**Part2 – White Box Testing exercise**

1. Inside **canReceiveMessage()** method “If” condition is checking for “current user equals to recipient **OR** permission to modify recipients is true – due to this **OR** condition the method is going to return true even if current user and recipient are same and none of them are having permission to modify recipients which is invalid.

**Ways to detect this Bug:**

Set current user equal to recipient and revoke permission to modify recipients.

1. Inside **canReceiveMessage()** method,” return True” is specified outside the “if” block as a result this method is going to return true even for the scenario where user and recipients are not same and none of them are having permission to modify recipients which is invalid. Due to this bug message will get added to successfulMessages Array list without calling getAddRecipientAllowed().

**Ways to detect this Bug:**

Set current user and recipient are different and revoke permission to modify recipients.

1. Suppose if current user and recipient are different, current user doesn’t has permission to modify recipients but recipient has permission to modify recipients then as per the existing if condition inside **canReceiveMessage() ,** it won’t allow recipient to add message .

**Ways to detect this Bug:**

Set current user and recipient as different, current user doesn’t has permission to modify recipients but recipient has permission to modify recipients and provide **goodMessage.setAddRecipientAllowed(recipient, true**).

**Reasons for test didn’t find them:**

Test didn’t find them as current user and recipient are same and both of them have permission to modify recipients.

**Part3 – Specification review exercise**

**Specification Review:**

**Answer 1:**

1. What are the writable and non-writable users?
2. Will non writable user not be able to edit their profiles?
3. Are there any default or auto populated fields in the profile?
4. What are the mandatory and non-mandatory fields in the profile in order to save it?
5. Will there be any non-editable field in the profile?
6. Can a CSR be able to edit profiles for non-writable users?
7. What do we mean by saying Edit profile and changed password should have the same behavior?
8. What will happen if user in midst of updating the profile and internet connection lost?
9. Can confirm password field allow to copy & paste data typed in New password field?
10. What are messages we receive after clicking “Save settings” & “Save Changes”?
11. Can a CSR able to reset the password for a user?
12. Out of all the specifications, what all specifications implementing in the sprint?

**Answer 2:**

**Below is the subset of questions, I would like to ask as these are directly related to product specification. Clear requirements with well-defined scope are necessary to get started with development.**

**That eliminates the risks of frequent changes of codes.**

1. Will non writable user not be able to edit their profiles?
2. What do we mean by saying Edit profile and changed password should have the same behavior?
3. Can confirm password field allow to copy & paste data typed in New password field?
4. Can a CSR able to reset the password for a user?
5. Out of all the specifications, what all specifications implementing in the sprint?