



Agenda :

- What is micro services ?
- Why micro services ?
- What is monolithic architecture ?
- Drawbacks of monolithic architecture ?
- Advantages to use micro service ?

What Is Microservice

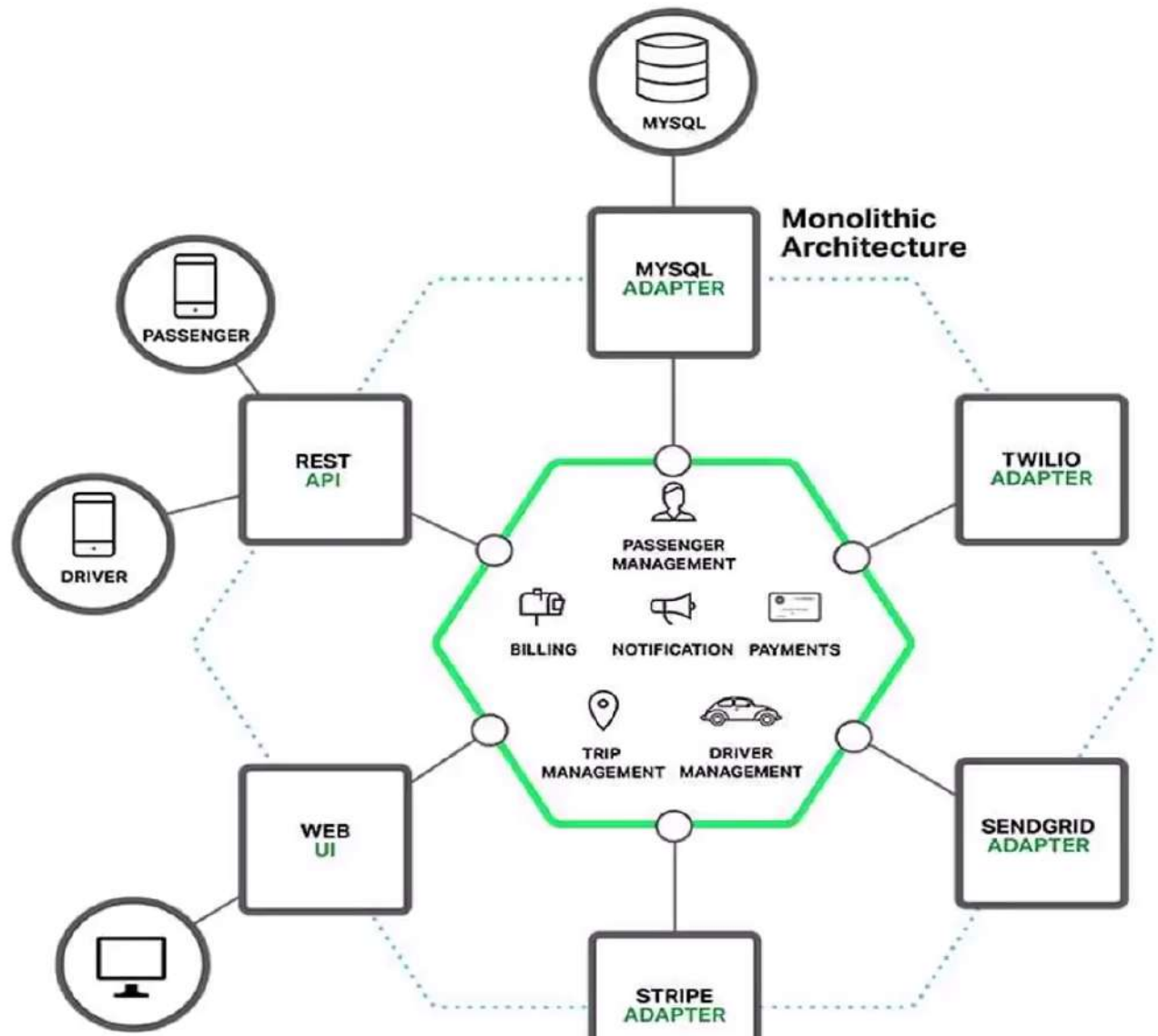
Micro service is architectural way to design our application uniquely with several small modules developed individually, packaged individually, and deployed individually, in individual processes

Why Microservice

- Why micro service came into picture where previously we are developing and deploying our application in efficient way in monolithic approach
- Let's go through previous architecture which people are following (Monolithic) and find the disadvantages

