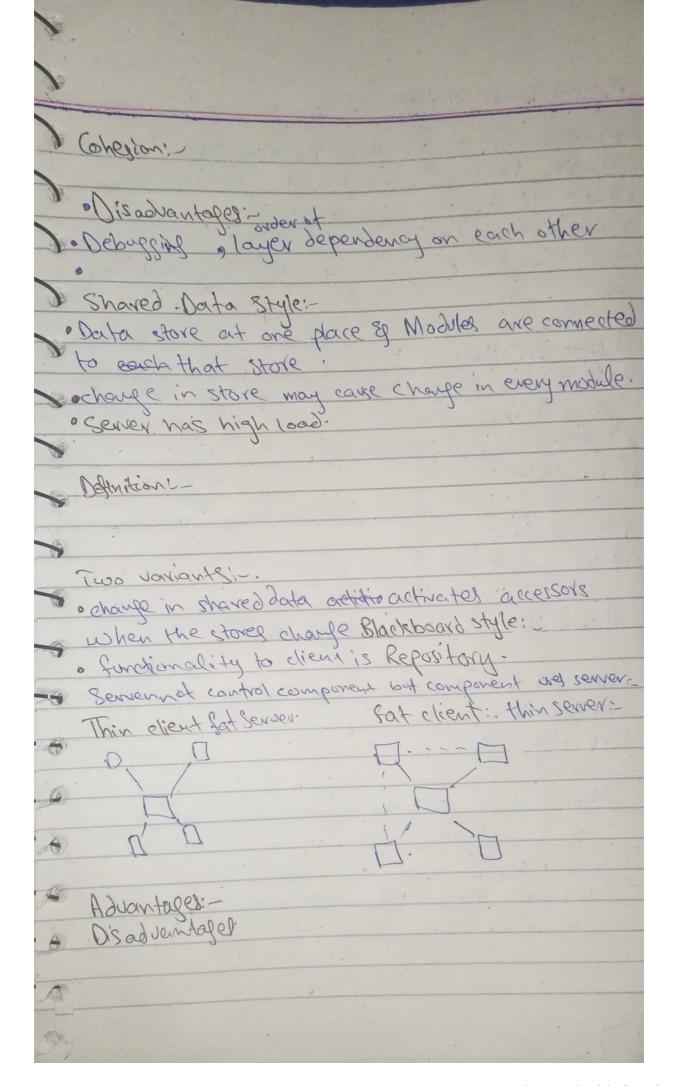
Collinson A ed .
Software Architecture:
Software Structure.
. Structure of a druman as wind print water consultant
their responsibilies Ex properties Ex Relationships es
interaction by withern
Architectural Degign.
1.6. In a chopping mall there are sensors who sensee any
five happening of after that they sprinkle water.
Layered etyle Architecture: (Major)
6.
layer 9.
layer3
layer 2 Dayer 1
e layer o
· partitioned into layers or groups.
- One services of the layer below . Ex Provide . services -
to the above layers.
Oses & Invokes.
Invokes:
> Module of imakes or call Module BCH triggers
execution of B).
- 1910 Fine of Block of the state of the sta
J Uses:
A uses & if & was correct vention that must be
present for A to execute correctly.
P

Note thates-Example. Payment Involve. Uses uses. Reduct gurope. > Exist in System but has no USEN relation with anyone layer Constraints: Static structurerlayer are independent Not Use any layer but invoke Dynamic: sper layer use only 1 below layer that its strict . uppor layer uses more than I layer than it is relaxed Forming layenslevel of abstractions. 1.0 Network communication layers 2 Virtuel Machinesie OS ginterpreters. 3 Information viding a decoupling etc. i-e-User Interface layers, virtualderice layerslayer Style Advantage. Coupling. Modules depend on each other , slow processes,



	-
	-
Event-Driven Style:	
a A System not having more functionality	5
· Sensors Defect & Event occur.	-
o Input Out put	1
Implicit Invocation	- Gir
Not having a proper system that is non by airy	6
DEGN.	7
01 1 2 1	
Stylistic Variations.	6
like traffic marden used's connevas who take	
pictures of every con-	0
Synchronously A synchronously.	
Easy to add & Remove companents:	-
Disadvantages:	0
More Events less functionality	-
	(0)
Model-View-Controller Style	-
Pipe El Filter Style.	
Pipe El Filter Style.  • Amazon, firewar re	0
Pipe: Execution	6
filter change or page from one to another	2
· · · · · · · · · · · · · · · · · · ·	
lexical Avalyzer: Mand-of anything.	The
introy Means of anything Syntax Error caught by it.	0
syrrax .	
	65
	2

Acyclic Cryaph. Semantic Analyser filter Car El vehicle presecute concurrently Semantic meaning · linear Execution: Disadvantages Error handling is Difficult. Model View Bontraler sytte.

Data formin we click beton in we. The view Back End attached to the Data Data lapie. Data is independent , Used in view (all the work that we done in SDA lab (# Wiew & Controller are often hard to departe o Slow processif when connected to Databage Hybrid Architectures

Software Design Postern. A partern is an outline of a reuseable Solution to a general problem encountered in a particular A postern should have: contexto problem forces Solution, Anti-Solution related, patterns, references. i.e. like static variable has I space in RAM Ep that is shave or acceps across multiple classes to reduce space problem, contex! Pavagraph, Description of problem Problem. Question ptype. short form of context with? Conces" What kind of Constraints as we have so which I have to take care of dring the solution Solutions Solution is a class Diagram . + Description. Anti-Solutions anti-Pattorn common Mistakes- made by proprammens: Solve the problem Ep coult take cove of the forces: (also class dictrain) related pattern: optional. related Solution: -. Soldian of a problem estath an alternate solution, solve the problem, can take care of the forces. · Best one is Solution, other are related Pattern.

