Swvl Backend Challenge

In SWVL, we are communicating with our customers via notifications. we are sending Promo codes to customers via SMS. Also, We are sending to our riders notifications during their ride like "Your drop-off station is coming". Customer view all push notifications in the App. Each customer receives a notification with a preferred language.

Specifications

- Some Notification will be sent by SMS.
- Some Notification will be sent via Push Notification to mobile.
- We have two types of notification
- Group notification which are send as a text notification to a group of users.
- The personalized notification which are send as a specific text notification to each user.
- The number of requests of providers (SMS, Email) can handle per minute are limited.

Requirements

- Design and implement the notification schema.
- Implement notification service which handles the database changes and sends notifications for customers.
- Service should be run by docker-compose up.
- Document your APIs.
- Test your code using unit test.

Use Nodejs / Python / GoLang / Scala / Java for your implementation.

*NOTE: you don't need to integrate with Real SMS Provider.