

# COS 301 Omega Notifications Phase 1

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## 1 Introduction

We are in charge of the creation and sending of notifications in the form of emails and push notifications to the clients device and finally local notifications. We have mock data tests but the unit tests would require actual data from the API. The unit tests have been implemented but not yet activated.

## 2 Emails

We have coded a basic Email program in java that uses the external javax.mail library. This program will later be extended to take in JSON data that will be provided by the API to determine who the email will be sent to as well as the type of email that us to be sent. This code was made in the EmailTest.java class.

We will later create fixed forms to be sent depending on the type of email that needs to be sent: verification, Welcome, password change,etc. These emails will also contain links to the different parts of the website in order to do the different tasks.

## 3 Toasts

Our System will display the notifications on the phone via the use of android toasts. These toasts will be composed from json data that will be pushed to the app and be converted into a toast there. This might change according to how the API and server teams will implement this aspect.

The local toasts will display changes in the local device concerning the app itself. These changes are recorded in JSON data structured and displayed according to the "Msg" field of the JSON structure. These notifications will include those of the type: New mouthpiece downloaded, logged in successfully, you have changed the settings etc.

## 4 Links

### 4.1 GIT

<https://github.com/RashFever/Mouthpiece/tree/notification-sub1>

### 4.2 Monday

<https://cos301omeganotifications.monday.com/boards/491901293>