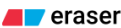
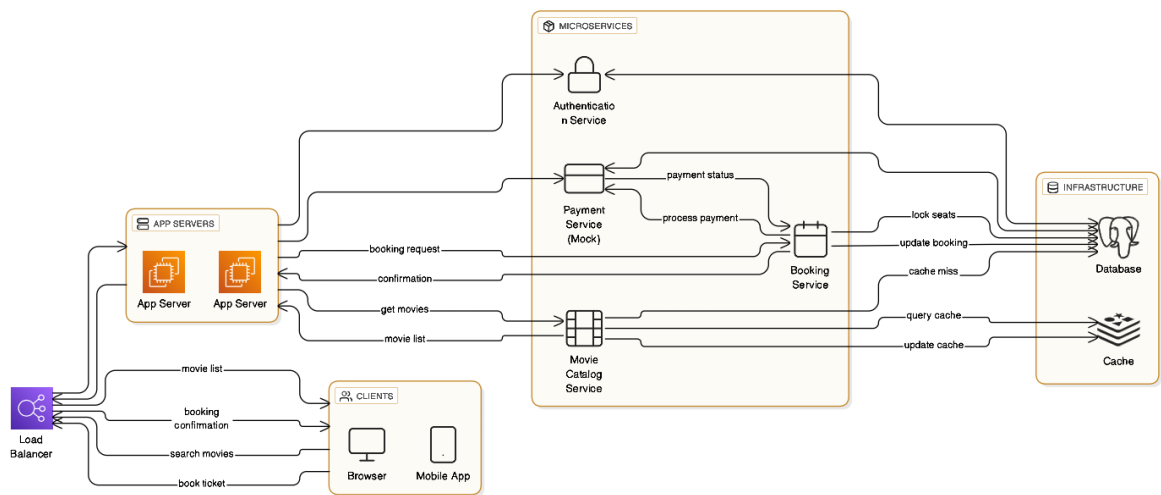


## 1. High-Level Design (HLD)



## 2. Low-Level Design (LLD)

