

ON-LINE SALES PORTAL

TEST SUITE DESIGN

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1 Introduction

1.1 Description

This document sketches out the test plan for the Online Sales Portal (OSP). The plan used the black box approach and the white box approach to uncover the various bugs in the software. It was necessary then to perform regression testing to ensure no new bugs had been introduced due to the introduction of correction patches to the code.

1.2 Related Documents

- OSP-SASD
- OSP-SRS
- OSP-UML DIAGRAM

1.3 Hardware Requirements

RAM : Preferably over 512 MB for better performance.

CPU : 32 bit or 64 bit.

1.4 Software Requirements

The system is expected to have Java Run time Environment installed in it. Any modern day Operating systems for which JRE is available are allowed.

2 Test Plan and Testing

2.1 Black-Box Testing

Characteristics

- Black box testing is a method of software testing that examines the functionality of an application (e.g. what the software does) without peering into its internal structures or workings.
- This method of test can be applied to virtually every level of software testing: unit, integration, system and acceptance.
- It typically comprises most if not all higher level testing, but can also dominate unit testing as well.
- Typical black box test design techniques include: a. Decision table testing b. All pairs testing c. State transition tables d. Equivalence partitioning e. Boundary value analysis

- There are many types of Black Box Testing but following are the prominent ones: a. Functional testing – This black box testing type is related to functional requirements of a system; software testers do it. b. Non functional testing – This type of black box testing is not related to testing of a specific functionality, but non functional requirements such as performance, scalability, and usability.

2.1.1 Equivalent Class - Customer Registration Testing

STATE : The customer opens the portal and clicks on Sign Up button.

SAMPLE INPUT :

CUSTOMER NAME : newperson
 CUSTOMER CITY : newcity
 CUSTOMER TELEPHONE : 9988998899
 CUSTOMER EMAIL : latest@gmail.com
 CUSTOMER IM ID : not choosen.
 CUSTOMER TYPE : seller.

Clicks on the submit button to get registered.

EXPECTED OUTPUT : The customer is successfully registered as a seller with the username and password generated by system are reported.

ACTUAL OUTPUT : "Registration Successful . The Username is : seller14 The password id is : 3215258" - message is displayed.

TEST RESULT - PASSED.

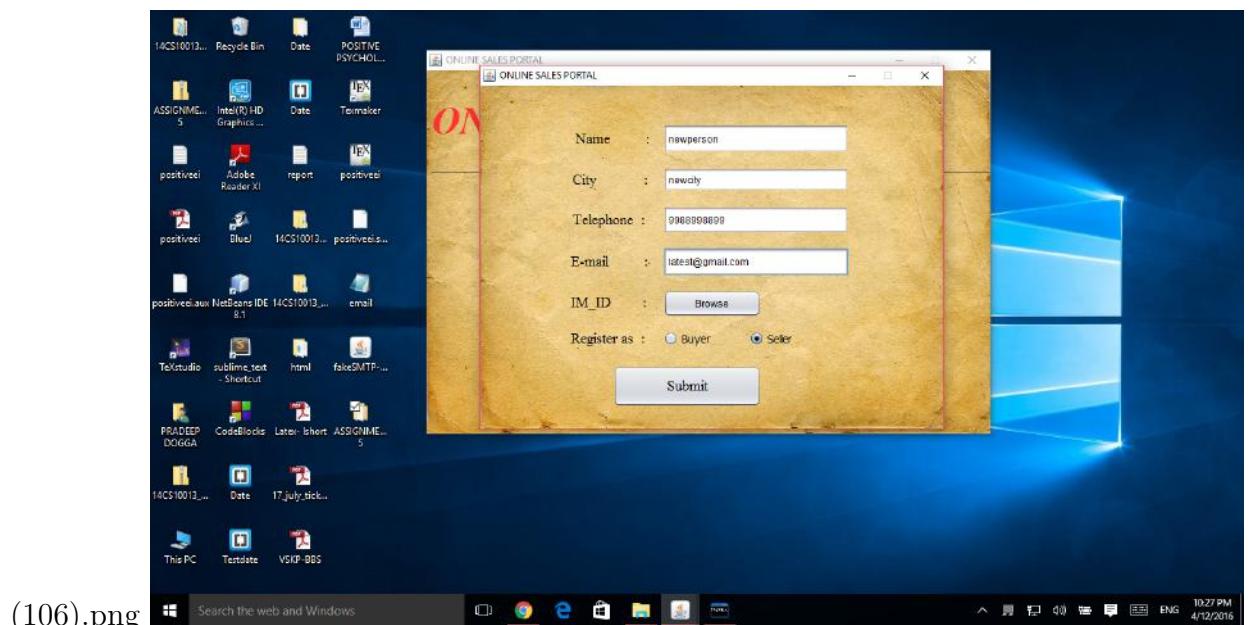


Figure 1: Filling the registration form.