Monolithic Architecture

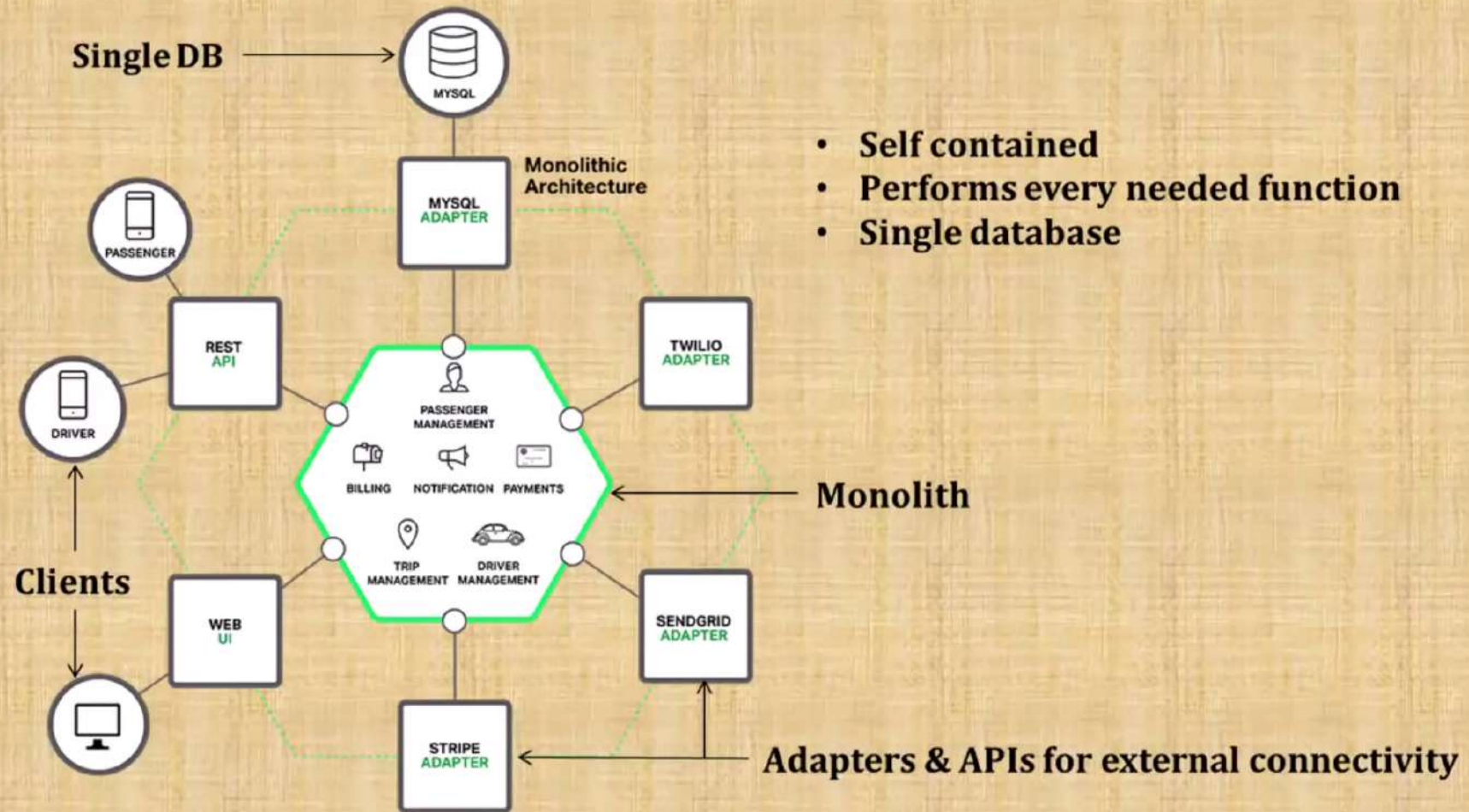
Normally monolithic approach we are developing our every service individually and at end of developing we are packaging all services as single war file and deploying in server



