# Instruction for using MATLAB scripts for checking members’ status

# 1. Introduction

MATLAB code will modify Members’ active status in MemberInfo.xlsx by using the past two sprint of developers’ accepted points and descoped points. MATLAB scripts were created for reducing time-consuming in recording current active status of members in AFSL.

# 2. Record of Manual Revisions

Table 1: Record of manual revisions

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Revision** | **Date** | **Pages Affected** | **Revisions** | **Author** | **Check** | **Approved** |
| 1 | 04/26/18 | All | Created document | Taehan Kook |  |  |
| 2 | 05/02/18 | 2 | Updated document | Taehan Kook |  |  |
| 3 | 08/08/18 | All | Updating document | Taehan Kook |  |  |

# 3. User Manual

Note:

* MATLAB version check has done in R2016b and R2017a. Higher version will be available to run this code.
* This MATLAB code uses last two sheets of “AcceptedDevelopers.xlsm” and “DescopedDevelopers.xlsm” to analyze members’ currently status. However, sometimes there are same sprint data in the last two sheets. Thus, this script prefers to be used after new\_sprint data come out.
* UW MATLAB path must be set up before running the script.
* If there is no member’ names in MemberInfo.xlsx, the names will not be shown in MemberActiveStatus.xlsm even though the names exist in XXXDevelopers.xlsm.

Files Required:

[\\AFSL\LabInfo](file:///\\AFSL\LabInfo\)

* MemberInfo.xlsx

\\AFSL\UserStories\Analysis

* AcceptedDevelopers.xlsm
* DescopedDevelopers.xlsm
* LabMemberStatus.m
* MAIN\_MemberInfoAnalysis.m
* MemberActiveStatus.xlsm

# 4. Steps

1. Check out an Excel file first in Perforce.

* \\AFSL\UserStories\Analysis\MemberInfo
  + MemberActiveStatus.xlsm

\*Reminder: Please run this script after done with User\_Stories Analysis.

1. Open m-file and run it. (check if the script opened in the right directory folder, e.g. C:\devFlightTest)

* \\AFSL\UserStories\Analysis
  + MAIN\_MemberInfoAnalysis.m

Results:

* + - New Active status will be written in MemberActiveStatus.xlsm

1. Open MemberActiveStatus.xlsm. Check the updated data and fill out the operator’s name on Operator column in Summary page. Submit it.