

## **HANDOVER-4**

### **GROUP K**

In the handover session the software handed over to us has a total of 22 black box test cases, out of which we have successfully debugged most of the issues, the only left was adding new features of edit and delete items.

We tried implementing these features too, but were only able to include them for all the users of the software. But, ideally only the user who has added a particular product should have the accessibility to edit or delete its details, as we were not able to include this aspect to the feature so we decided to not include it at all in the software, it would have been better if these features could have been incorporated during the earlier development phases.

While, there were a total of 17 white box test cases, out of which 6 were failing, we have successfully dealt with 2 test cases.

The remaining 4 test cases:

1. SellingPageTest > testNoImageProductNotAdded() FAILED
2. SellingPageTest > testNegativeSellingPrice() FAILED
3. SellingPageTest > testFutureYearOfPurchase() FAILED
4. SellingPageTest > testNegativeActualPrice() FAILED

Albeit, these failed test cases are only internal and not affecting the user experience and expectations at all because to handle them we have used the Application-level-validation, to ensure that data is consistent when being added by the user in the GUI, but even after applying several approaches like database constraints in the code logic, they could not be rectified internally.

## **BUG FIXES:**

1. Create Account - account creation with invalid input (spaces only) – The user could create a new account by simple blank spaces, which we fixed.
2. Create Account - account creation with an already existing username – The creation of new account was possible even with the same credential (username), we fixed that.
3. Log in - without username and password – Users could log in even without entering any username or password, we fixed that.
4. Selling Item - fill the 'Item name' field with only spaces and fill the other fields with valid input – Fixed
5. Selling Item - 'Year of Purchase' field is negative – Fixed
6. Selling Item - Price fields are negative – Fixed
7. Selling Item – Year of purchase is future year – Fixed

## **NEW FEATURES ADDED:**

1. **Add to cart functionality added** : The feature of adding the products to cart functionality was missing in the earlier versions of the software , so we created a separate cart tab to include this functionality .
2. **Cart page created** : The cart page is created which include features such as removing items from the cart and display of total amount of all the products in the cart .