Cohort Exercise 6:

Email Test Cases

Passed: 1. Assert that Email is legitimate, that is, sender email should be in [name@email.website](mailto:name@email.website) address e.g. [laura\_ong@mymail.sutd.edu.sg](mailto:laura_ong@mymail.sutd.edu.sg)

Fail: 1. Check the email templates do not have the following fields: 1) To 2)CC 3) BCC 4) Subject Line 5) Main Body

Fail: 2. Recipient addresses not validated, email subject line black, special characters in Body part handled improperly, and other language characters shown as junk characters on receiving email

Fail 3. Attachment added unsuccessfully, subject is greater than 1MB.

Fail 4. Email sent to multiple recipients, mail server is not from imap.sutd.edu.sg, email addresses is not to user @ mymail.sutd.edu.sg or that sender is blank

Fail 5. Sent Email is not saved in SENT folder, email is not saved in draft when option used Saved/Send later, and that attachment name is incorrect

Cohort Exercise 7

Cohort Exercise 8

To cover each statement of the manipulate(), TestLoop2 (5 < x <= 1000), TestIf2 (x < 5, y <= 12) and TestIf1( x > 1000, y< 1) is needed. 3 tests total.

Cohort Exercise 9

4 tests : TestLoop1, TestLoop2, TestIf1 and TestIf2 are used to cover all branches. This is the minimum

Cohort Exercise 10.

Cohort Exercise 11

Condition coverage possible with 6 Test Cases. TestLoop1, TestLoop2, TestIf1, TestIf2, TestIf3, TestIf4.