

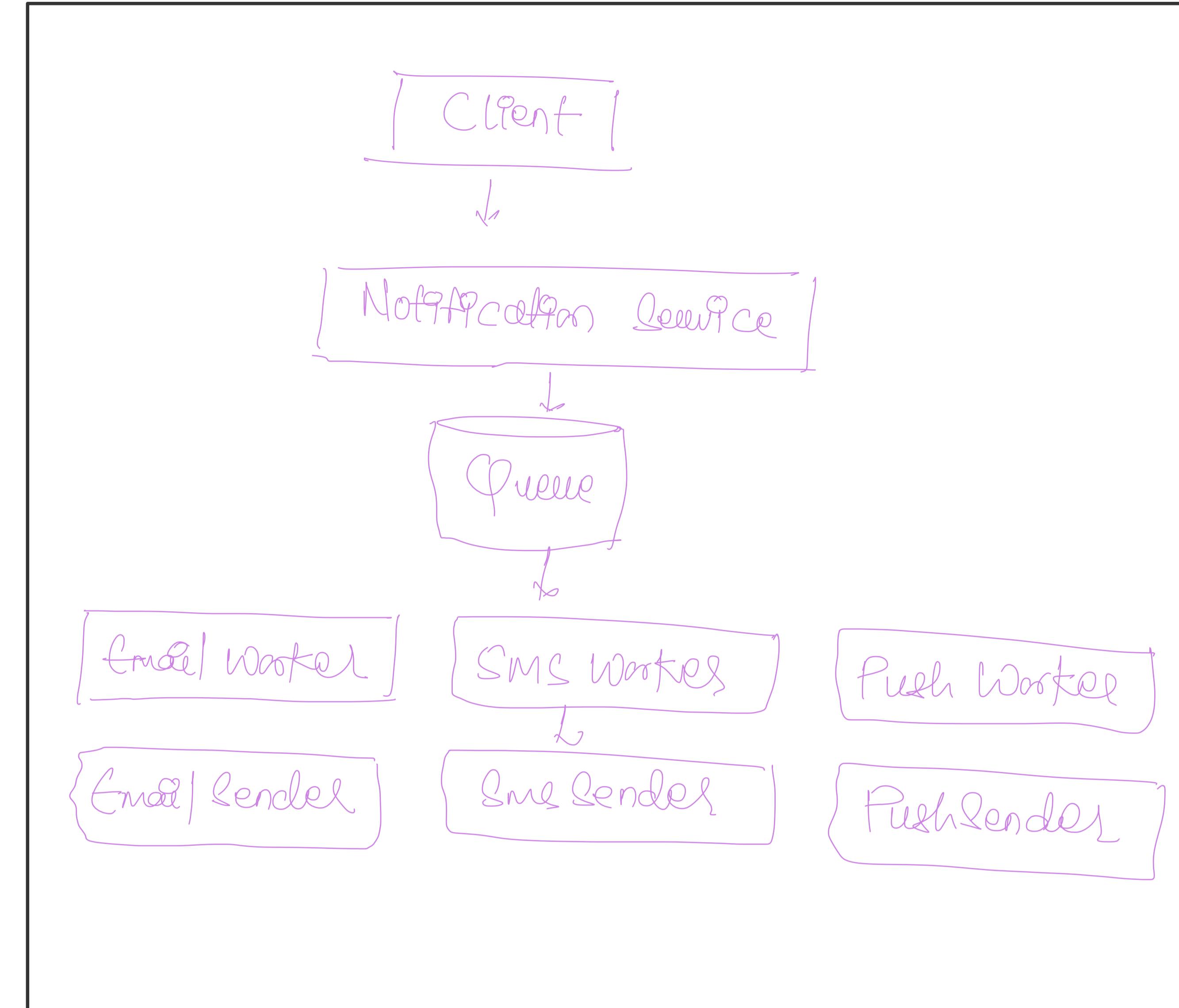
Functional Requirements :-

- Send notifications to users
- Support multiple channels
 - Emails
 - SMS
 - Push Notifications
- User can receive same notifications on multiple channels.
- Notifications can be:
 - Immediate
 - Scheduled

Non-Functional Requirements.