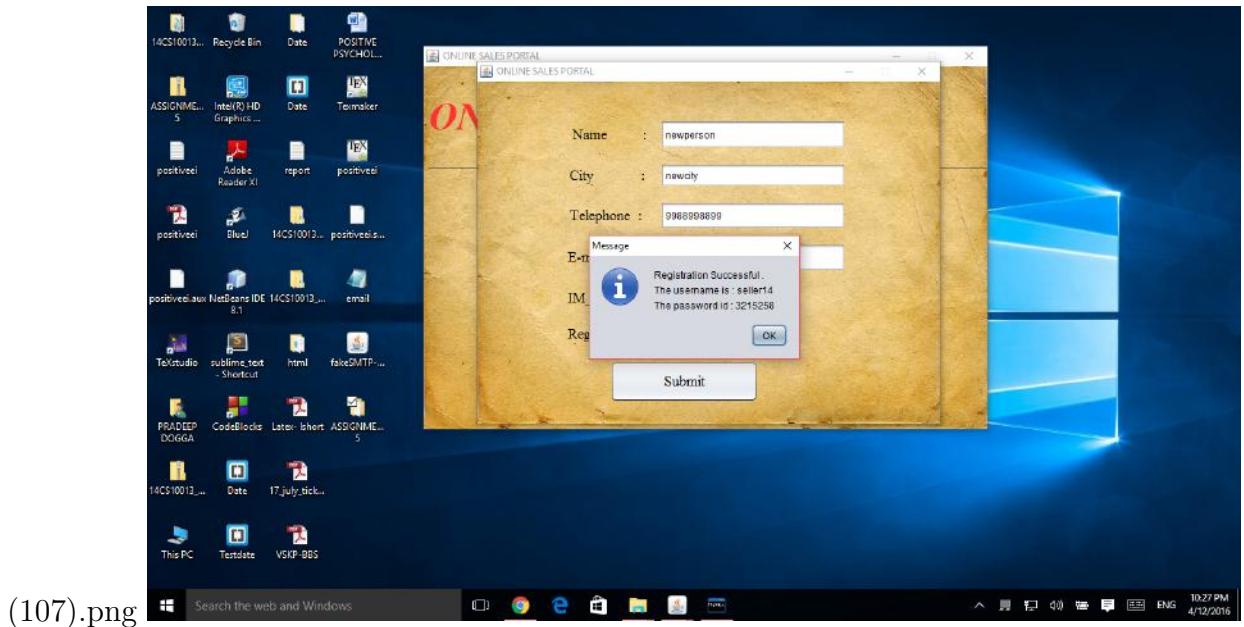
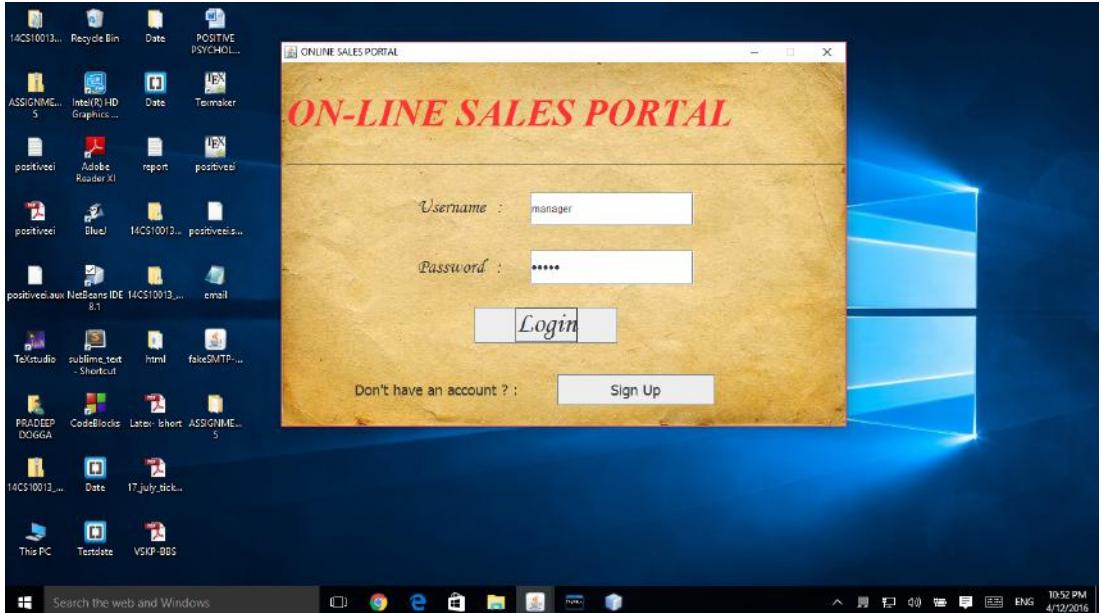


Figure 2: Successfully registered.

