

CEGEDIM INTERNSHIP 2022

MULTITIER ARCHITECTURE

Mohamed Talaat Harb –
Senior full stack developer
TL for Cairo 6.

Mohamed.harb@Cegedim.com

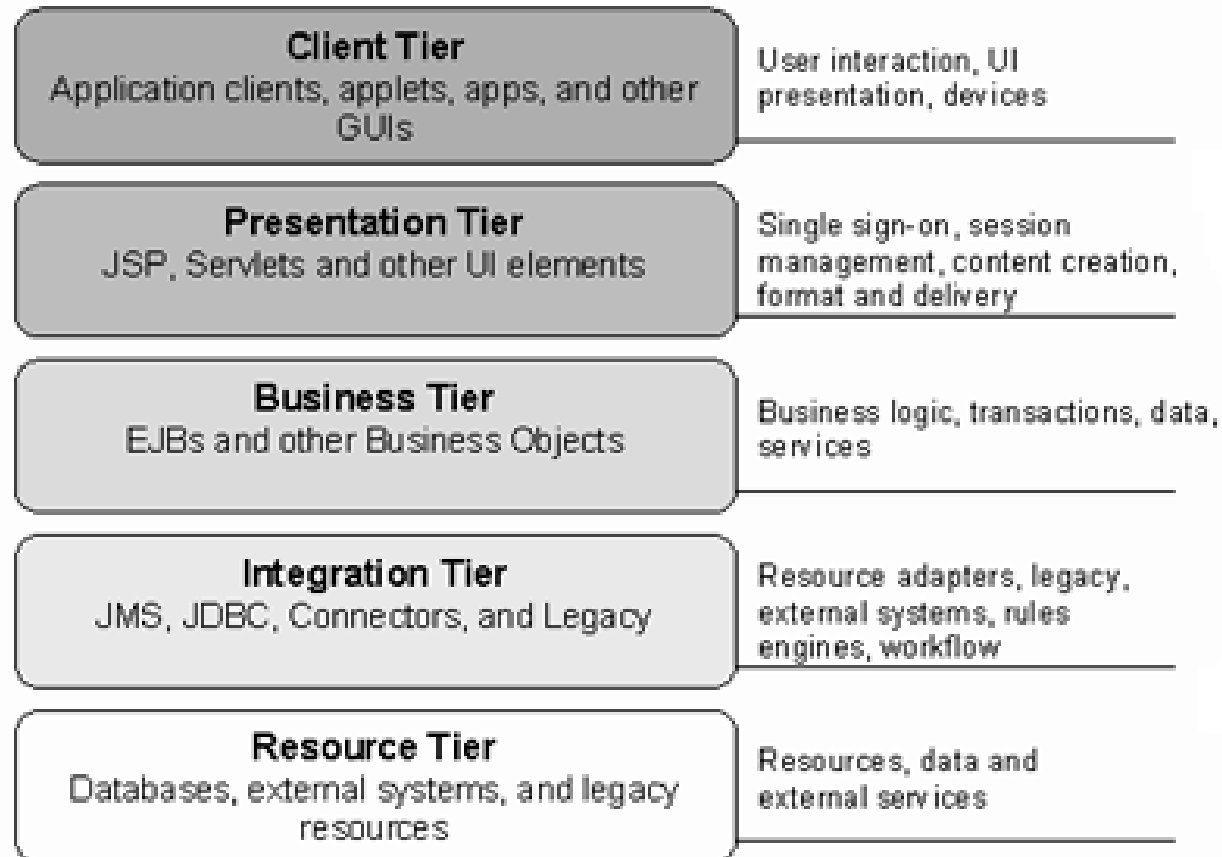


WHAT IS A MULTITIER ARCHITECTURE

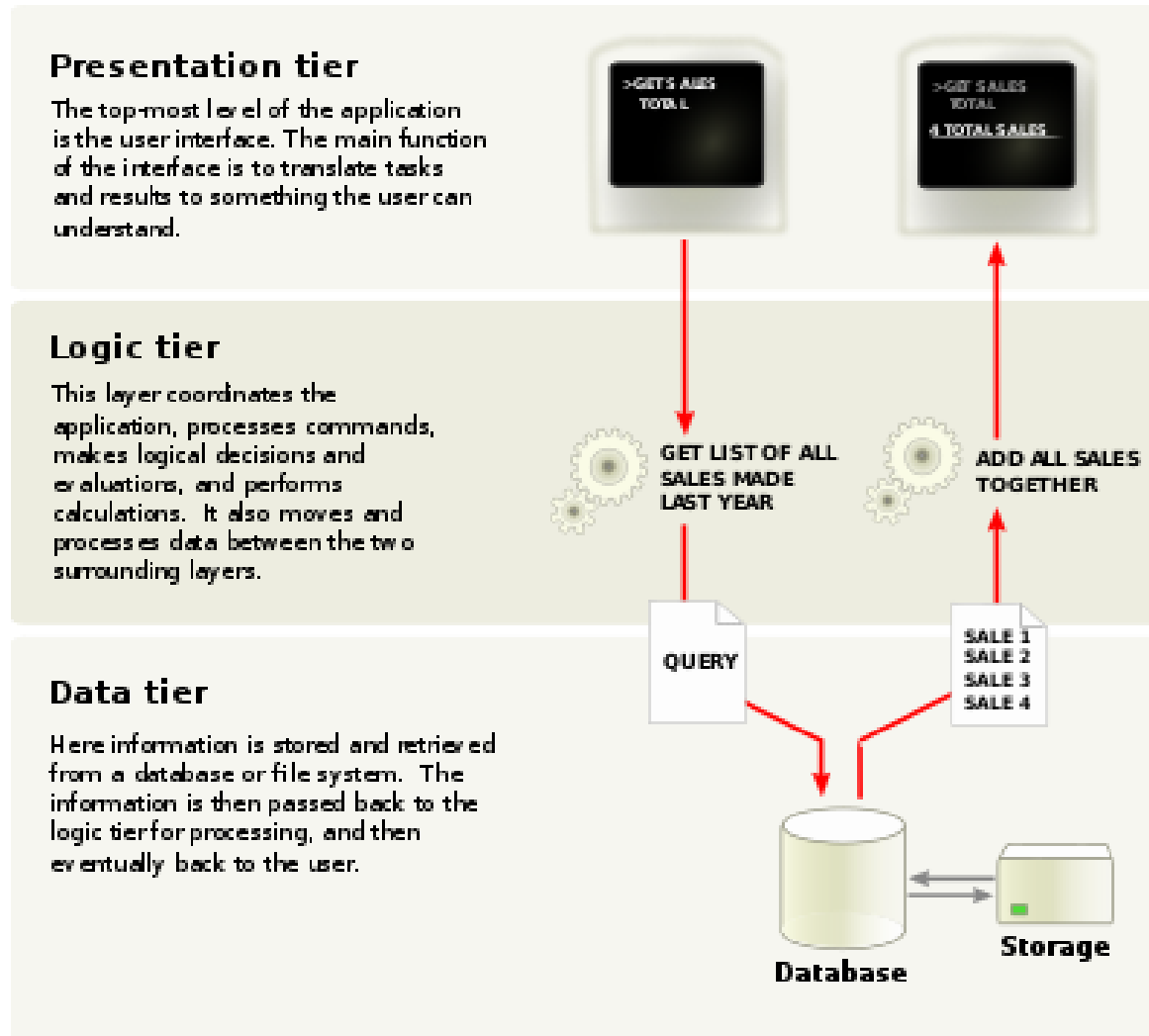


What is Layers?