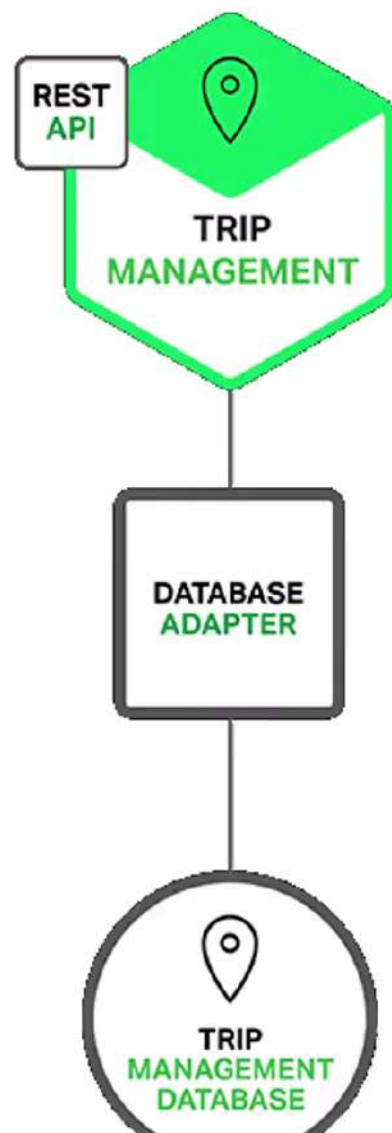
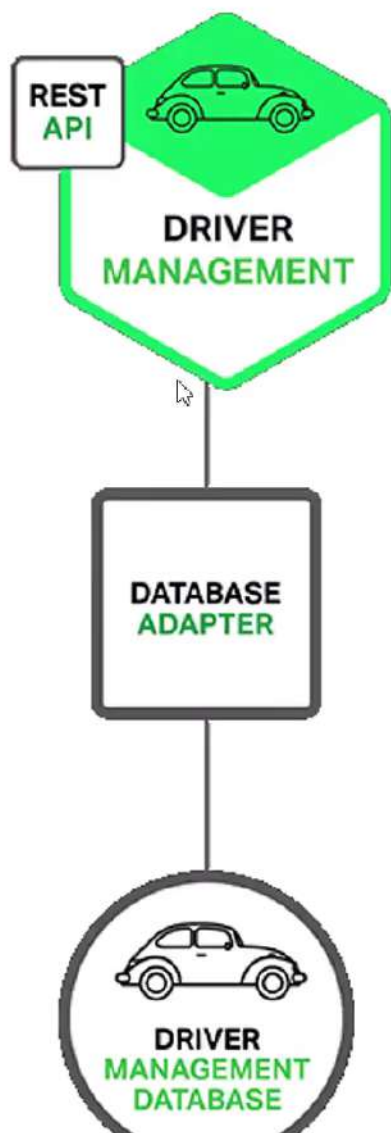
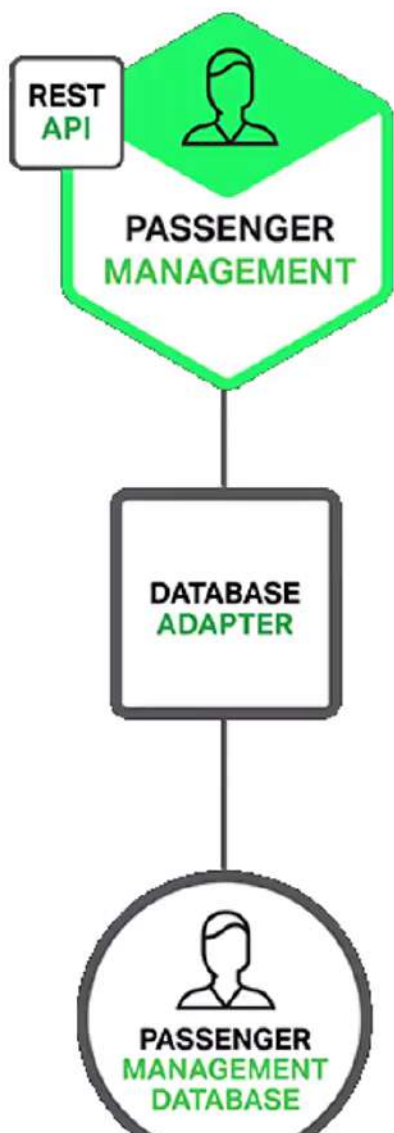


