

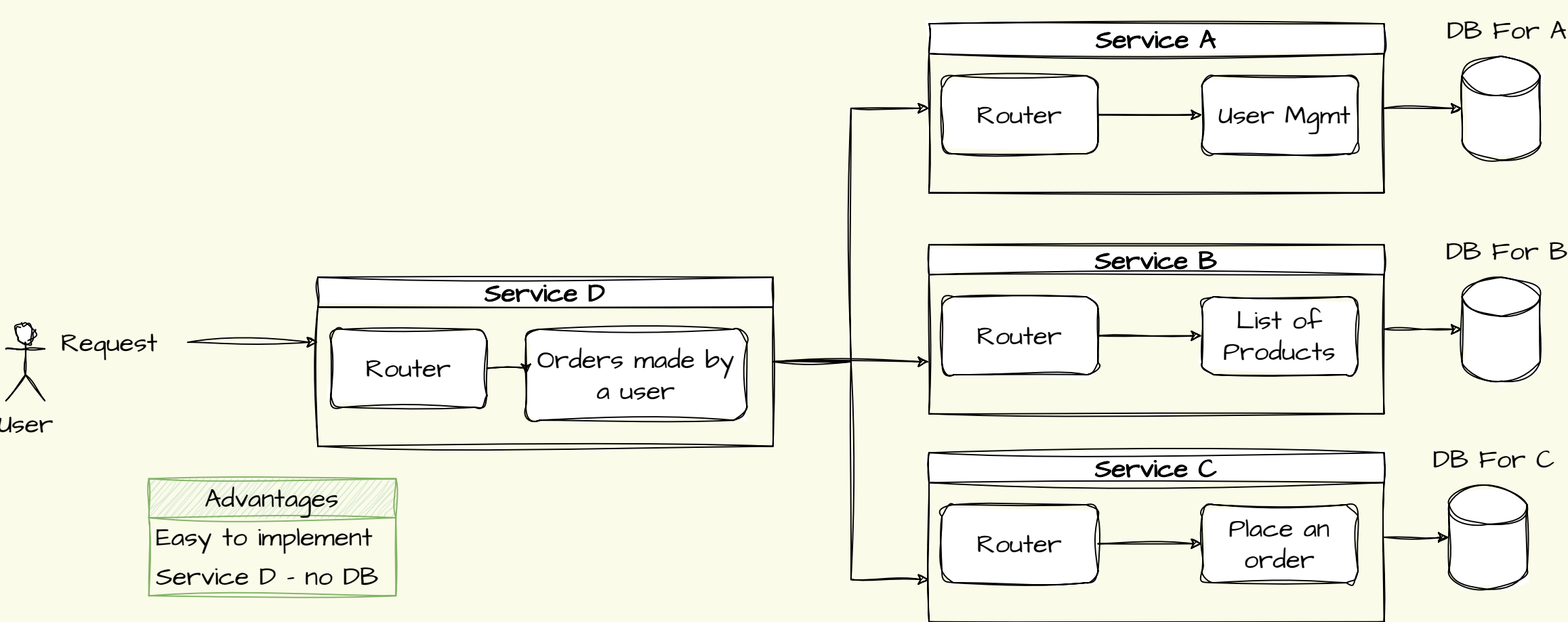
Why Database Per Service ?

We want each service to run independently of other services

Database Schema/structure might change unexpectedly

Some Services might function more efficiently with different types of DB's

Sync Approach of Communication between Services



Advantages
Easy to implement
Service D - no DB

Disadvantages
Introduces dependency on services
If any service unavailable then the entire request fails
Entire request is only as fast as the slowest request

Request Travelling

Async Approach of Communication between Services (Events)

