



# Event-Driven

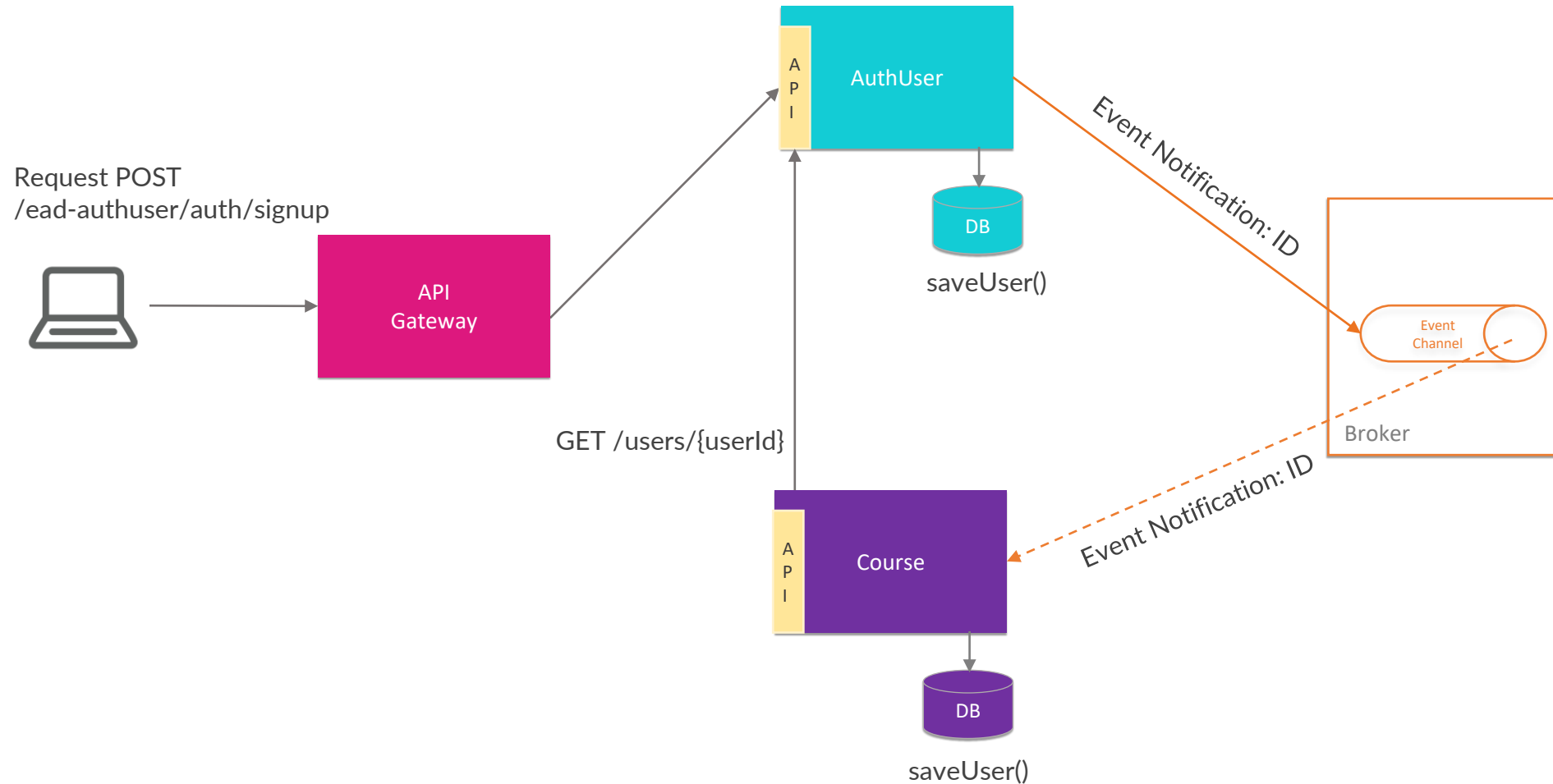
# Event



# Event Notification Pattern



# Event Notification Pattern



## Prós

Isolamento de  
