Kenneth Carroll midera

O	midum
a	What is software agincering?
	Software engineering us a disciple is focused on
	research, education, and application of engineering
	processes and pleshals to significantly improve
	Software productivity and quality while reducing costs and
	time to market.
16	What is PQCT?
	The Ford 300ls to are actions in softmore
	M3.hear.m,
	P is po increase software producinity
	a is to increase softwar quality
	C is 10 Junose to Last
	T is to decrease time to market
10	List The challenges that softman engineering MUST
	our come!
	1. Conceptual ization
	2. Communication
	3. Coordination
	UML is a communication tool, by adding visual
	outlooks at different parts of the system, it can
250	clorify the galls of the system, better partie describe
	flows and application states, and remove a large ammour
	of ambiguity while remaining flexible as it is not a formal model that must be followed
	Formal model that must be followed

	Kennich Caroll modern
le	List the three software life excle activities ther are
	needed in order to achieve the PQCT.
	For P, softmare development process
	For Q, sofmore evolity assurance
	For C&T, Sofquer Project Management
da	Define "softmare Process"
	A sofrum process defines a series of acriminis performed
	to construct a software storem. Each activity produces some
	artifacts which are the input to other phases. Fact phase
A	has a set of envarie criticia and a set of exit
	critura.
26	List the phases of the software model
	Syskms Freiherny
	Software Requiement Analysis
	Solinare Design
	Colins & Unit Testing
	Inkgarion & Mostes Inkgrawn Esting
	Acaptana Testing
	Mainkrance
2	
LC	List Two Advantages and Two Disadvantages of referfull.
18 m	Adv Its a simple, straight forward sequence of event.
	Adv It supports function oriental project organization
	Dis - It is inflexible to requiement changes.
	Dis - Costomer max lose entire informent if the project fails

	Kenneth
	Corro M. Hurm
3a	What is a Use Case?
	A use case is a summar of scenarios for a sight rook
	05 3091.
	JV4 II
36	What is an Acros?
	An actor is who of what initions the events in
	a took. Thy ga the sole people and objects play
36	Which of the following on use cases?
	2. Display a drop-down money
	3. Colculare a Student's GPA
0_	S. Ener username and password
	.,
Ha	What is requirement elecitorion!
	Regional elicitation is the process to identity
	and formbre the copobilines for the softwee sistem
46_	List functional requirement and one non-functionet
	requirement for you team Project.
	Functional - The system shall allow a manager to
	coordinate a meeting for his/her teammars
	Non-Forceional - The system shall only fire possible
	available time slops within acceptable business hours
	(7AM-8PM) without manager override.
40	List at least 2 information collection techniques.
	Stakeholder somer, user interviewing, literature somer

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C	mid-km
41	hist and explain the five sups of revirement elizitation,
	1. Collecting information about the application
	· finding out what assomes need and what repulations
	require is crucial and informs all other decisions on
	reviewell-elicitation.
	2 Constructing analysis models
	· Aids the understanding of the application, rentemens,
	and constraints
	3. Deriving Registemens and Constraints
	· Weighs the arrent situation with ownoll business goods,
	Marrows focus of the application to avoid acreach
-	and sets constraints it/when regulation requires
	4. Conducins trasposition studio
	· Validares suat perposal requirements, constraints,
	or perposed stories are possible and/or financially
	Practical in both the state of development and within
	current time/cost pateurus.
	5. Leaviements Vintration god Validation
	Verifies that the product building Process is
	colour and validars that the resultant product
**	from the regiments would be me corner
	product in me eyes of the customer.

What is the major difference between the domain diagram and a class diagram? A domain diagram outlines The specific domains of an early application. A class diagram is more robot, building off of Tese mirrol domans to included expect artibus, relations, perations, and legenties of the genel scheme 56 hist the three reparisonships that call be found in a cleas diagram, and dow a diagram to show an example in reality for each of them (don't forget multiplicity) ASSOCIA FIRM 2 Aggregation 3 Generalitaria Tenont Land lord ranc name office Address Phone Number colculare Roy() Per Per fert other Cat skeig weight Arlais

	Kenner Corroll
	n Lar
Sc	What is the purpose of a Store Diggon!
	A stak diggram demonstrans re demos possible
	Stars of an object and the transitions associated
	to the chance in stare.
<1	
00	What is the propose of a sequence lingran!
	H sequere diagram shows the sequence of creams
	of a specific use cosc given in the use cose
	diogram
Sc	How many sequence diagrams to draw when
	fueloping a software system!
- ni	Fach use case should revise a securce diagram
	along with a diggrown for each error handling case
	indired to 11.
<u> </u>	
SF	List at least the differences between UML acrossity
	dragam and traditional flow chart.
	1. Activity diagrams can be divided into summers for desembling
	the object cos ponsible for the activity.
	100 100 100 100 100 100 100 100 100 100
	2 A transition may brough inno two of more morally
	exclusive transitions with Good expessions (FI) to label
	the transfirm.
	3- A transition mot fork me to a more availed activities