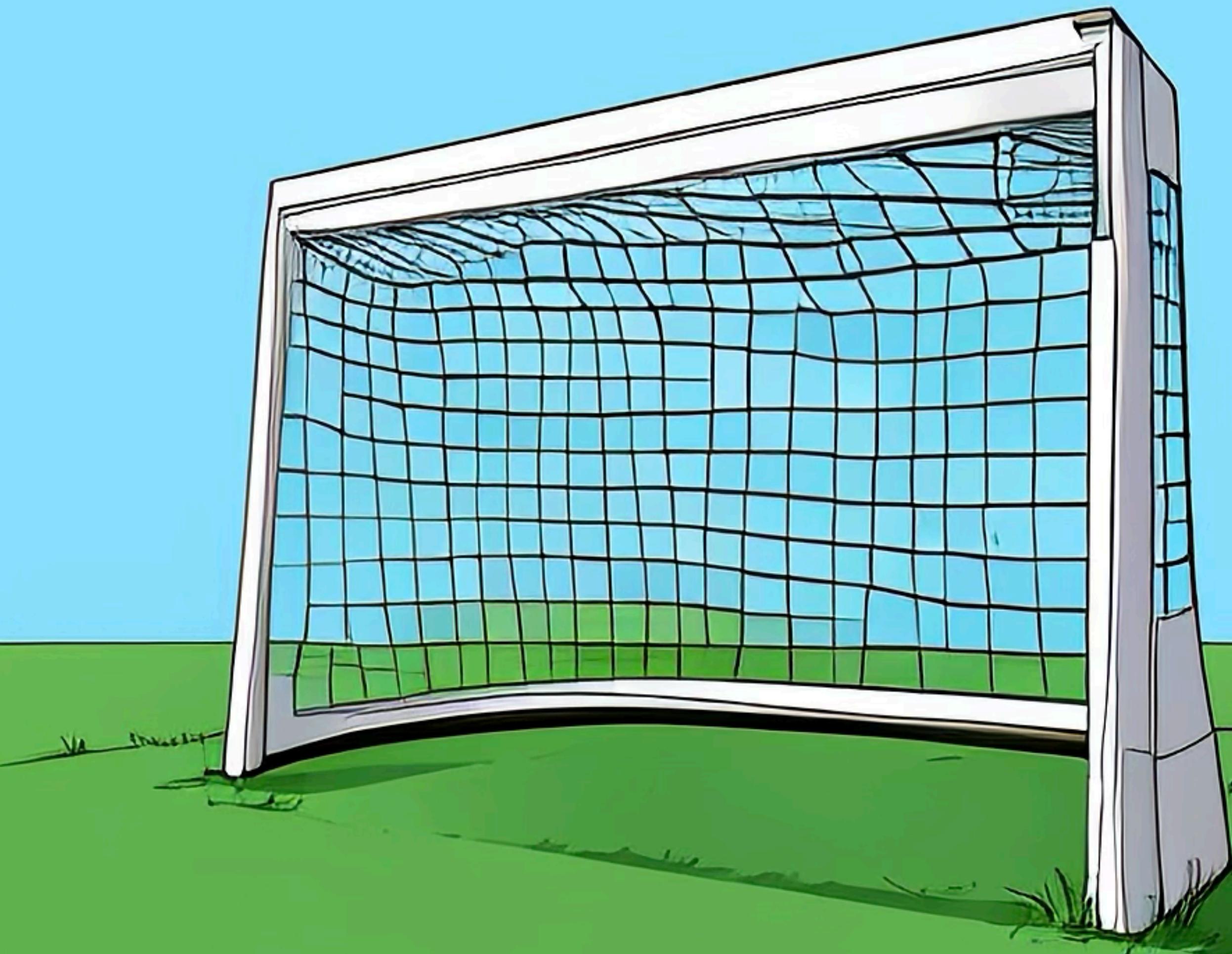


# Finishing touches

Section 14

The goal of this  
section

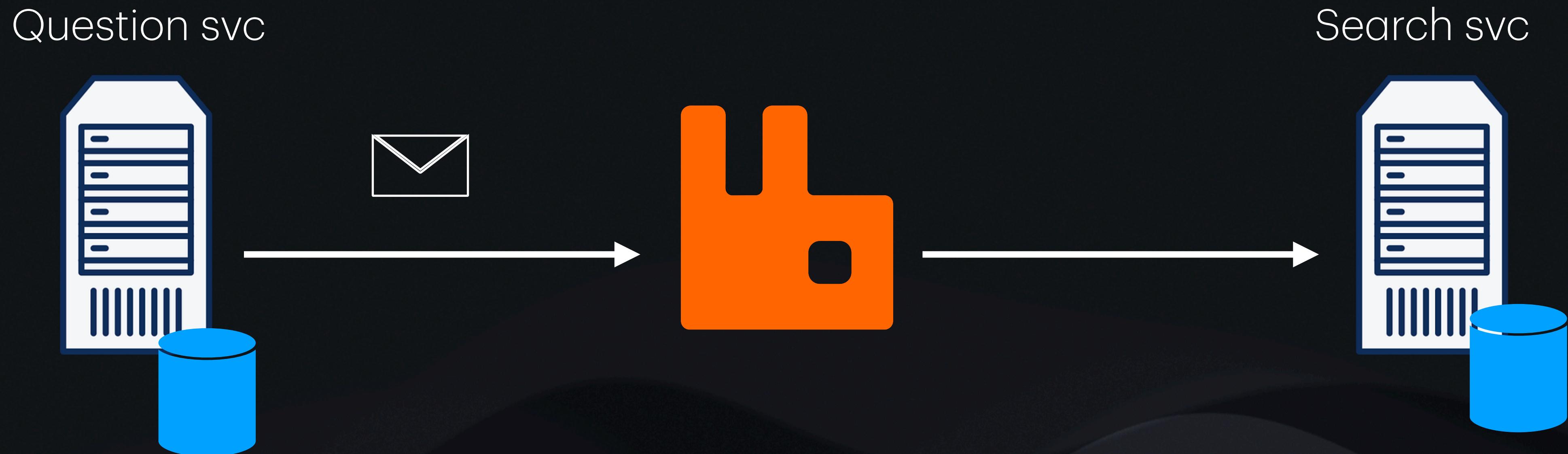


To apply finishing touches to the application including pagination, filtering sorting in the UI

