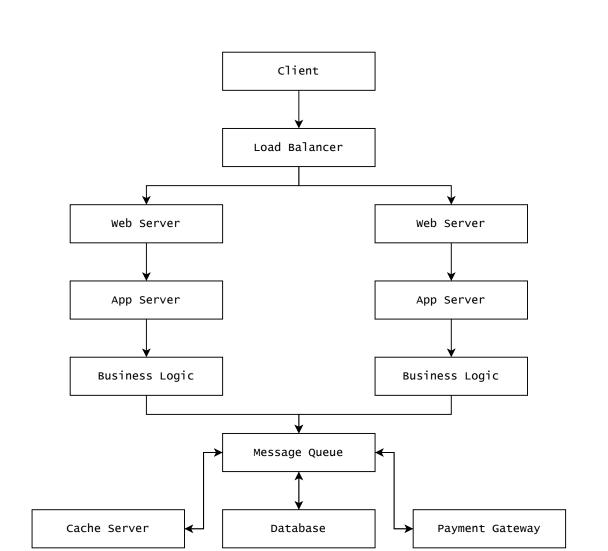
Bank Web Application Client-Server Architecture

- 1. **Client:** The end-user interacting with the system.
- Load Balancer: Distributes incoming requests across multiple web servers for efficiency and reliability.
- Web Server: Handles HTTP requests, static content, and routes requests to the app server.
   App Server: Executes application logic and
- processes business logic.
  5. **Business Logic:** Core logic for handling operations and data processing.
  6. **Message Queue:** Asynchronous task processing
- for background jobs and scaling.7. Cache Server: Stores frequently accessed data to improve performance.
- 8. **Database:** Stores application data, user data, and transactions.
- 9. Payment Gateway: Handles secure payment transactions.10. Monitoring: Tracks performance, errors, and

system health.

• **Possible tech stack:** React, Nginx, Go, Apache Kafka, Redis, PostgrerSQL, Yandex.Kacca, ELK Stack, Prometheus + Grafana



Logs / Metrics