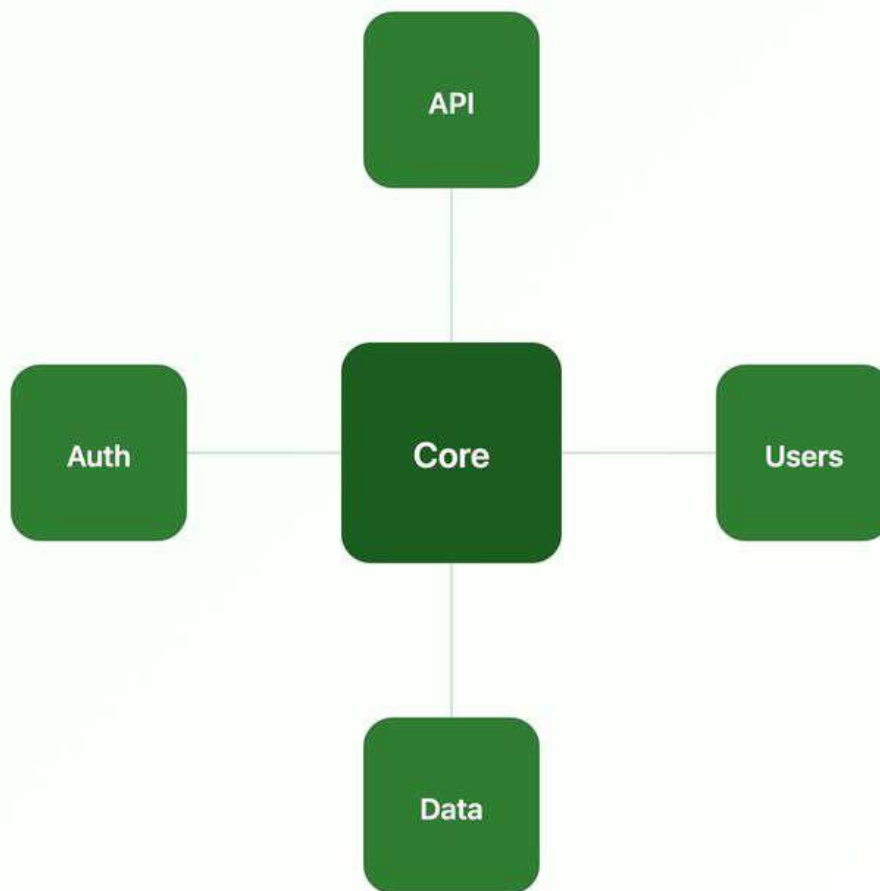
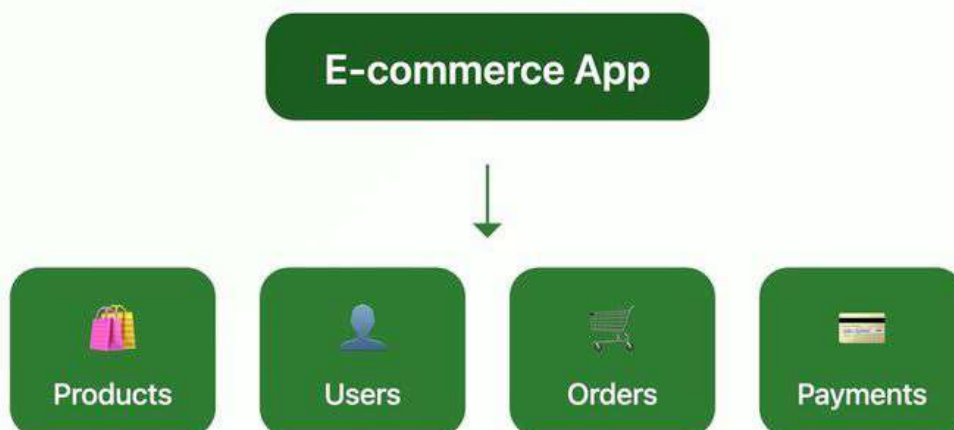