To implement message durability so we do not lose messages if the Service bus goes down

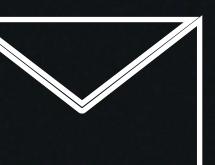
To implement loading indicators in the app

# Message durability

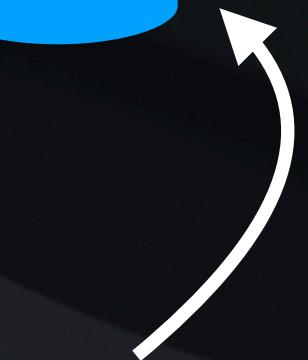
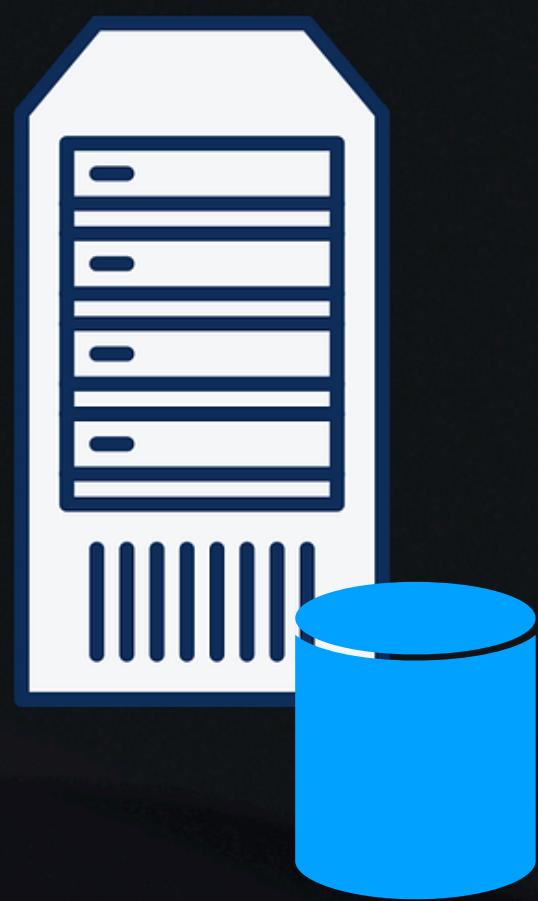


