Notification management system

1. System should email, whatsapp, sms
2. System can schedule the messages
3. System can send message in sync way
4. Each message priority
5. Messages can be of type OTPs, transactional msgs, promotional msgs.
6. System should keep info abt subscribed users and clients.
7. System should keep track of preferences of users.

Schema-

<<userNotificationType>>

Whatsapp

Email

sms

Template

Id

Content

msgType

<<Status>>

INITIATED

FAILED

DELIVERED

Messages

Id

templateId

priority

createdBy

createdAt

scheduledTime

<<status>>

sentAt

Msg : recipeint\_id

m\*n

Message\_Recpetient

Id

msgId

recepientId

Recipeint

Id

Name

Email

Phonenumber

Whatsappnmber

subscriptionInfo enum

Subscription

premium

Client

Id

Name

UserPreference

Id

recepientId

preferenceType

U : Pref

1 : N

M : 1

m\*n

Users List<preferences>