2.1.2 Equivalent Class - Login Testing

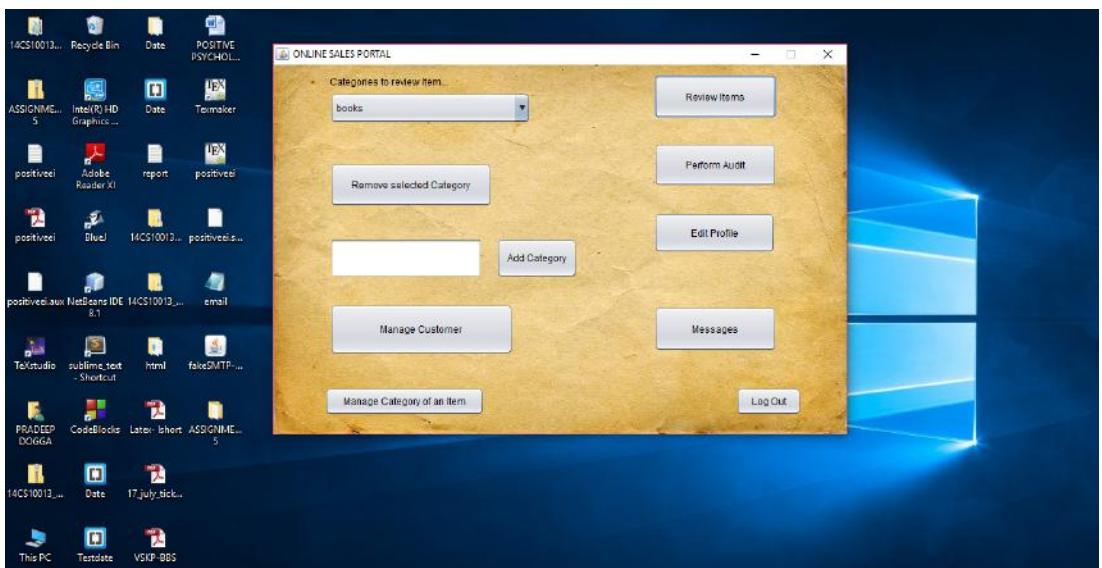
Class	Sample Input	Expected Output	Actual Output
Manager	Username : manager Password : admin	No Error message. Login Successful	No Error message. Login Successful
Seller	Username : seller14 Password : test	No Error message. Login Successful	No Error message. Login Successful
Manager	Username : buyer6 Password : test	No Error message. Login Successful	No Error message. Login Successful

TEST RESULT : PASSED.