responsabilidade do produtor  
do evento

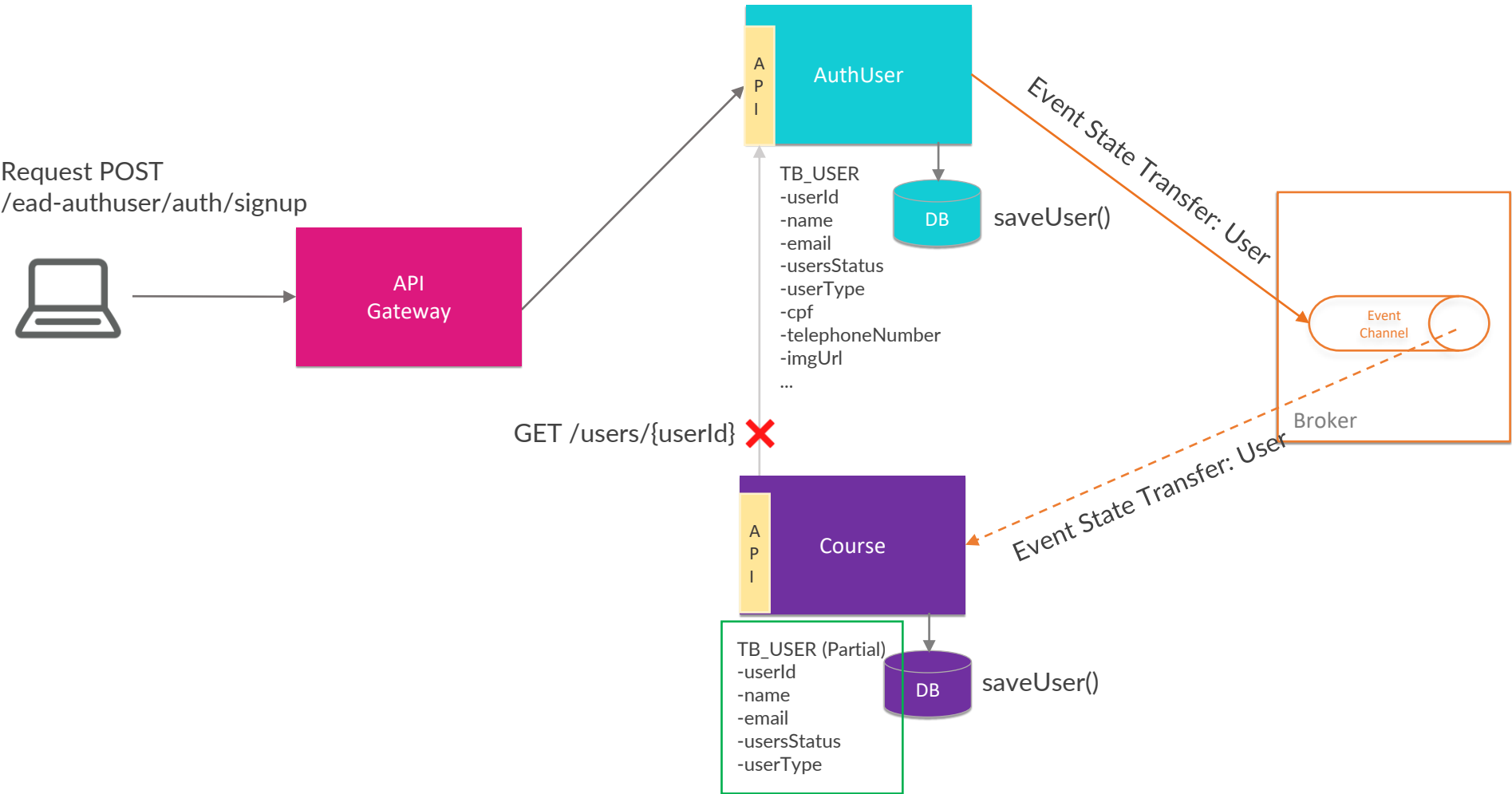
## Atenção

Pode gerar uma sobrecarga  
de consultas no produtor do  
evento

