saved in residouwable and
0	accessed from the Ridrawable class
	ACCESSES 4 000 THE THE HARDEST STATE OF THE
-)	2) Colub State list desourcet
	Define a Color resource
- 9	that changes bassed on the view state. Soved
	in res/color/ and accessed from the R. color
, -, -,	Classes to the factor of the second here
	LANGE POTENTIAL AND A STATE OF THE PARTY OF
~)	3×Drawable resourcest
	Define Vanious gauphics with
	bitmaps or XML
	The state of the second of the
->	4) layout resources!
	Define the layout for your
	capplication UI.
	sections a meridian was interpreted and so so the
7	5) Menu desouveest
	Define the contuts of your
	upplication menus.
	and starting the same and all sole to
	V.R. Telecom & Xerox

Page No.

- element.
- -> Day font resourcest Define the families so inculude custom

 front with XML in the sourcest of the families of the families
- Estimates allow capps to perform tasks in the buckground without blucking the user interface.

the Animerian resources and the same

SCHOOL BESCHOOL CONTRACTOR CONTRA

- to Mery researchst

- >2) long sunning operation!

 Services use ideal for healing operations that sequire more time to complete such as playing music.
- =>3) Inter Component Communication!

Components like activities boodcust receivers and other Services to communicat with each other efficiently.

= 4) foreground Service

in the foreground, even when the app isn't in the foreground

- => Process of Developing an android service.1.
- -12) Defines the service class +

The the leyens dire your

or kotlin class that extend the 'Service' class.

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-2	2) Configure Service in munifest! Declare your
	file
	service in the Android munifest xml file
	to inform the android system and mount
	exsit and configuration.
	exsit and configuration. Service android: nume = ". My service"/>
->	3) Sourt or Bind the service:
	want to street your service or bind it
	to other components.
٠-	4) Implement service lugic + To service cluss, implement
7	
	the specific logic your service need to perform
	its tusk
=)	5) Hundle lifecycle:
4	Valouse spesource when any
	no longer needed and consider rusing 'stopself
	er 'stupservice ()'.
-)	6) Interect with other components!
	We chosopsiate
	mechanisume like intents brodeast or cullback
	to facilitate Communication.
	To garring
- 3 A T	Page No. /

The your services cuptional:

The your service

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