Microservices



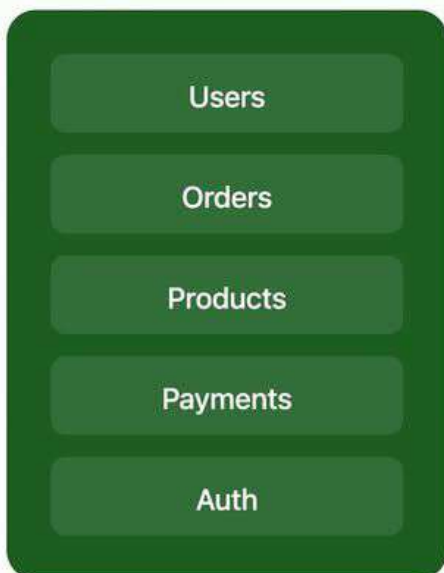
What is a Microservice?

A software architecture where complex applications are broken down into small, independent services that work together.



What is a Microservice?

Monolithic



One Big App 🤖

VS

Microservices



Independent Services 😊

Key Characteristics



Independent Deployment

Each service can be deployed separately without affecting others



Single Responsibility

Each service focuses on one specific business capability



Loose Coupling

Services operate independently with minimal dependencies



Tech Freedom

Each service can use different technologies as needed



Scalability

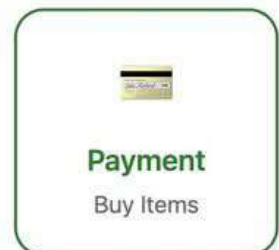
Services can be scaled independently based on demand



Data Isolation

Each service manages its own data storage

Shopping App Example



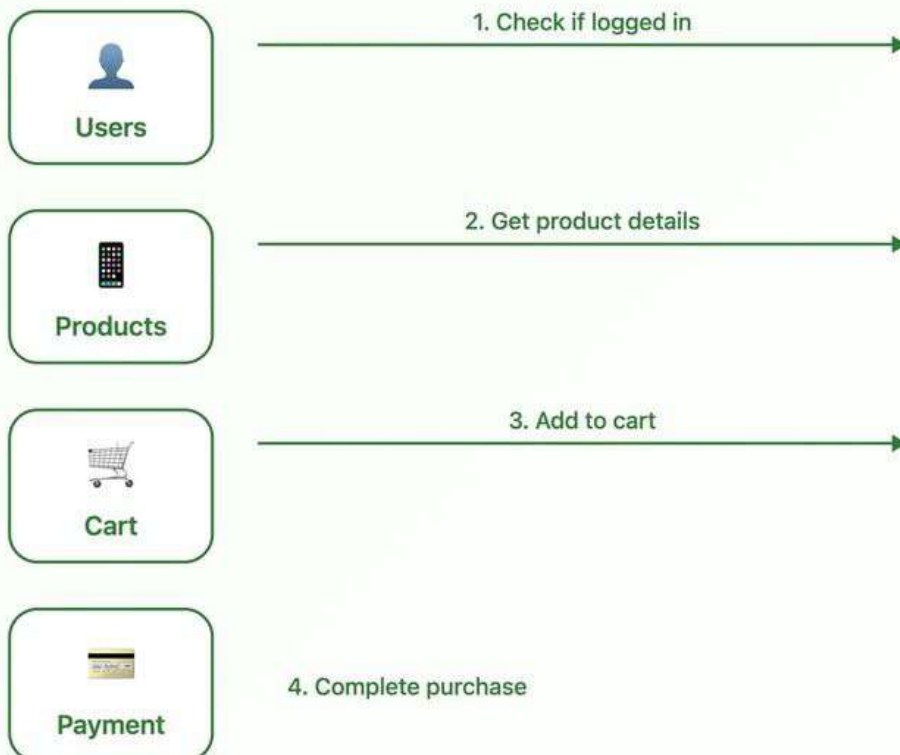
Each service works independently to create a complete shopping experience

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Next →

How They Talk

Buying a Product



Each service does its own job and passes the request to the next service



If one service is down, others keep working

Thank You!

Hope this helped you understand Microservices



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