# Event-Carried State Transfer Pattern



# Event-Carried State Transfer Pattern



Prós

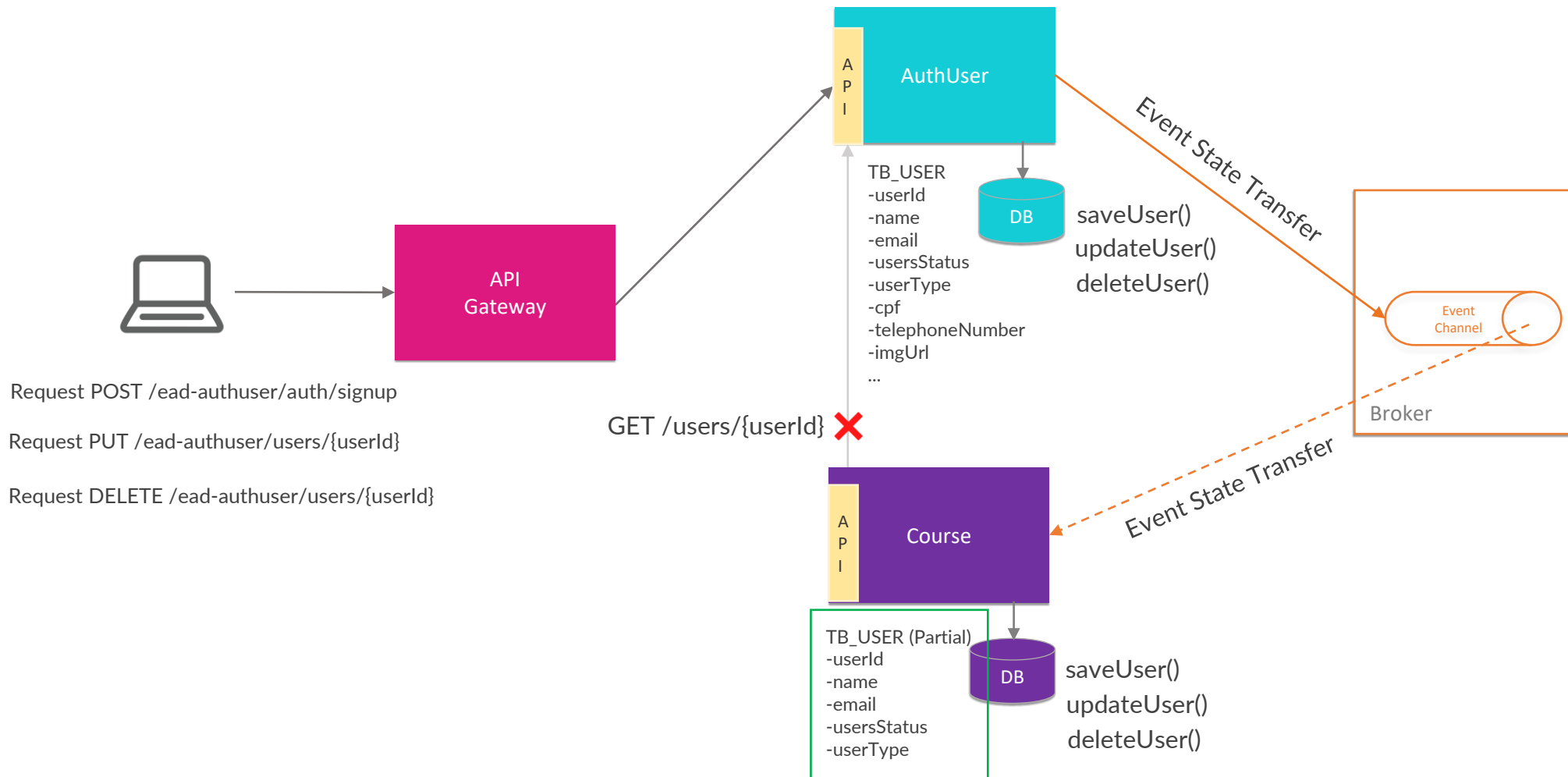
- Menor acoplamento
- Maior disponibilidade