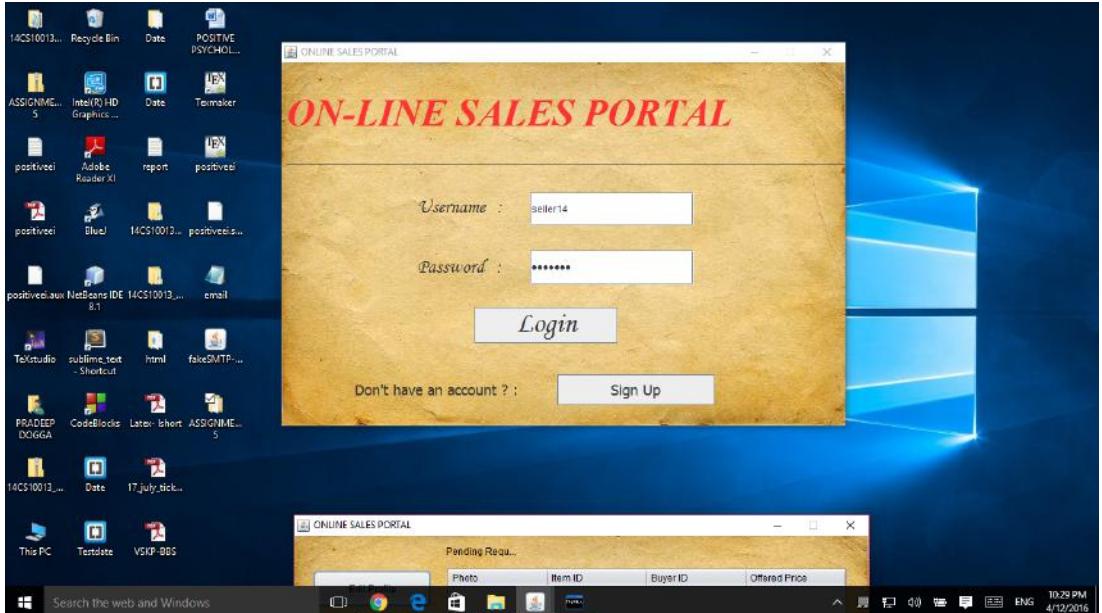
(156).png

Figure 3: manager login



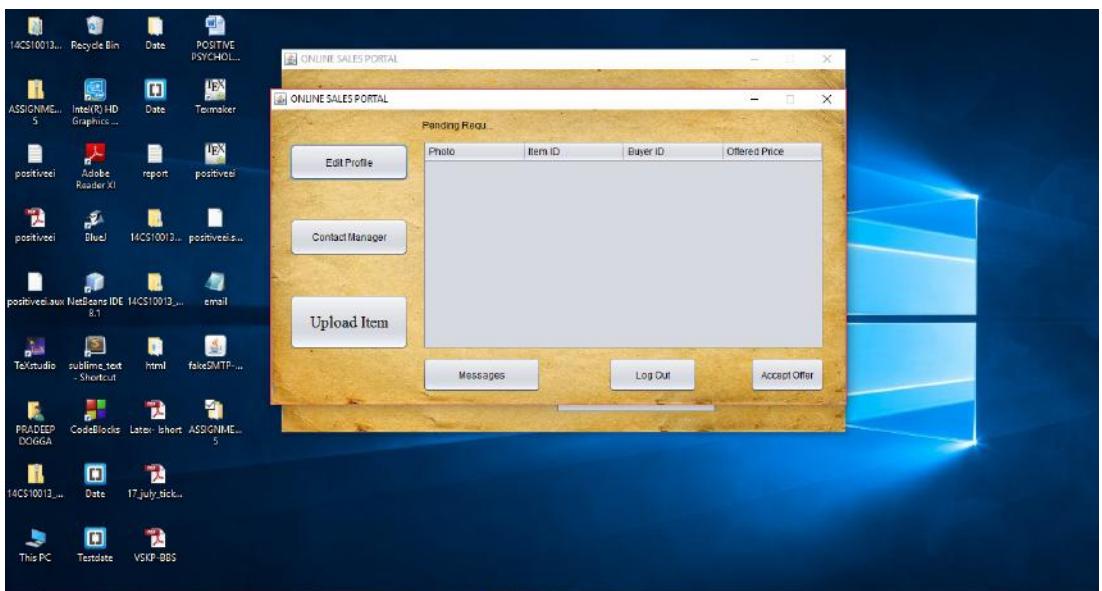
(134).png

Figure 4: Logged in page of manager



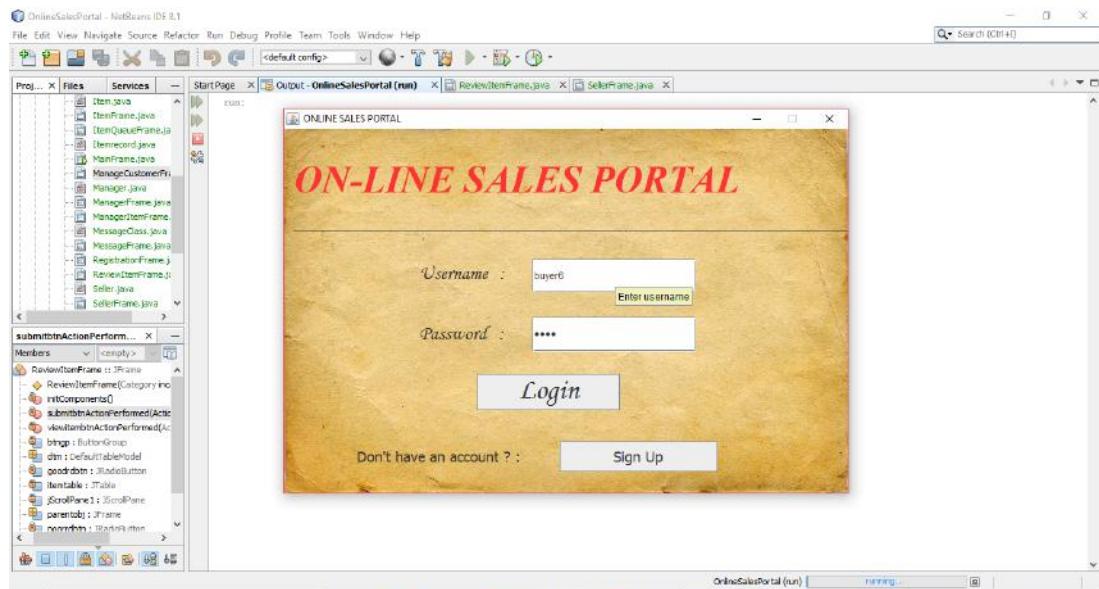
(108).png

Figure 5: seller14 login



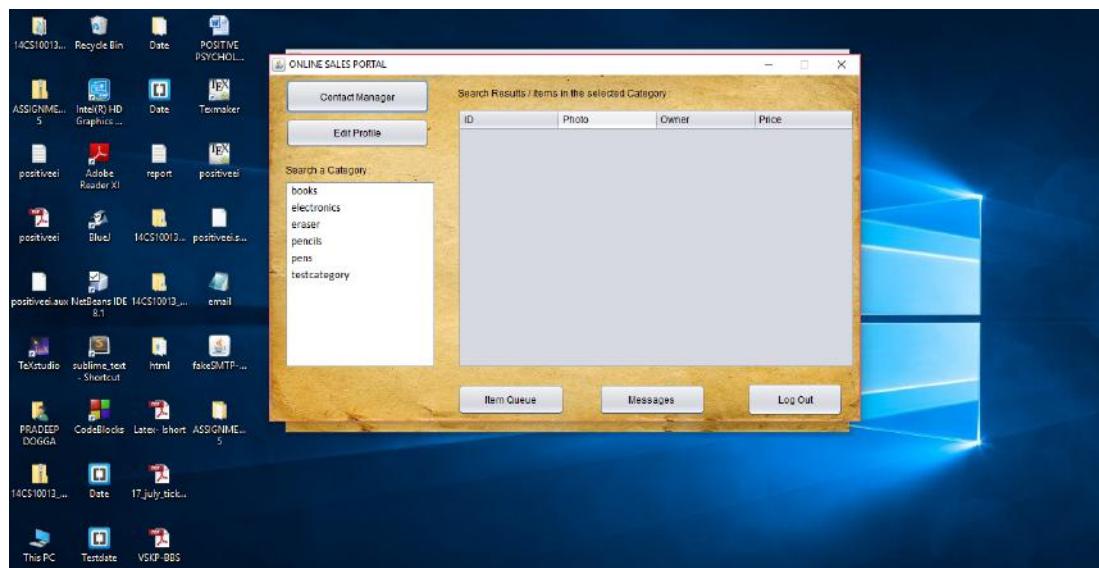
(109).png

Figure 6: Logged in page of seller14



(198).png

Figure 7: buyer6 login



(160).png

Figure 8: Logged in page of buyer6

2.1.3 Uploading Item

The following are the details of the item to be uploaded by the logged in user seller14 :
SAMPLE INPUT :

Item Category : Books.

Item city : kharagpur.

Item photo : selected from the pc : "nice-earth-wind-hd-wallpaper-backgrounds.jpg"

Item Price : 123.00.

Item Manufacturing company : penguin books.

Item information : best selling book of the year.

Item age : new (0).

Item weight : heavy.

EXPECTED OUTPUT : ITEM UPLOAD SUCCESSFUL.

ACTUAL OUTPUT : "Item uploaded successfully." - Message is displayed.

TEST RESULT : PASSED.

