

# Ticketmaster - Team 8

## Use Cases

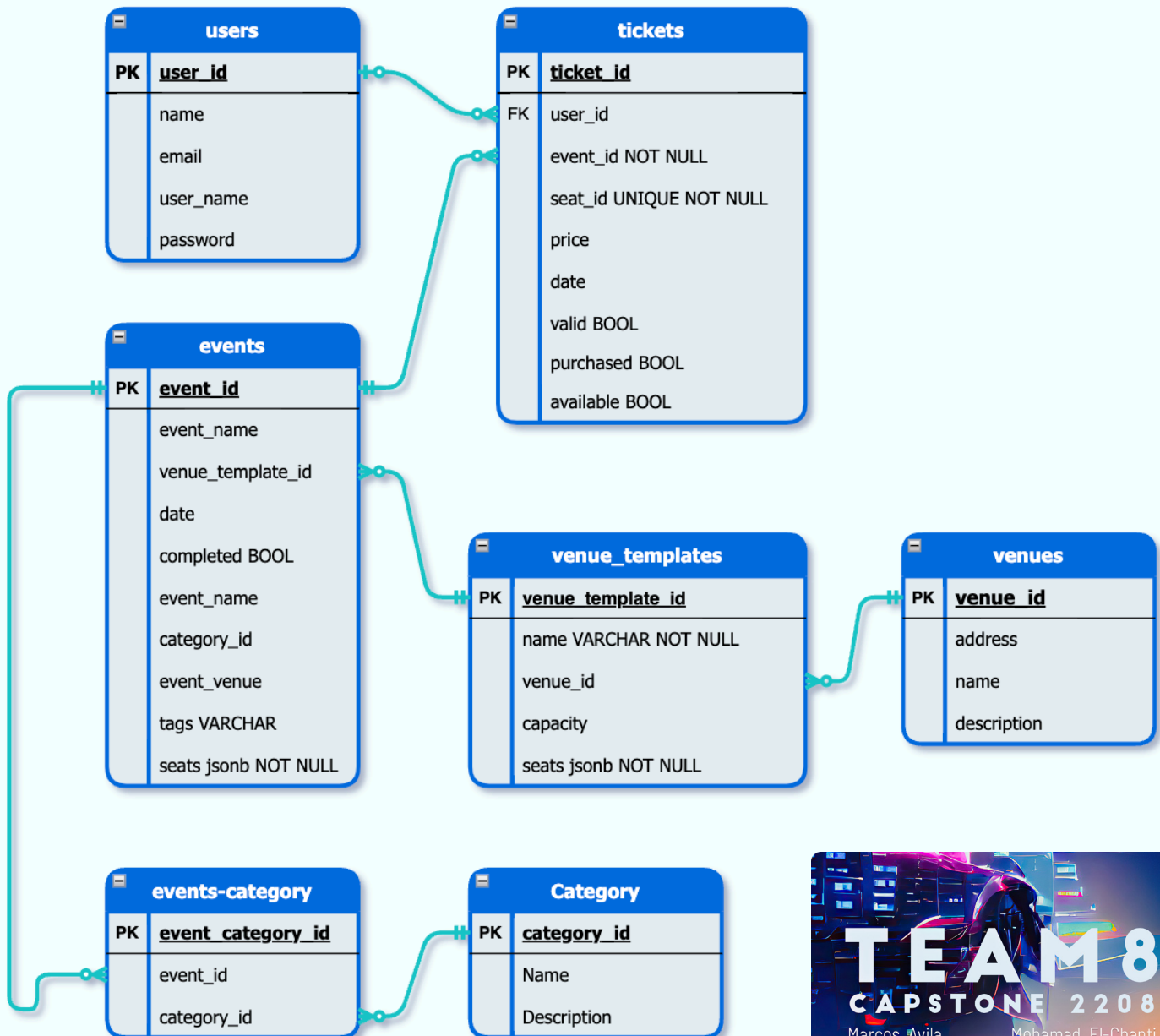
- search for tickets by:
  - category
  - venue
  - nearby (location zip code)
  - Dates
- Purchase tickets
- See your tickets
- Transfer tickets
- Sell tickets
- View expired and sold tickets

## Entities

- Events
- Venues
  - map
  - section
  - row
  - seat
- Performers (multiple)
- Event Categories
- Event\_groups
- Tickets
  - ticket level
- Wallet (specific to user, holds tickets and funds from personal ticket sales)

## Metrics

- 100M monthly visitors
- Bursts in traffic (high traffic when a big event goes on sale)
- ~7M daily visitors
  - ~ Peak: tens of millions per day
- ~300k visits per hour
- ~5K visits per minute
- ~100 Read QPS
  - Peak: ~100K Read QPS
- ~30K Write QPS
  - Peak: 30K Write QPS
- 1.5 TB new data per year
- 100 TB for 50 years



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