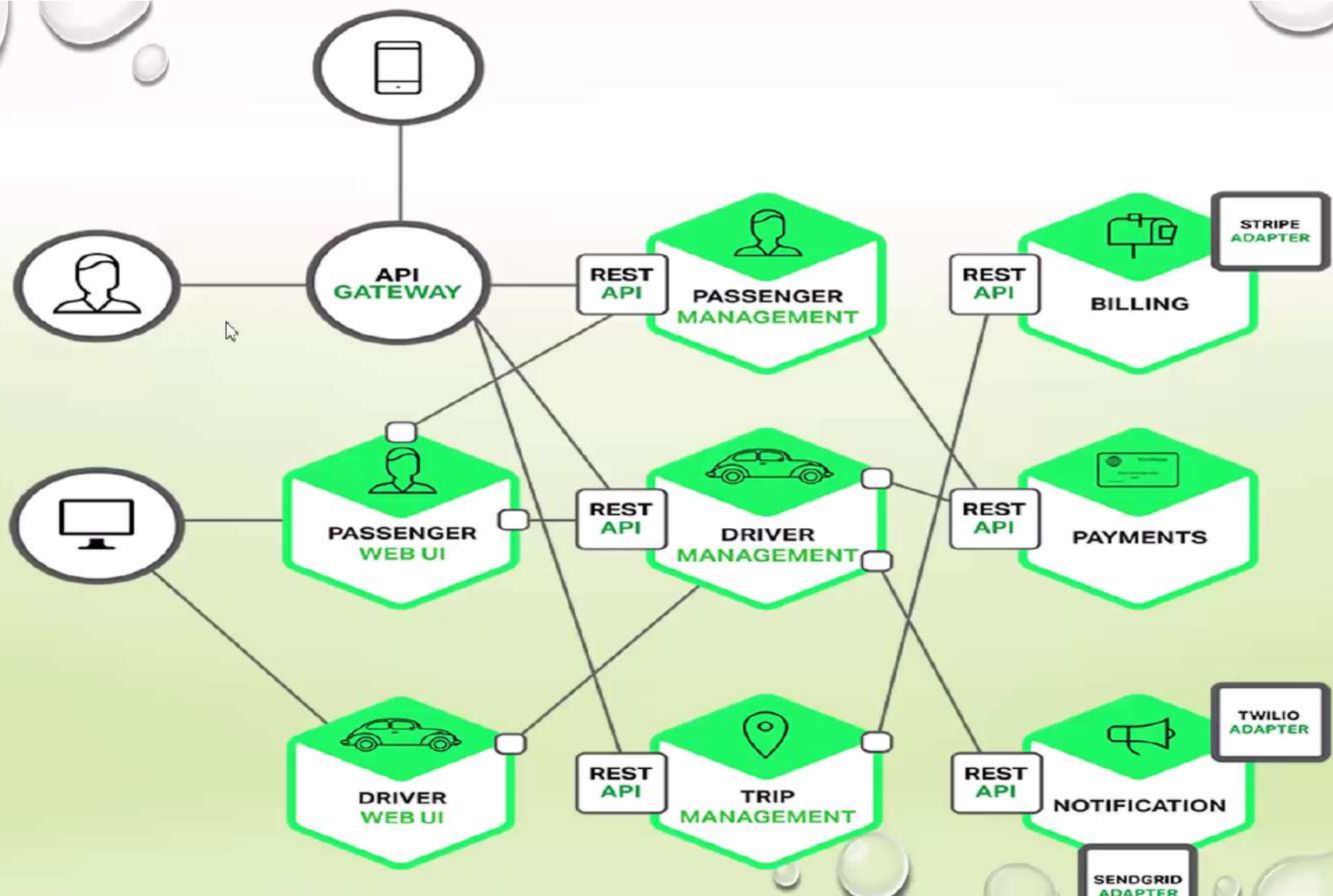
Drawback Of Monolithic Architecture

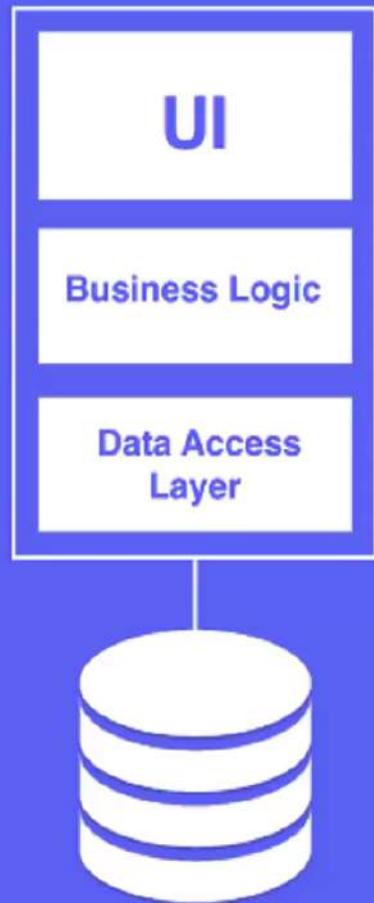
- Performance issue due to huge data
- Continuous deployment not possible
- Adopting new technologies will be difficult
- Overloaded IDE & overloaded web container
- Exception propagation not proper
- Code readable is not there



