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## COS301 MINI PROJECT TESTING INFRASTRUCTURE

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Here's a link to Github.

[https://github.com/MatthewGouws/COS301\\_Testing\\_infrastructure](https://github.com/MatthewGouws/COS301_Testing_infrastructure)

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# 1 History

Date	Version	Description
21-04-2015	Version 0.1	Document Template Created
22-04-2015	Version 0.1.1	Added Authorization for B
22-04-2015	Version 0.1.2	Added Authorization for A
22-04-2015	Version 0.1.3	Added Notification Table

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## 2 Introduction

Stub - This will be added in the future

## 3 Purpose

The purpose of this task was to test functionality provided by mid-level integration for infrastructure, which consisted of Notification, Authorization, Spaces and CSDS.

## 4 Project Scope

The scope of the integration for infrastructure was to combine all functional teams code in a manner which could be used by top level integration. From what has been discovered and explained further in this document it shows that both teams A and B have failed to do so. Team A was very difficult to try and decipher. With missing dependencies, while Team B only had mock functionality.

## 5 Functional

### 5.1 use cases and results

#### 5.1.1 Authorization

Use Case(s)	Buzz A	Buzz B
addAuthorizationRestriction	Only mock functionality, but works	Only Mock functionality, does not run
updateAuthorizationRestriction	Only mock functionality, but works	Only Mock functionality, does not run
removeAuthorizationRestriction	Only mock functionality, but works	Only Mock functionality, does not run
getAuthorizationRestriction	Only mock functionality, but works	Only Mock functionality, does not run
isAuthorized	Only mock functionality, doesn't work	Only Mock functionality, does not run

### 5.1.2 Notification

Use Case(s)	Buzz A	Buzz B
Daily Email - Sends Daily Email.		
Delete Notification - Checks if the user should receive a notification		
Edit Notification Settings - Edits the notifications		
Web Notification - returns a list of notifications for the specified user		
Register For Notification - Allows a user to register for notifications on a thread, to specified users		
Standard Notification - When a user adds a new thread it sends notifications to a list of registered users		

## 6 Non-functional

### 6.1 Performance

Stub - This will be added in the future

### 6.2 Scalability

Stub - This will be added in the future

### 6.3 Maintainability

Stub - This will be added in the future

## **6.4 Reliability**

Stub - This will be added in the future

## **6.5 Usability**

Stub - This will be added in the future

## **6.6 Availability**

Stub - This will be added in the future

## **6.7 Manageability**

Stub - This will be added in the future

## **6.8 Security**

Stub - This will be added in the future

## **6.9 Monitorability and Auditability**

Stub - This will be added in the future

## **6.10 Integrability**

Stub - This will be added in the future

# **7 References**

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