	and Tacking ) i-
_	system & functional Testing (Black Black Black Testing):-
	And I will all the second of t
	On the David Comment from DIT C Development integration
	In this firstly Build comer from DIT ( Development integration
	Testing) Enviornment to the SIT (Software Integration Testing).
	residence of the ela the
	- so, whenever the Build comes on sst , we need to do the
	to check
-	Saniter testing For the Stabinity of build.
	After sanity testing this system Integration test is happen so
	HATES Denire restrict this
	that we also called it as "system and functional Testing".
	d solving the correctness of
	SIT is the Enviormment where we elecking the correctness
	Completeness of functionality of the system as per ser document or
	Completeness of Fanctionality of the
	we can say that user Requirements.
	This system and functional testing done by the Black Box Tester,
	so we called as Black Box Testing also.
	sullen and functional Technological includer such types of testings:
	system and functional Testing includes such types of testings:
	1) Functional Testing
	2) Usabillity Testing
	/
	s) Security Testing
/	uh Der Cormunes Telling
	4) performance Teiling
	so these types of testing have been done in BBT and Testers
1	are involved in this Testing.

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4) Functional Testing:
- functional Testing is the process of checking correctness of
Completeness of the functionality of the build.
- Afunctional Testing testers are going to check Internal functionality
depend upon external functionalitys.
- How escactly application will behave with user is tested in this
Testing ( i.e functional testing)
- In this functional testing there are different coverages:
1) Behavioura Coverage
2) Input Domain Coverage
2) Error Handling Coverage
4) Back-end coverage
5) Service level Coverage
ch Calulation have Coverage
- functional testing consist of two parts: 2) Non-functional Testing
4) Behavioural Coverage:
- In this Behavioural coverage of functional testing we check
the properties and Behaviour of the object.
for example!
I suppose if there is "Text Box" so will check the property
of text box is accept user input or Not and in behaviour
will check it will focus while curson on the text box so it
will focus or Not.
2) If there is Motification box of Terms and condition in this will
check the property that it will do tick when user click and in
Behaviour will check that it will check uncheck
1) Input Domain Coverage:
- In Input domain coverage we are going to check type and size
of Input.
- Type means Datatype of Input and size means if there is Mobile
so size is '10'.

- for calculating Input domain overage we have two methods:
Ecp (Equivalence Class purlitioning)
BVA (Bounday Value Analysic)
Peop (Equivalence class partitioning):-
- Exp. is a technique which is used to reduce (Huge data) i.e
test date into Managable part.
- It maintain dalatype of object.
- How will do Ecp:-
is first Identify Input data pattern
2) Group Input date as per expected behaviour is equivalen).
3) Each one is Equivalence elass
- Example: If there is sale on cloths in 'Brandfactory' and they
offer Discound on order amount greater than 150001-
- so Here, there are two equivalence classes
ay 1 to 150001-
b) above 150001-
BVA (Boundry Value Analysis)
- In Boundry Value Analysis Application changes it's Behaviour at
boundry so it is neccessary to consider that condition also
so we need to use BYA method.
- It checks the size of object
- How will check BVA:
i) firstly find out the main value
1) will check condition at a) At Boundry
b) Boundry +1
- Escample! If we consider same example as ECP so we have 2
Ecp classes we need to check a) of 150001 - (i.e at boundry)
b) 15000+1 (Bounday+1) c) 15000-1 (Bounday-1)
e) 15000-1 (Bounday-1)

2) Error - Handling Coverage:-

- In Error handling coverage we are going to check wether System shows correct error message or not so this kind ofteshing we are doing in Error Handling coverage.

- for escample!

and that pincode accepts only 6-digit pincode.

- And if user putr only 4-digit in this box and click on enter so, in that case system should Highlights text box

with red colour with error msq "please enter 6-digit-No".
- so this kind of Validation we done during this coverage

wether system shows cover msq or not.

4) Back-end Coverage:-

- This Back-end coverage we are going to Validate in functional

Testing.

- for any software I system there should be a backend means there is Dakubuse.

information from user get stored in database or not.

- Also In this we can check wether date get fetch from database or Not.

example!

If we are filling some Information through form of any application so that will be stored in database through package so if we want to test I felch the information from database so in that case we need to hit the querier for fetching information from database.

- so these are the types of testing will be done during this Buckend coverage.

Service - Level Coverage:
- As a product owner will prepare the Sequence for the functions,
Modules and wers stories in the functional flow diagrams
- so as per the sequence of the functionalities of module
get tested in Service-Level coverage.
- In this coverage we are going to check working How of
system as per functional How diagrame.
- for excumples
Suppose if there is flow of Application loging - for authenticals
Level - Commence of the Control of t
go into the Application Icon -> elickon
The second of th
Asking For login - Credentials
4
If Not login already -> then ask for sign-up
The state of the s
fill the sign-up form - submil-
and get log-in into application -> as authenticute
de gual à la constant de gual de la constant de gual de la constant de gual de la constant de la
do surfing into application - access content of App
English Lower L
- so if this kind of flow will be generale for login so in
service level coverage will check that it will sequentially perform
the flow or Not.
- which is already created by our product owner in the
fundianal flow diagrame.
- so this kind of service - level testing is done during the
functional Testing.
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of Calculation - Base Coverage: -

- In this calculation base coverage we check about the arithmatic

- Arithmetic operation means Addition, Substruction, Multiplication,
Division those operations we checked in this coverage.

for examples.

- If there is Banking Application and if customer credit-Some amount into the Account so it reflect with the "additing" amount with Priviously available value.

- and if debit so substructed sealure will get seffect in

- so this kind of operation we are going to check in this-