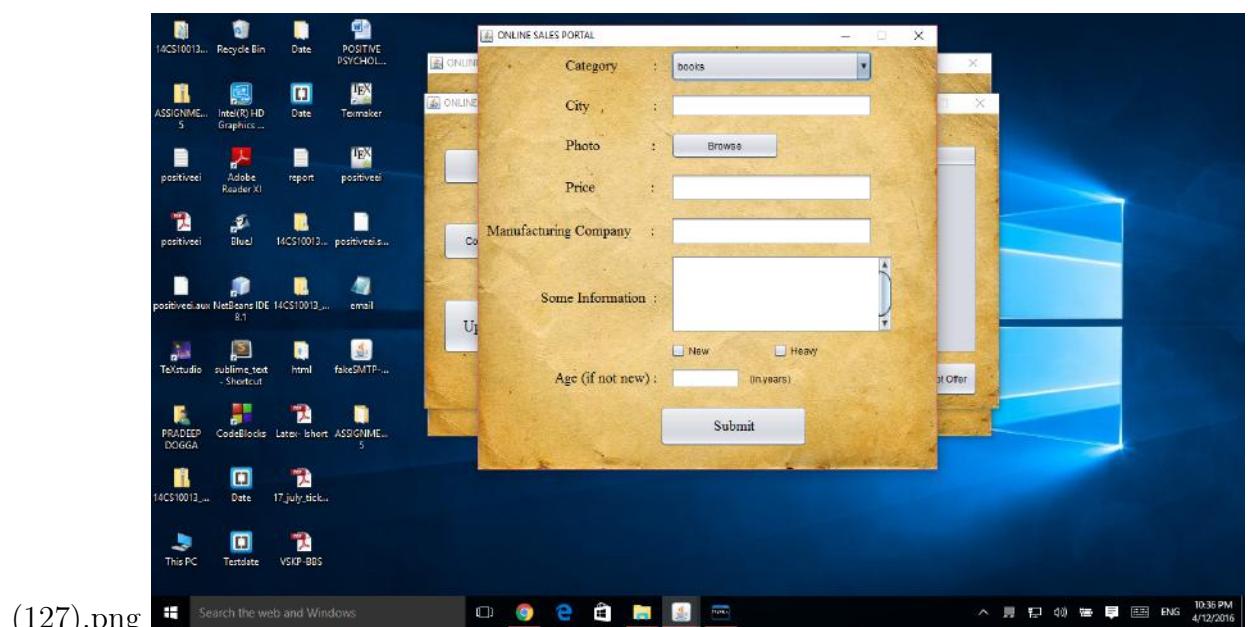


Figure 9: Upload item window

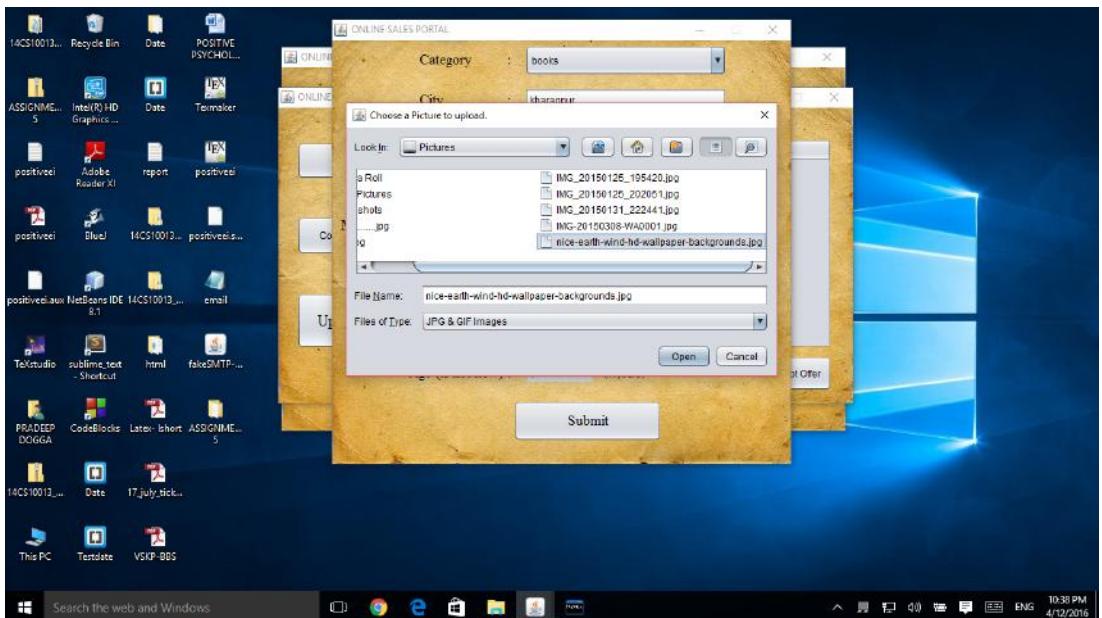


Figure 10: Filling details

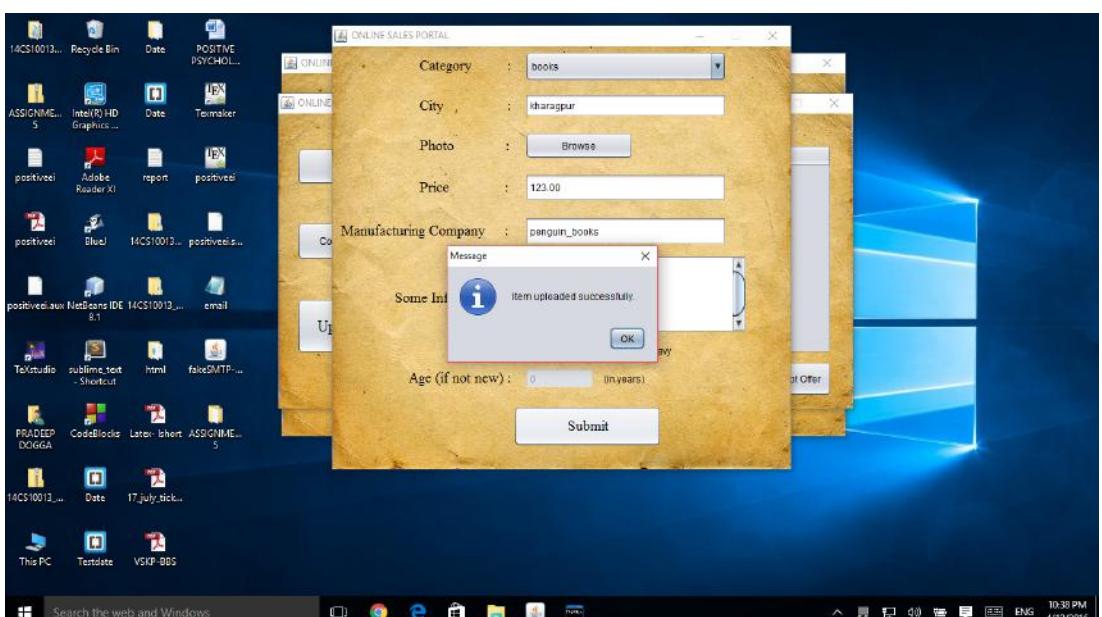


Figure 11: Item successfully uploaded

2.1.4 Searching an item by buyer

State : The logged in buyer6 (as mentioned in the table) searches for the item uploaded by seller14.

Sample Input : The buyer6 selects a category "testcategory" from the list of categories and finds the items in that category.

EXPECTED OUTPUT : The search results (items in the selected category) are displayed.

ACTUAL OUTPUT : The item with id - 9 and owner as "seller14" and price 123.00/- is displayed in a table.

TEST RESULT : PASSED.

