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SE-053 Syeda Tooba Ali Date:
Question:1
FUNCTIONIAL VICTION FUNCTIONAL
Finctional acquirements are those
requirements which describe the junctionality of the system i.e what the system does
of the system i.e what the system does
and how it seacts to inputs and behaves in different situations:
in different situations:
Whereas
Non-tynctional requirements relate to
the system as a whole and they captule
the agreement behavious of the system include
timing, performance, reliability, accuracy, security constraints e.t.c.
security constraints e.t.c.
FOREN DOWN ON THE STANDARD OF CA
Examples of NFRs:
the chalmonts like "take at we . Rapid and
Response", "Recovery from Failure" are Non-junctional regs.
Non-functional regs.
on and diamer a same of the
*Sceravio-based-examples-
1) After 3 hours of training, experienced controllers should be able to use au functions of the
system. After training, the number of
errors made by experienced controllers should not exceed an owerage of two per day.
not exceed an owerage at two per day.
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9	2 transaction
	The system should proces - 1100
	and the rate of jaime
	1 Second Care than 2%
)	The system should process 3 transactions per second and the rate of failure should be no more than 2%.
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1	

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SE-053 Syeda Tooba Ali Date:	•
Date:	
Question: 02	-
PROBLEMS ENCOUNTERED DURING REQUI	-
EUCITATION:	*
Following are the people and walk	-
tollowing are the peoblems usually encountered	1
during requirements elicitation:	
1) Problems of scope: Problems of scope & occur it:	
Problems of coopers	5
in Unnecessaria se scape to occur is	•
externed of externed of property	•
- CAUCHA A PAGO IN DODALIS	-
douglandary of the system to be	
cii) The boundary of the system to be developed is not defined peoperly.	0
	-
2) Problems of volatality:	-
As the time passes, requirements teep	-
changing due to one reason or another.	*
- madighted the system development promote	A
The regularements may evolve and the	L
existing ones might change.	A
3)8-11-	1
3) Problems of Understanding:	7
include:	-
(i) Réquirements are vague, un meas mable and	1
with table por "unar baiandly systems"	N
or "robust system" URBANE PAPER PRODUCT	N
URBANE PAPER PRODUCT	X

	SE-053 Syeda Tooba Ali Date: cii) Users have little or no understanding about technology & its limitations. ciii) Analysts have little or no domain knowledge.
3	cii) Users have little of no understanding
7	about technology & its limitations.
-	DEFECTION WHICH PER HEUPS DETECT:
7	ciii) Analysts have little or no domain
	knowledge.
	civ) user do not understand their needs completely.
	completely: : MOISAMSAGIME DIMIZAIM (1)
0	v) Analysts and users speak different larguages which may lead to antiquity.
0	lamuages which may lead to antiquity.
9	anguages with the
P -	(vi) Different users have different perspectives; co conflicts may occur.
3	an condicts may occur.
-	20 Corr Nation
9	(vii) Obvious information can be omitted
2	comply without making its way to
# —	easily which making its way to requirements document.
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9)	THE POST OF THE REAL PROPERTY OF THE PROPERTY
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	: MOTTAMISMOTH DUTING ME
g-	THE RESTRICTION OF THE PROPERTY OF THE PROPERT
و	THE RESIDENCE AND ASSESSMENT OF THE PROPERTY O
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Date:
Quection, 020=
DEFECTO WHICH DOG
DEFECTS WHICH PBR HELPS DETECT:
PBR can help dalact
Requirements dela the following
PBR can help detect the following Requirements defects:-
(1) MISSING INFORMATION:
* ANU REQUIER TO THE
design, personality,
design, performance et-c may be missing.
* How the system is going to behave for all inputs for all situations is not defined.
defined for all situations is not
anglinea.
* Ti Oal A A & B 0:0000
* Figures, references or any related diagrams
may be missing. Different terms used
a units may be undefined. A whole
section of sequirements document may be
missing.
V
(2) AMBIGOUS INFORMATION:
The meanings of requirements are not
the meanings of requirements are not clear or can be interpreted differently
by different stakeholders.
One word can have different meanings). URBANE PAPER PRODUCT
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(3) INCONSISTENT INFORMATION:
Requirements may conflict with one another
Requirements may conflict with one another
(U) INCORRECT FACTS:
Some & requirements-asserted facts might not be true under specific
might not be true under specific
conditions of the system.
1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =
(5) Extraneous INFORMATION: Unnecessary Extra unused information may be provided.
Unnecessary extra unitsed information
may be reorded.
v college state of the college of th
(6) NISCELLENOUS DEFECTS:
PBR can also help identifying other
sequipments in the wrong section in the
requirements in the wrong section in the document.
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ASE : I should
I Alitha William wagolande to do on will all a
To the groups of the 13dry was the state of the

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Question #O4:
NEGATIVE IMPACT OF REQUERRORS:
Requirements eggos may have the
following negative inpacts.
(1) The committee
(1) The resulting software product might be useless and does not
magnet be usedess and does not
satisfy the real needs of wers.
(2) 9t one Requirement cont. idour. et 1
(2) 91 one requirement can be interpreted
in multiple ways; it will lead to ambiguities and can cause disagreements
between customers/wers and developers.
which will result in wastage of time.
and money; and can result in lawcuits as
well.
(3) It can have negative effect on
people; e-g
-> customers and alevelopers will be unsatisfied.
-> People will lose interest in automation
of Paocesses.
-> A blame game might start among
different people
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