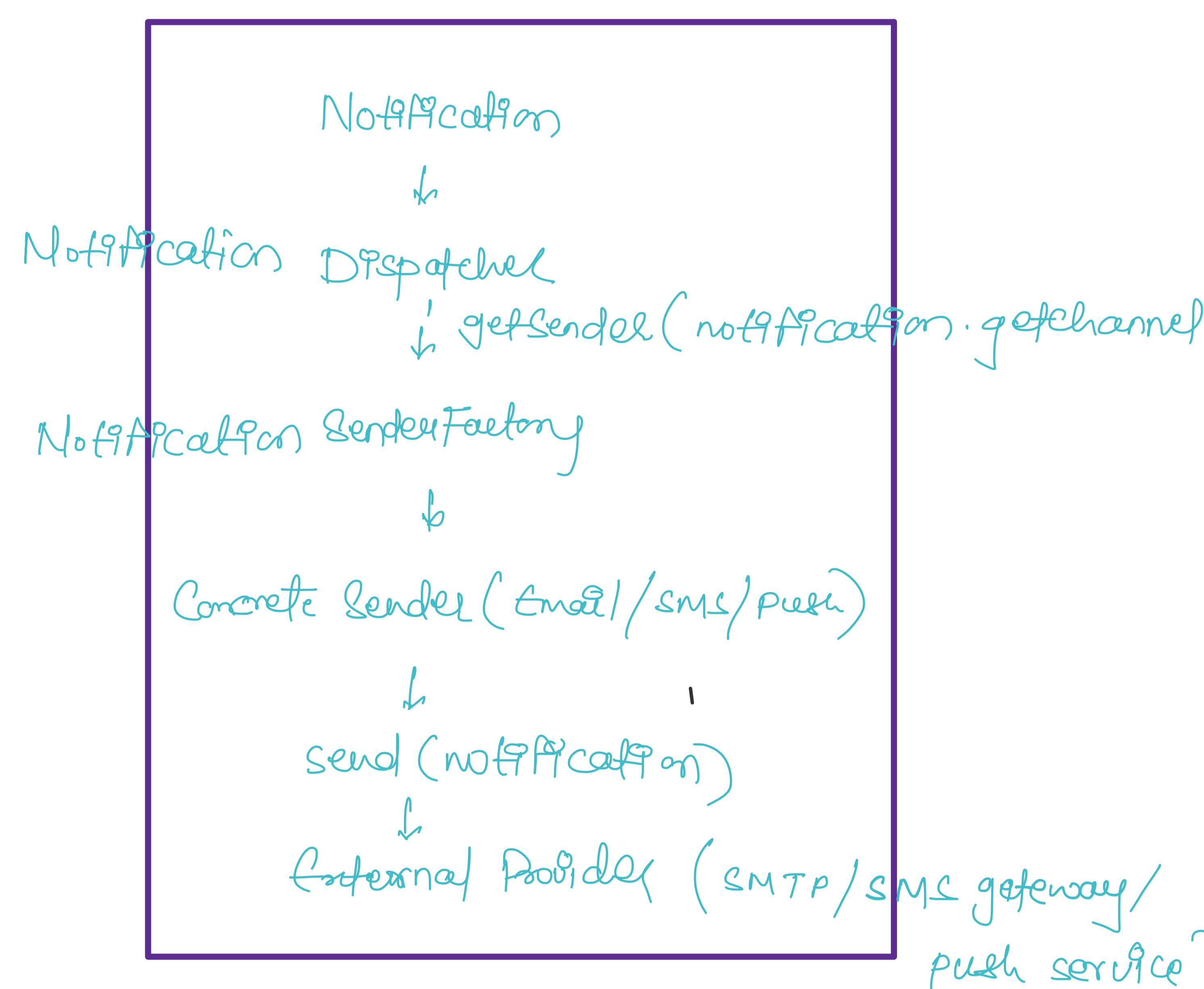
- Scalable (millions of users)
- Reliable (don't lose notifications)
- Extensible (easy to add WhatsApp, Slack later)
- Low latency for real-time notifications.

HLD



LLD :

Runtime execution flow (Who calls whom at runtime)



Class Diagram