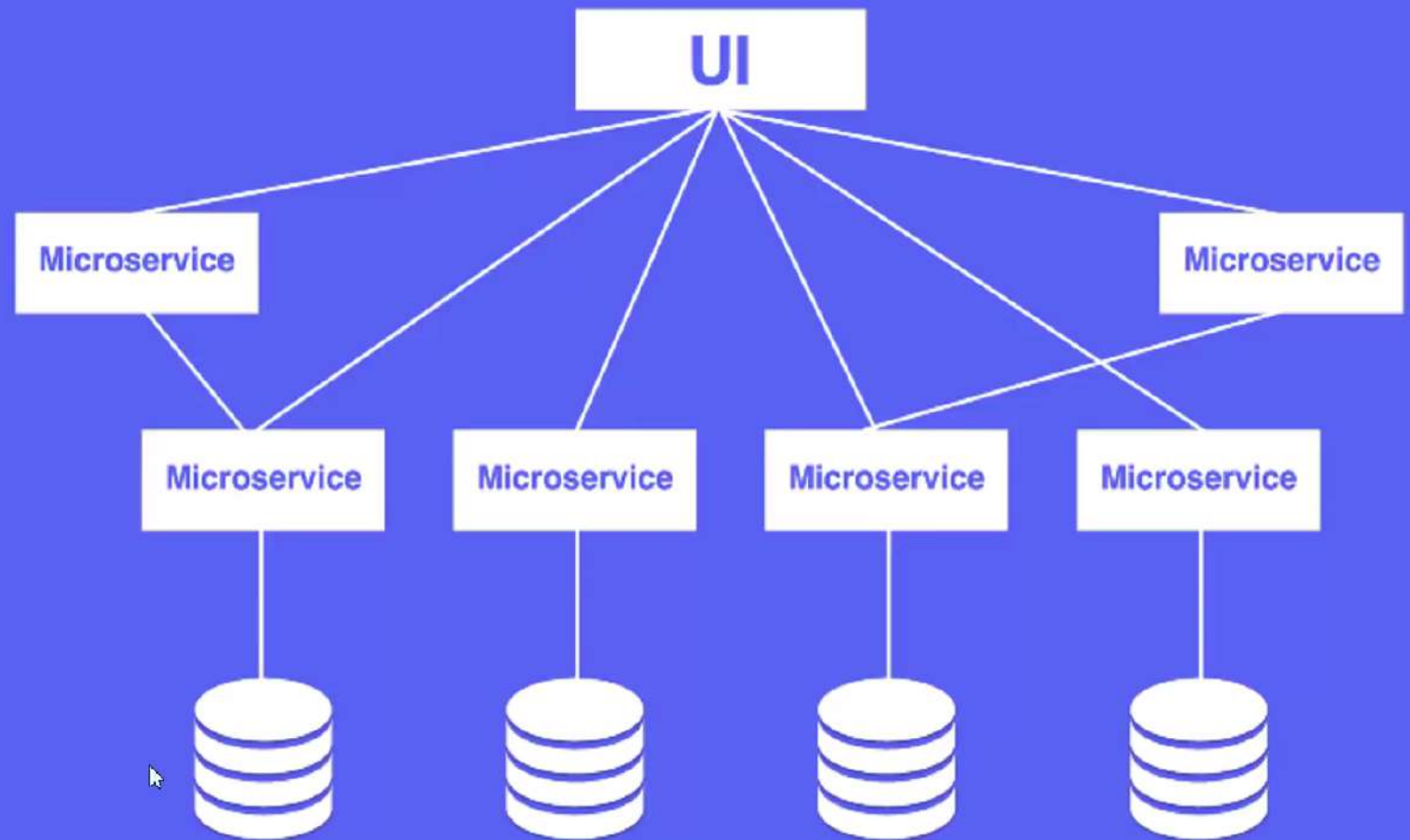
Microservice architecture







Monolithic Architecture



Microservices Architecture