Five Tier Model for logical separation of concerns



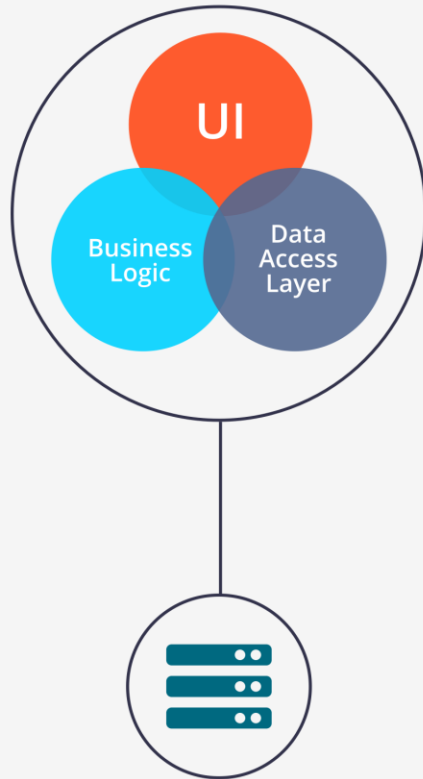
What is Three-tier architecture?



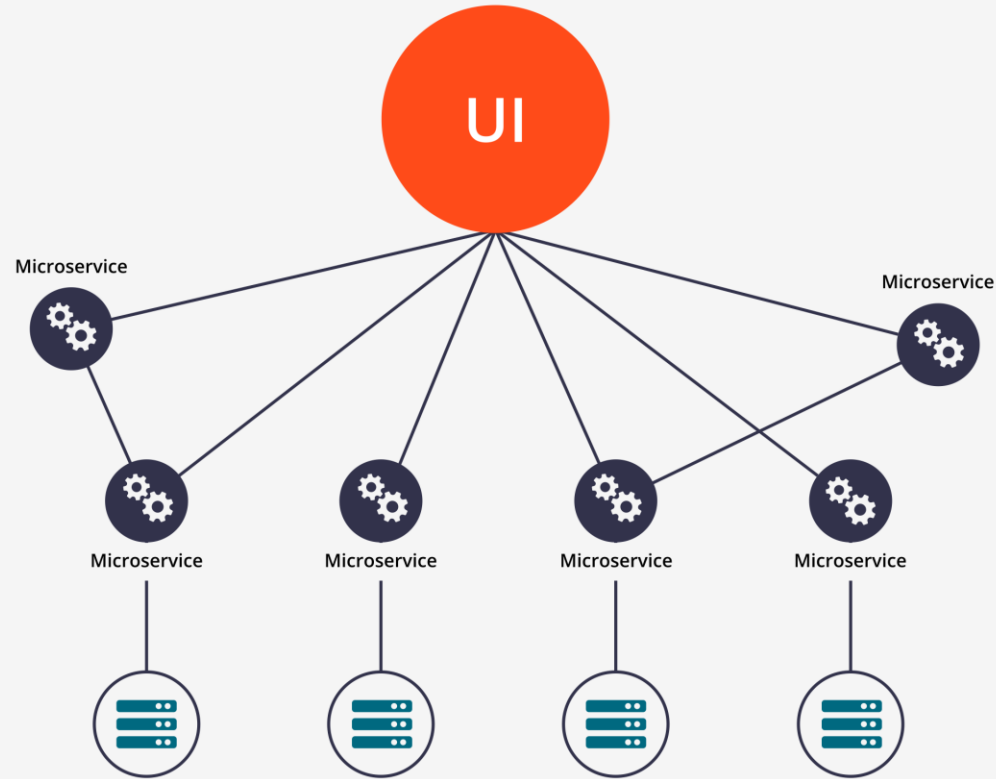
What are the benefits of using N-Tier architecture?

- Scalability and replication
- Ease of development
- Security
- Variety of technology stacks

What are micro-services?



