the
CH #9
Short Ouestions
Anchitecture I Tom Day
What is an Architecture Important
Lacer Author Colonial
description / decision? Aschitecture: Software architecture is simply Architecture: Software of System
the (oxganizing) oxganization of System. The
Architecture: Software architecture is simply the (organizing) organization of System. The organization includes all components, how they interact with each other.
interact with each other.
Importance: Representation of software ashitecture
axe an enables for cummunication between
axe an enables for communication serveen
all penties (stelkeholders).
Description: It is a Conceptualization of all
axchitecture its usefulness is in expressing
the functional and non-functional equality
characteristics.
Decision: It is the art and science of
designing websites By good decisions making
designing websites by good decisions making by users. Decision matering is complete
again to the coston that the
proces
Define Architecture Genres?
- Verine Hochitecture Genies?

Architecture Genre used 1) Toansportation () Cummunications 1.) Operating System (-) Tools

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(Tronger Law)
QUESTION
ONG
FILTERNATTUE ARCITECTURAL DESTAN
O TONATTIVE HIM DECEMBER DECEM
FILTERNATURE in a number of the
carchitectural alternatives that are each
architectural to determine which is the
most appropriate to be
Solved
() ARCHITECTURE TRADE-OFF ANALYSIS
METHOD METHOD
has developed on aschitecture trade-of
andlysis method that estabilishes an
Hexative evaluation process for software
as chitectures
(i) COLLECT SCENARIOS A set of use cases is
- developed to represent the system from
the user's point of view.
(ii) (Describe) The architectural styles should be
described using a contraction of the continuing
aschilectural views
- 1.) MODEL VIEWS
assignements of work
hallthe and marker and the
been achieved.
Coopped with Companyor

	VITCIAL CONTRACTOR
	PROCESS VIEW for analysis of FLAN VIEW for analysis
	System performances of
1	TO FLOW VIEW for gooding
	1) DATE to which the growing of in
	degree regulinements the
	DATA FLON VIEW for analysis of the degree to which the architecture meets
	Eucit requirements constraints
	and environment description. This
	Cation a Maria
	() () (A) (I) (A) (A)
	used to be certain that all
	statishabole &s concerns have been addressed.
	Hallemone a dalesed.
	TARCHITECTURAL COMPLEXITY
	1-RCHIECTORIE CONTROLLA POX accession
	A useful technique for assessing
	the overall complexity of a proposed
	architecture is to consider dependencies
	Notinean components within the againties
	The san depole & Chillett
_	in am ation (control from total)
	Three types of dependencies.
_	1) Showing dependences
	V) Clave le son doncies
	I flow dependencies
	USHARING DEPENDENCIES
/	
/	relationships among customers who
/	belationships among customers we the same resource or productes
/	THE CONTRACTOR OF THE PROPERTY
/	who produce for the same customers.
/	stomers.

DEPENDENCIES
(i) FLON Sepresents
relationships between producer and consumer of resources.
consumer of resources.
CONSUMER OF DEPENDENCIES (iii) CONSTRAINED DEPENDENCIES YEARROUND (1)
represents (depend
(iii) CONSTRAINED DE REPRESENTS (dependence) Constraints on the relative flow of
constraints on a set of activities
() ARCHITECTURAL DESCRIPTION LANGUAGE
Aschitedural description language (ADI) Drovides a semantics and syntax
provides a semantics and syntan
of describing a software as chitecture.
of describing a software an chitecture. ADL should provide the designer
with the ability to decompose
axchitectual components and represents
interfaces (connection mecahnism)
between components.
The second secon