# Message durability (Rabbit Svc down)

Question svc

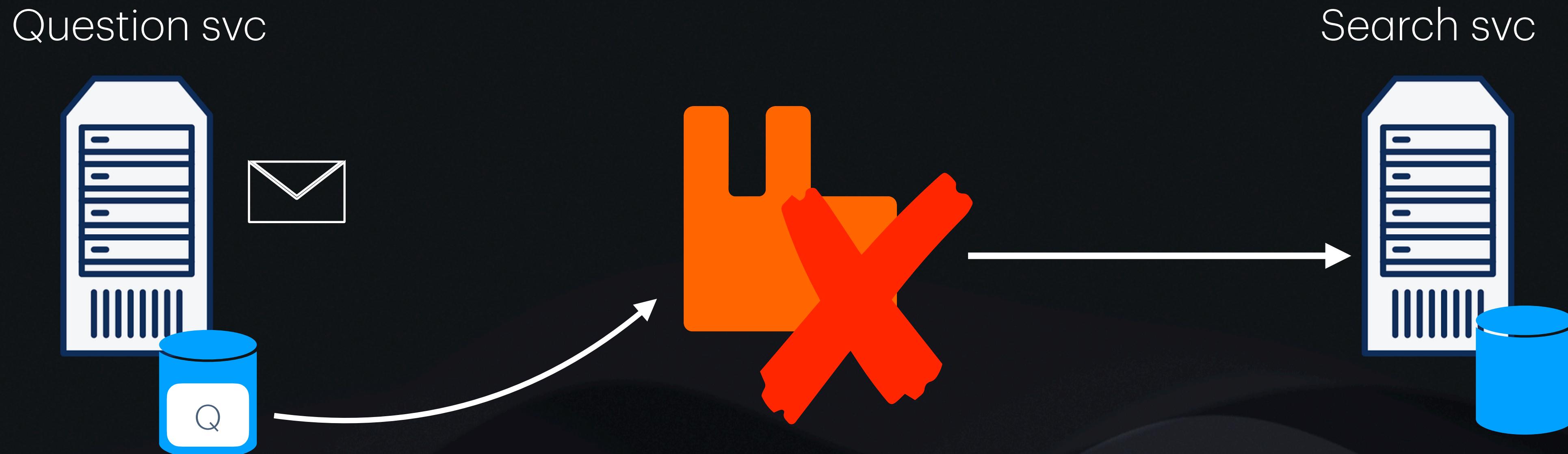


Search svc



Data inconsistency

# Message durability (Transactional outbox)



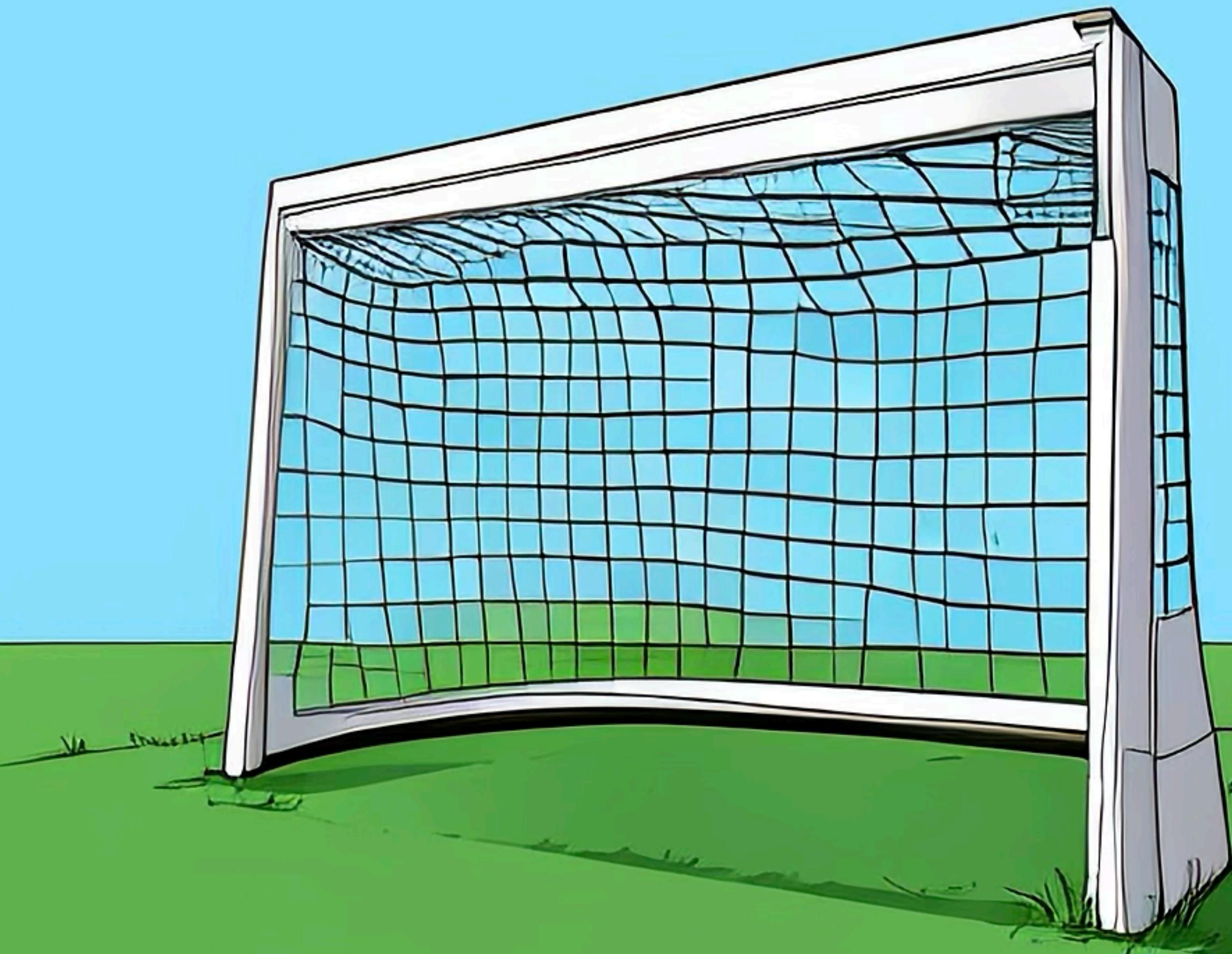
# Wolverine Transactional outbox

- Add WolverineFx.EntityFrameworkCore and WolverineFx.Postgresql packages
- Set up message storage in app (Wolverine does this for us)
- Enroll outgoing endpoints with durable storage
- Enable transactional middleware in Wolverine

# Demo

# Summary of section fourteen

The goal of this  
section



To apply finishing touches to the application including pagination, filtering sorting in the UI

To implement message durability so we do not lose messages if the Service bus goes down

To implement loading indicators in the app

Up next...