Contras

- Replica dos dados
- Consistência Eventual

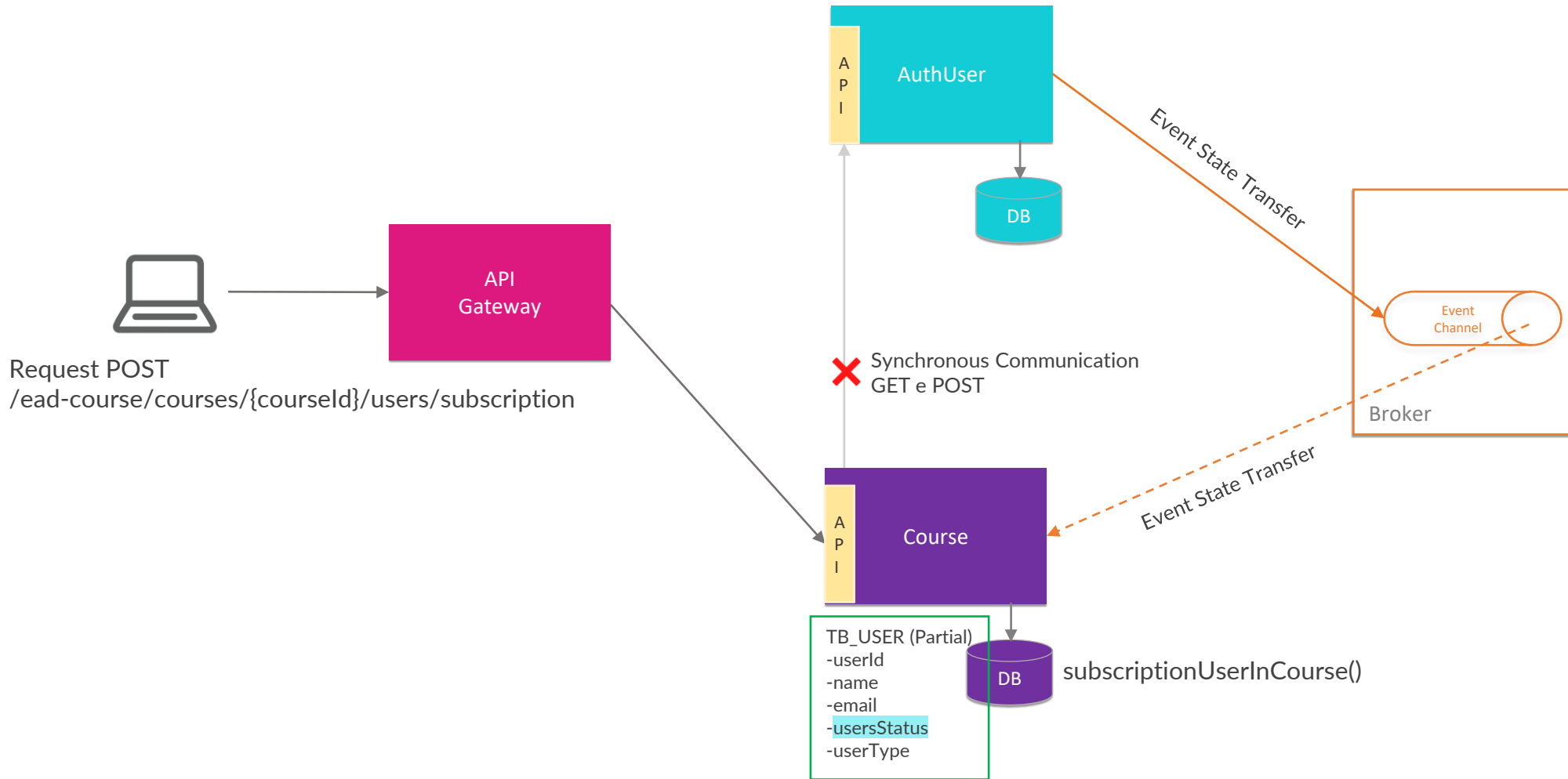
# Example of Event Notification and Event-Carried State Transfer in EAD Architecture

