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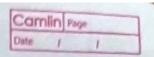
Assignment -10

To apply design principles with relevant architectural style & structure the solution accordingly.

An architectural style is a set of principles. It is a coarse-grained pattern that provides an abstract Framework for a family of system.

An architectural style improves partitioning 21 promotes design reuse by providing solutions to frequently rewring problem.

Named collection: An architectural
style is a named collection of
architectural design decision that
are applicable in a given development
Context, constrain architectural design
decision that are applicable in given
Context, elicit beneficial qualities
in each resulting system.



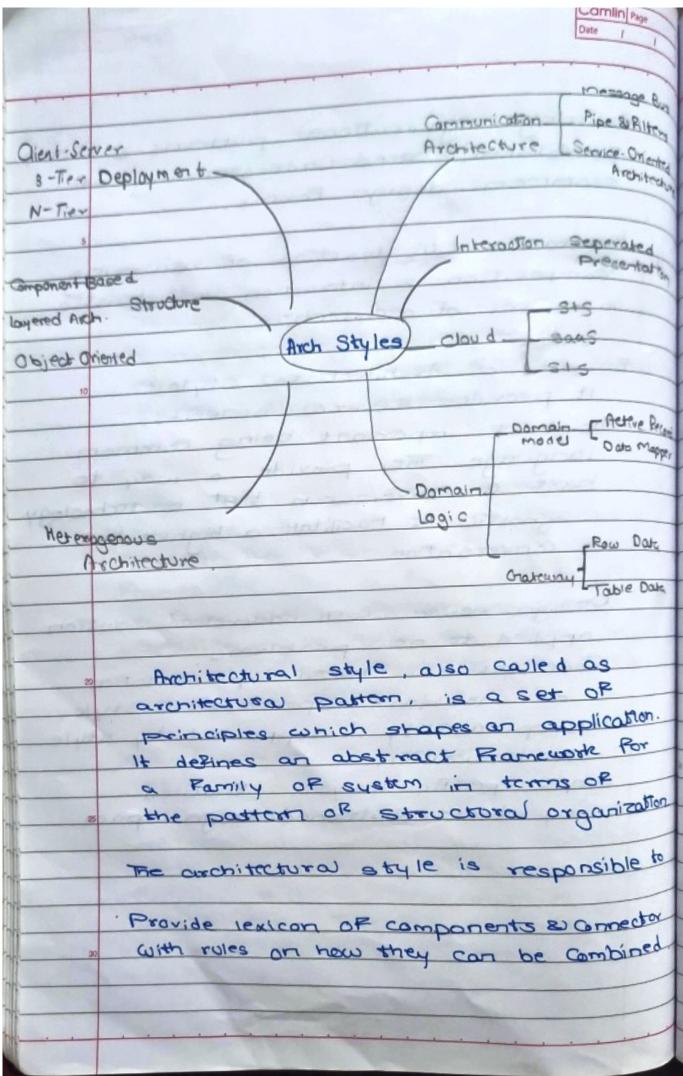
recurring organizational patterns & idioms Established, shared understanding of common design Forms

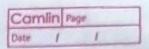
Abstraction: Abstraction of rewring composition & intraction characteristic in a set of architecture

Benefits of Architectural style: It provides severa benefits, the most important being common larguage. They provide a way to have a conversation that is technology - agnostic. It Facilitate a higher level of Conversation

Design reuse: Well understood solution applied to new problems Code reuse: shared implementation OF invariant aspects of a style Interoperability : supported by style ston dardization. style Specific Analysis : Enabled

by the constrained design space





· Improve partitioning & wlow the reuse

The software that is built for computer based system exhibit one or rearry architectural style.

Types of Architecture,

There are Pour types of architecture Promothe viewpoint of an enterprise & whechvely these architecture our referred to as enterprise architecture.

- 15 · Business architecture:
 - governance, organization.
 - Application architecture Serves as a blueprint For individual application system
 - · InFormation architecture. Defines the logical se physical data assets.
 - · Information Technology architecture:

 Defines the hardware & software

 building blocks that make up the

 overall information system.

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	Key Design Principles
-	Separation of Concerns Single Responsibility Principle Principle of Least
-	Mirimize lame to
	Define Data Format Por a layer. Naming Conventions.
	Conclusion:
	architectura style & structure
15	are applied success Pully
20	
25	
30	