

## Introduction:

The purpose of this test is to validate the functionality for all the APIs of USS. The testing is conducted using automated test scripts

## Test scope:

The test focus on the following aspects of APIs :

Data accuracy  
Response code  
Response body  
Authentication

## Test methodology:

The test was conducted using automated testing methods.  
The testing was performed on the latest version of the API.  
The test was conducted using Postman, a tool for API testing and document.

## Test Results:

		Automation	Manual
Total number of TCs	13	13	0
Passed	5	5	0
Failed	8	8	0
Pending	0	0	0
Inprogress	0	0	0
Blocked	0	0	0

Data accuracy was validated for each API call.  
Error messages were displayed incorrectly when invalid data was sent.

## Conclusion:

The number of failed test cases is too high. Many major defects were found, and the APIs are NOT suitable for release to the public.

## Recommendations:

Need to re-work on the APIs because most of the major API calls are failing.  
Enhance the response messages when the failures happen.  
Overall, the APIs do NOT meet all the requirements for functionality and reliability.

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