# Flux Create/Update/Delete User

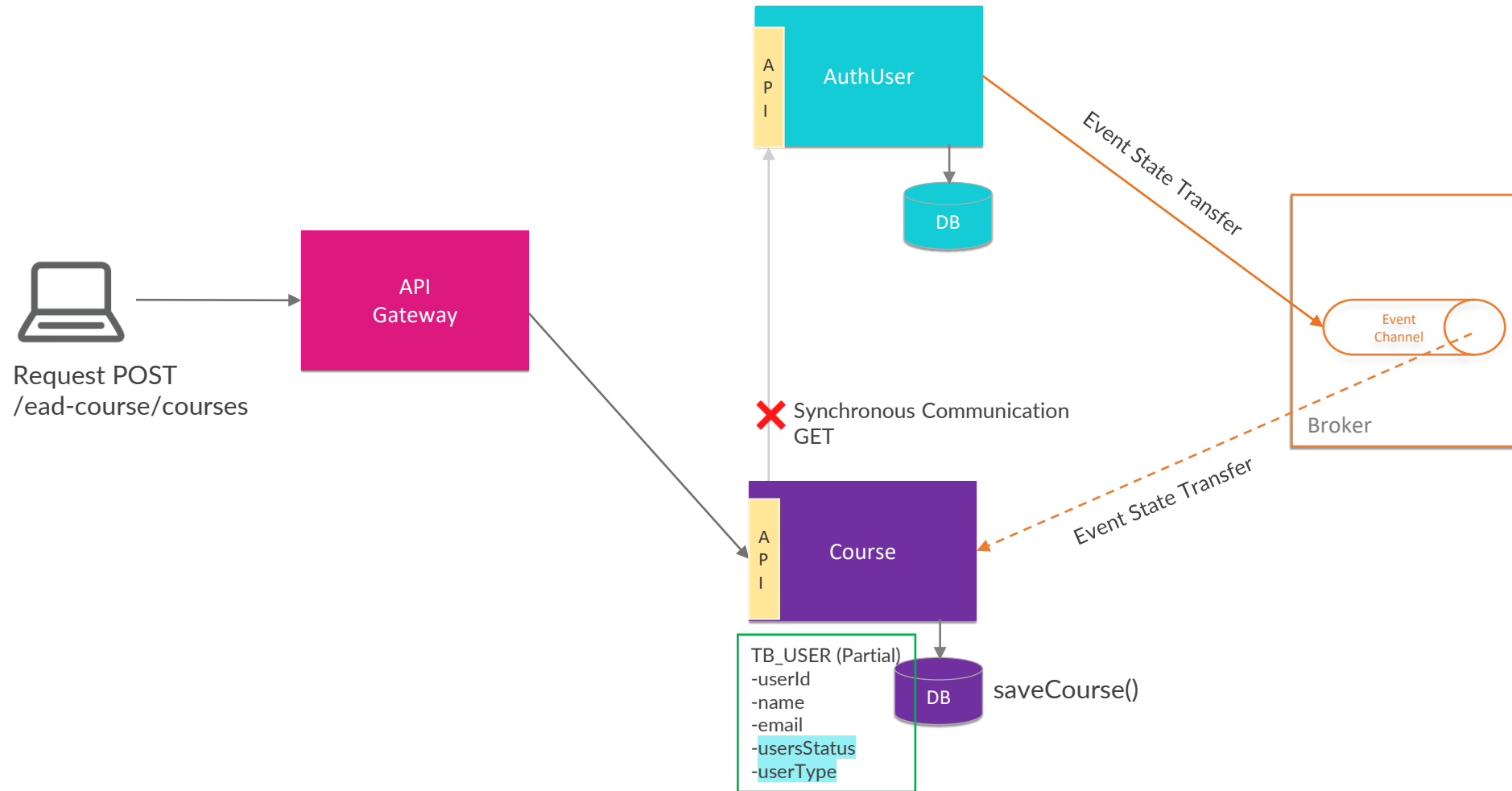




# Flux Subscription UserInCourse



# Flux Create New Course



# GET All Users By Course

