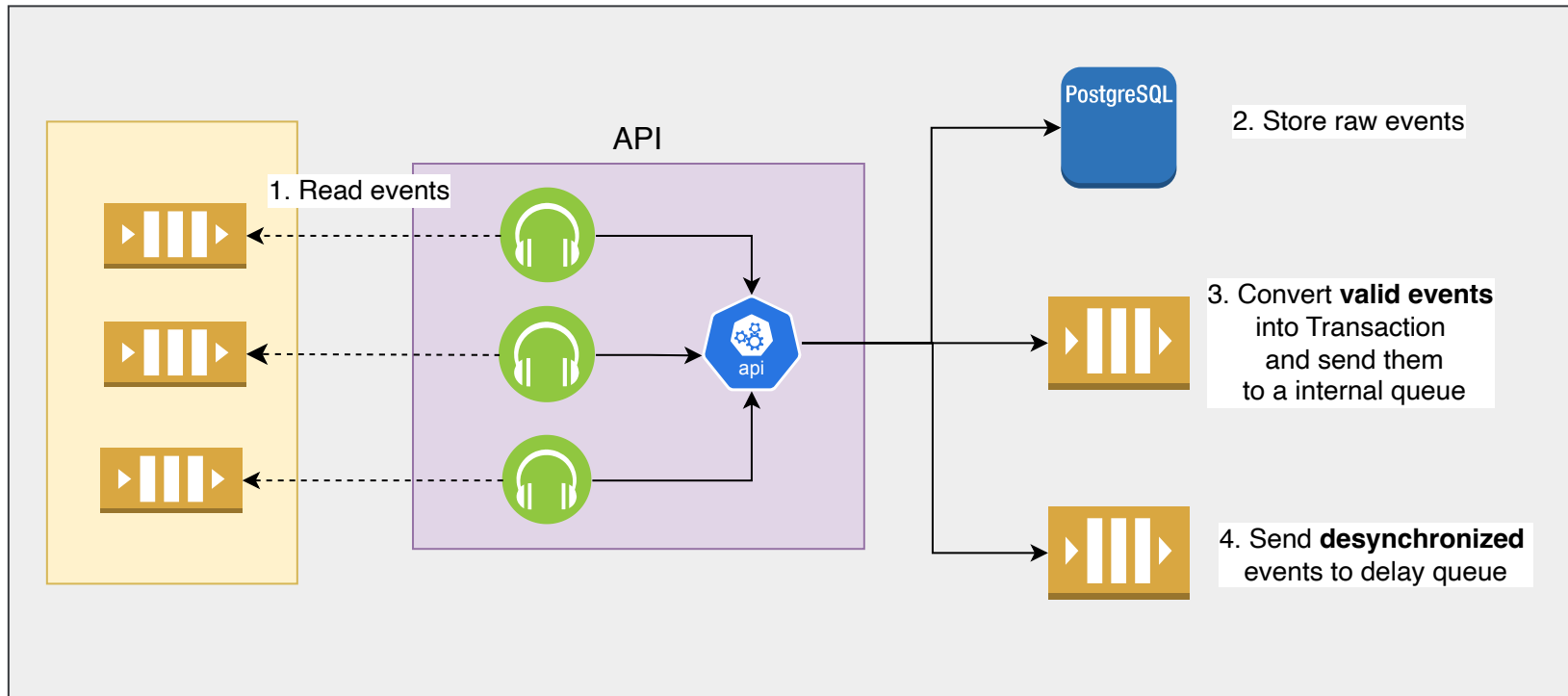


# Courier Statement - Challenge

## System Design

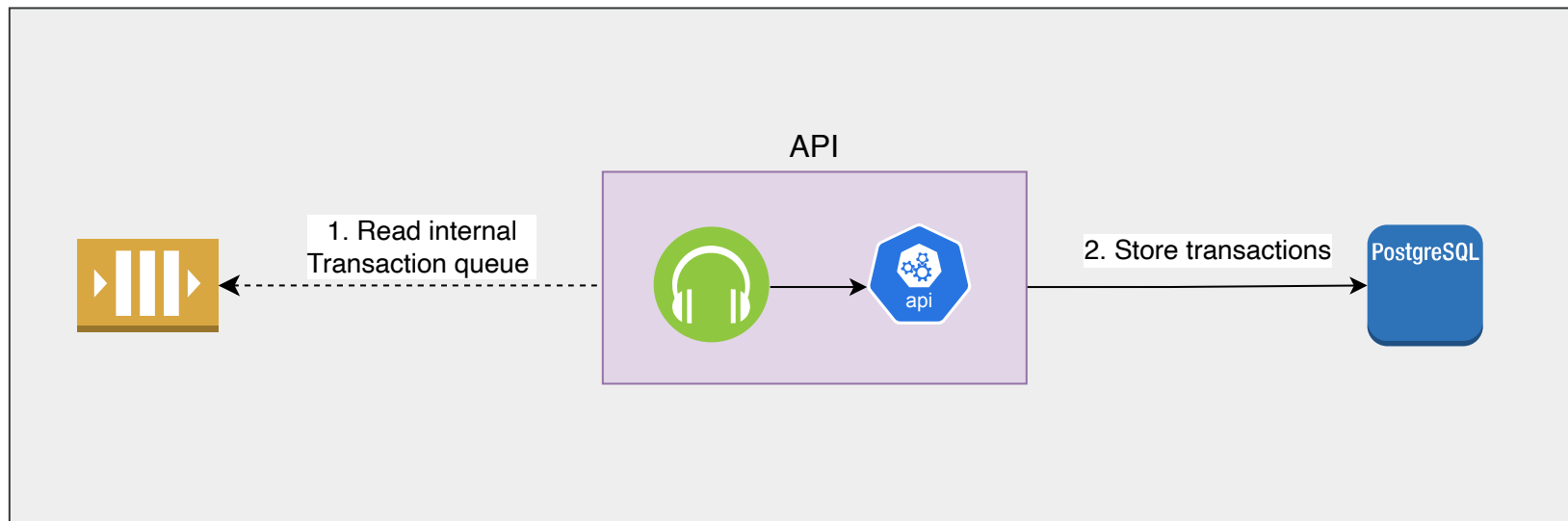


### Valid events

Those that are already to be processed without any concern

### Desynchronized events

Adjustment or bonus events unrelated to any created delivery



### Transaction

It is a generic representation of a DeliveryCreation, AdjustmentModified, or BonusModified event.

A unified representation of them makes calculation easier because we can retrieve and group them by delivery, courier, or week number.

## Database schema