Monolithic Architecture



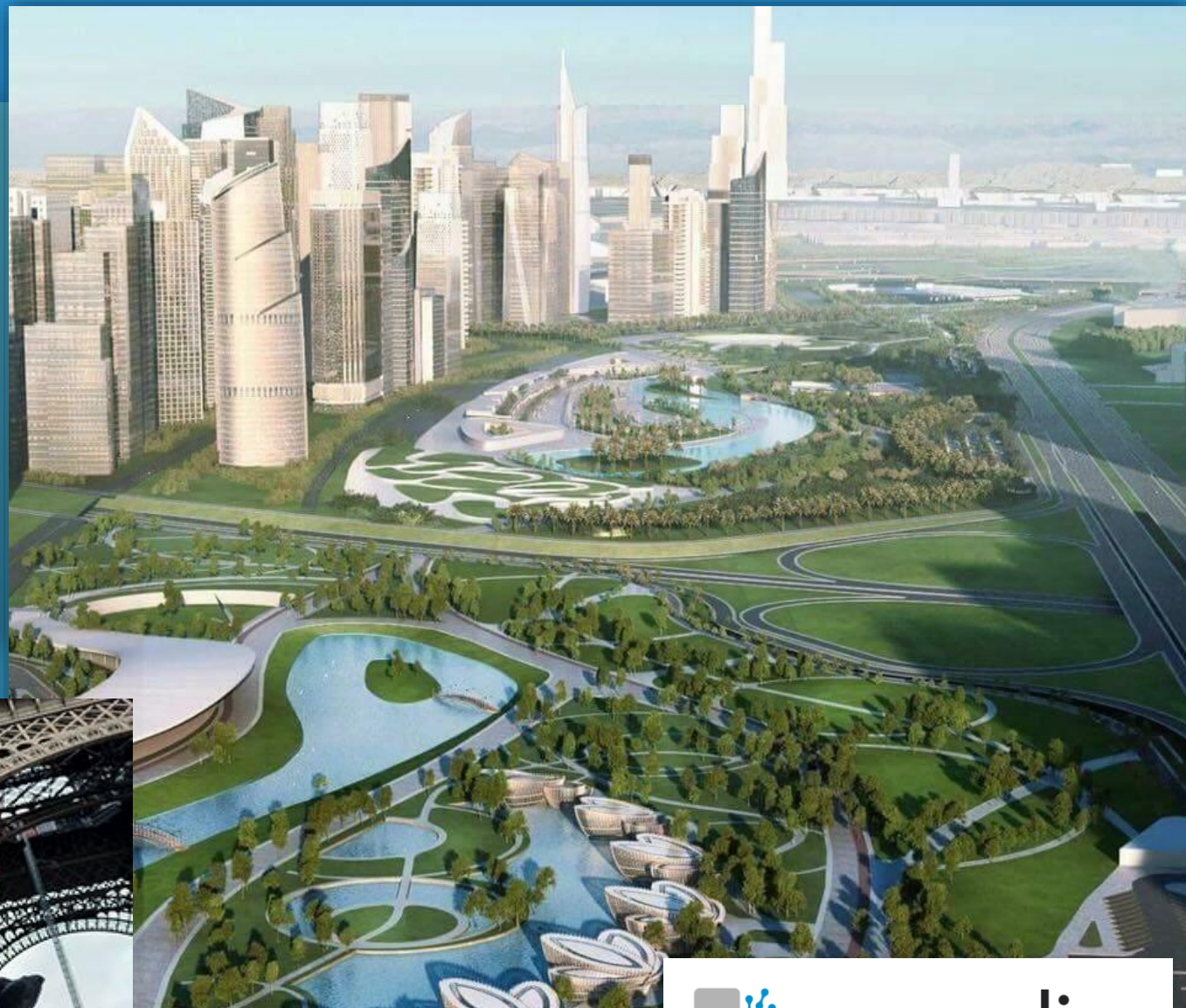
Microservice Architecture

References

- [Structuring spring boot projects](#)
- [Structuring .NET projects](#)

Demo

- Let's see how a project in the real world is structured
- <https://github.com/TalaatHarb/patient-management-system>



Qs & As
THANK YOU

