



Notification System

 This is the solution for the notification system [@Lindiwe Ncala](#) [@Robin Martin](#)

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 Objective : This module should generate notification Of SMS as-well as mailing system.

  AC-50: Email SMS Notification Service and URL shortening **DONE**

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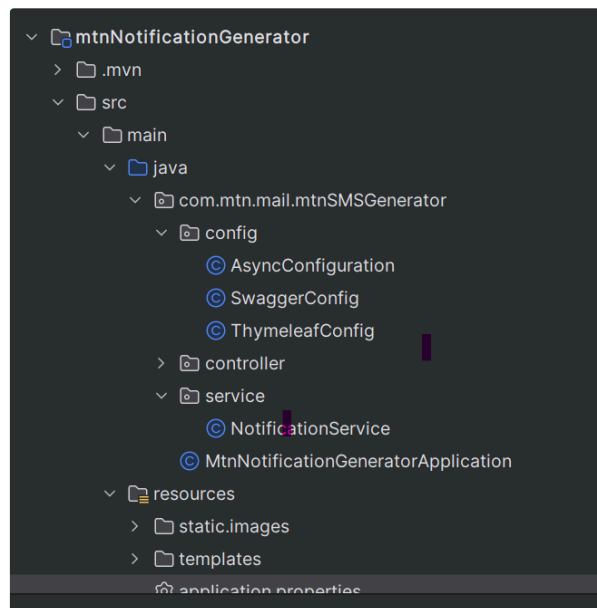
Problem Statement:

create a notification system which would generate notification for mail as-well as SMS.

- **Tool used:**
 - **Spring -boot-is to generate the notification**
 - **Thymeleaf -create the template for the mail**
 - **Mailtrap - capture the mail**
 - **Twilio -is to capture the SMS**

Solution Approach:

create a **injectable** microservice in the **common-connector** which deals with notification.



- **Notification Service:** will going to create the service for the **SMS** and **MAIL**.
- **Thymeleaf config:** will going to create the configuration for thymeleaf.

Note : in template folder one has to create the **HTML** and **THYMELEAF** template.

TEST RESULT:

- Calling the notification API from **Swagger**

Curl

```
curl -X 'POST' \
  'http://localhost:8090/notification/' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "toEmail": "banerjeeindranil854@gmail.com",
    "subject": "test",
    "message": "https://mtngroup.atlassian.net/wiki/spaces/MSA/pages/3839426637/Architecture+Corner",
    "phoneNumber": "+18777804236",
    "html": true
  }'
```

Request URL

http://localhost:8090/notification/

Server response

Code	Details
200	<div>Response body</div> <div><pre>{ "toEmail": "banerjeeindranil854@gmail.com", "subject": "test", "message": "https://mtngroup.atlassian.net/wiki/spaces/MSA/pages/3839426637/Architecture+Corner", "phoneNumber": null, "html": true }</pre></div>

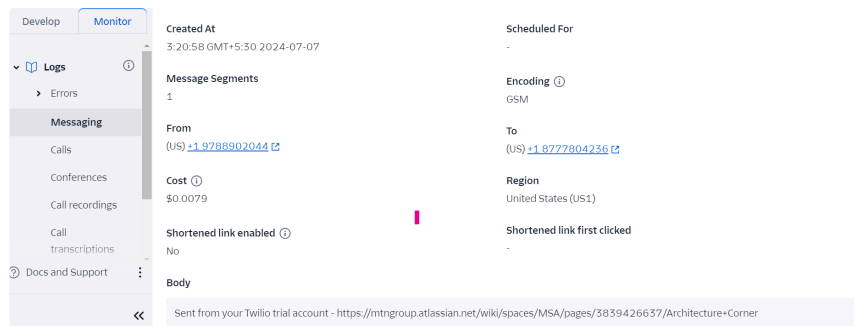
MAIL TEST:



MailTrap Mobile View mail sent

Once you click on the Button in will going to open a dynamic page the [Url shorting](#) needed.

SMS Test:

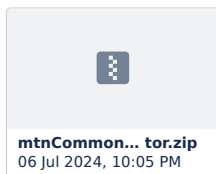


Twilio Message sent

PENDING:

✓ URL shorting needed to be done by @indranil banerjee

Source Code:



Latest Code:

mtnCommonConnector: latest notification changes CLOSED