Ghaffar (SE-19019) Rushra Subject: SQE(SE-309)

Module 1 [Marks:5] Test(b)

Instructions: You can pick questions in any order but all parts of a question must attempt altogether

Roll# & Section_SE - 19019.

1.a Itsis claimed that expanded definition of SQA supports those who are interested in increase client satisfaction. Do you agree? Justify your opinion with suitable examples or arguments [2]

1.b Why involvement of SQA is mandatory in SDLC , Explain . [2]

1.c Why it is important to prepare SQA plan for a project? Explain [1]

Test(b) Module 2 [Marks:5]

2.a Differentiate Static and Dynamic Testing techniques, also elaborate importance of each technique.[2]

2.b Consider the example of Login Screen . System can return successful login message if and only if correct Email and Password are provided, A message of' Fail Attempt "will return otherwise.

Create Decision Table, Reduced Table and design test cases for above

mentioned scenario. [2]

2.c Write down possible input(s) and output(s) of project designing and Testing phases [1]

Test cases for Login Screen:						
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1	Nome =	login-Screen	De	signed Dot	e = 19-May.	1672
			***	- Control	L	1 1-
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	password	Udelogta	07 (725 - Y)	-> 14	Showing of	nass
02	Envalled ED Valled Passurd	0.	Abushudagmaileon ab Zd 1234	failalkingt	merringe	
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		L CHILL XUMO L	0, 70	affempt	message !	_
04	Invalid 20 to tovaled panual	Enter 10 and enter passoned click Login	begnailcen 578	should bisplay fail attempt	full afterph message	pass !
6	(2(a)					
•	yes , I	the expanse	ded definit	im of s	QA support	
(tro ber	scheduling	and bu	deting	strakgy the	J
Because the expanded definition of SQA support to poor Scheduling and budgeting strategy that Increases the dient satisfaction. Increases the dient satisfaction. The a client mants of management system.						
If a client wants of management system						
If a client wants of management system in 3 months with a budget of 20 Lacs. But the team build that System in 5 months with the team build that System it would not be a budget of 97 Lacs then it would not be						
+	he team	build that	acs ther	it woo	uld nut be	•
	Latisfactory	. But If	2 we for	ollow th	e SQA	
ex purded definition then with a budget of 80 lacs						
the team build that System in Smorting he a bridget of 97 Lacs then it would not be SQA Satisfactory. But If we follow the SQA expanded definition then this system will be expanded definition then a budget of 80 lacs build in 3 months with a budget of 80 lacs than client would be Satisfied.						

Q2(c) Importance of SQA plan:

- If it important because it deals to build fest cases for tasks to be performed.

-> It also tells the three things which is

O what: it means which ospect of software would be tested

(2) Who: it means who is repensible for conducty the tests

when It means when and in which phax tests are conducted i.e (planning, designing,)

Q1(b)

it ensures at every step of splc even at requirement gathering to if the Kequirements are downented correctly.

The software works correctly according to the Customer's requirement, expectation and demand throughout the SALC.

It prevents failure, means due to SQA

We can detect errors in the phase which
they occur. If we donot use SQA then
dierrors preceding to other phases and tastly
at the end system is failed,

> It also tells the Scheduling and budget. Requirements that's why it is won dartony in SDLC.

Static Testing | Dynamic Tes Dynamic Testing: 1- It is related to validation 1- It is kelated to verification 2- It involves test cases 2- It involves checklist for for testing process. testing process 3-It is done after compilation 3-It is done before compilation 4-It is performed for finding and fixing defects. 4- It is performed for prevention Importance because it 1- It is important because it saves alot alities are Uworking when we are of all functionalities

if all func	tionalities ited or not.	-
2(C) phase	Dutout	
Designing	- SRS, SDD - Test plan rus - Testing effort estimation	
Testing	- Test plan - Test summary Report - Test bala - Test Dala - Develop application - Develop application	

conditions.

C1 = Email Id (correct Yealid)

C2 = password (correct/valid)

Action:

- Legin. - Not login

columns = 2 Condition

Columns = 22 = 4 alumns.

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Londitions	Rule 1	Rule 2	Rule 3°	Kelle
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	N	N	N	1 4
fetimes	1		10	

1	Reduc		Table:
tonditions	Pule1-2	Pule3	Rule 4
	F	F	7
Actions	N	N	Y
	1		1

* Assumption:
Here (-) represents
any data either it
is kne or false.