**Test Case**

1. **Introduction**

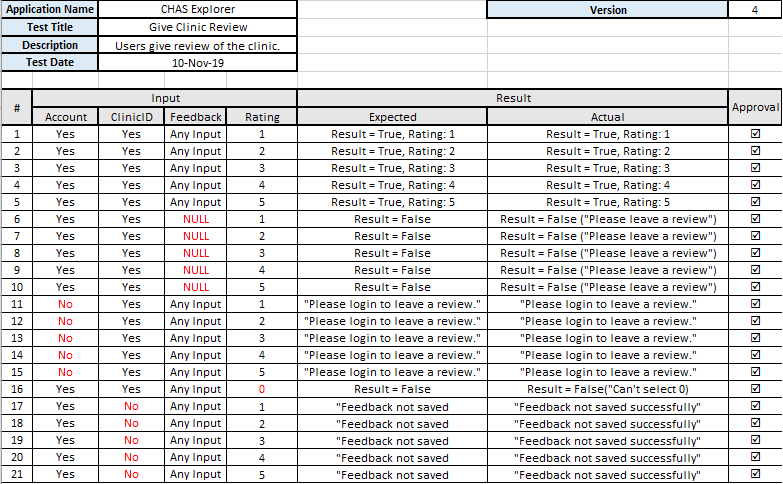
We will be testing Give Clinic Review.

Section 2 Black Box Testing will be testing one important control class and Section 3 White Box Testing will be testing two crucial methods.

**2 Black Box Testing**

**2.1 Testing “Give Clinic Review” Control Class**

|  |  |  |
| --- | --- | --- |
| **Field** | **Valid Test Case** | **Invalid Test Case** |
| **Rating** | * Any Number from 1 to 5 | * 0 |
| **Feedback** | * Any input | * Null Feedback |
| **User** | * Already sign in account | * Haven’t sign in account |
| **Clinic** | * Have select this clinic | * Does not select any clinic |

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1. **White Box Testing**

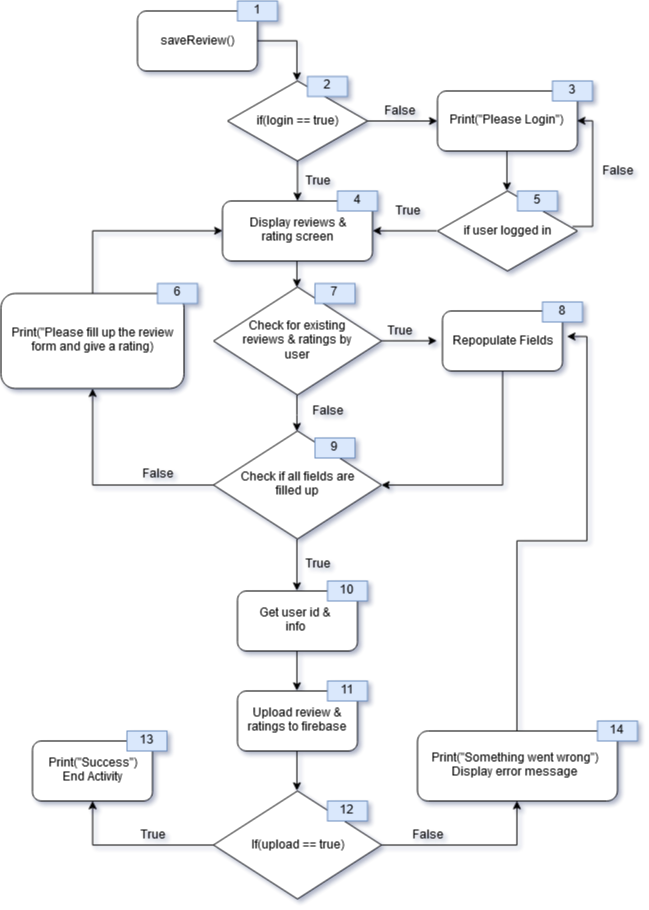
**3.1 Control Flow Test: Save Review**

Method: saveReview()

Parameters: Clinic, feedback, rating, uid, email, photo, firebaseconnection, displayname

Return: boolean

Purpose: upload and save the review into database

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**Basis Paths:**a) 1,2,4,7,9,10,11,12,13

b) 1,2,3,5,4,7,9,10,11,12,13  
c) 1,2,4,7,8,9,10,11,12,13  
d) 1,2,4,7,9,5,4,7,9,10,11,12,13  
e) 1,2,4,7,9,10,11,12,14,8,9,10,11,12,13

**Test Cases:**a) User is logged in submits a new review without existing review found attached to user id.  
b) User is not logged in, logs in successfully and submits a new review.  
c) User is logged in and submit a review, but an existing review is found and fields are repopulated accordingly.  
d) User is logged in and submit a new review but user tries to submit an empty form.  
e) User is logged in and submit a new review, however for some reasons the server fails or form is incomplete and user is prompted to try again.  
  
**Execution Paths:**a) 1,2,4,7,9,10,11,12,13

b) 1,2,3,5,4,7,9,10,11,12,13  
c) 1,2,4,7,8,9,10,11,12,13  
d) 1,2,4,7,9,5,4,7,9,10,11,12,13  
e) 1,2,4,7,9,10,11,12,14,8,9,10,11,12,13

**Cyclomatic Complexity:**[Conditions + 1] = [5 + 1] = **6**   
[Edges - Nodes + 2] = [18 - 14 + 2] = **6**

**3.2 Get All Feedback for Clinic**

Method: getAllFeedbackForClinic()

Parameters: Clinic Code

Return: ArrayList <Review> newReviewAI

Purpose: To Retrieve all Reviews