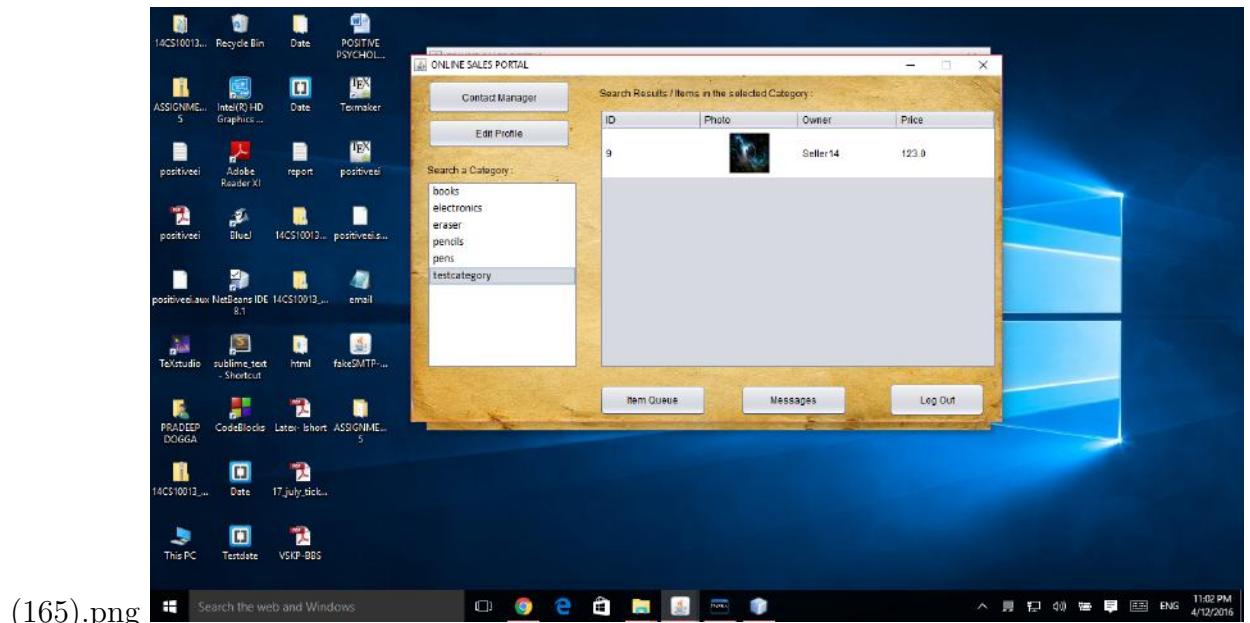


Figure 12: search results

2.1.5 Raising a Request to buy an item

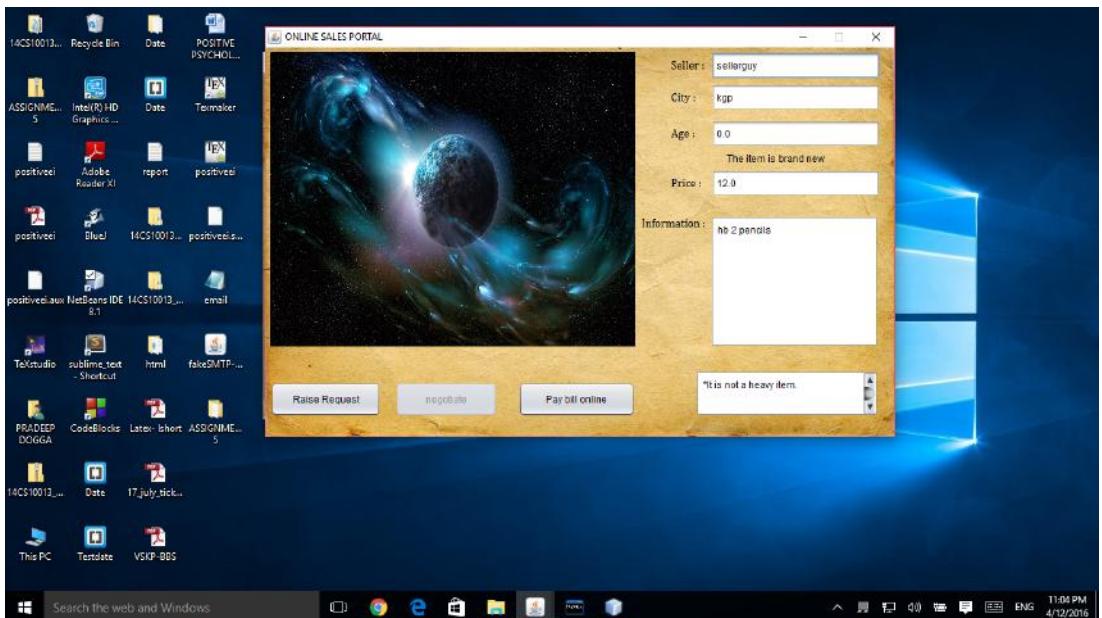
STATE : The buyer logged in and searched for an item and selected an item.

SAMPLE INPUT : Buyer clicks on the raise request button, enters the price he wants to offer and clicks on ok button.

EXPECTED OUTPUT : The offer is registered and the seller is notified.

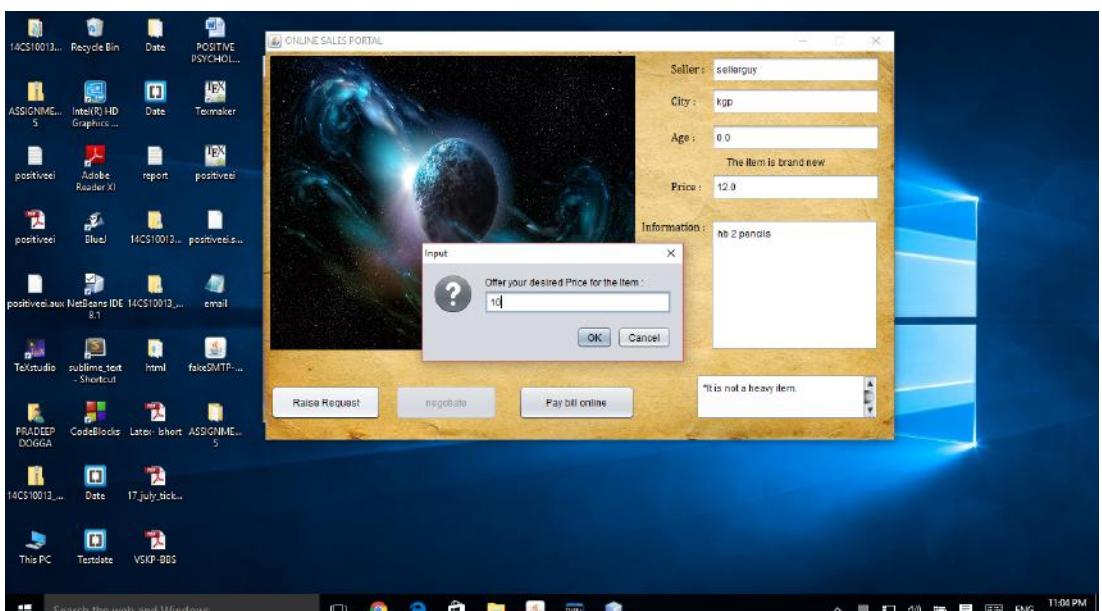
ACTUAL OUTPUT : "Offer registered. You are free to negotiate with the owner." - message is displayed , showing the successful registration of offer.

TEST RESULT : PASSED.



(168).png

Figure 13: Item Details



(169).png

Figure 14: Offering price for item

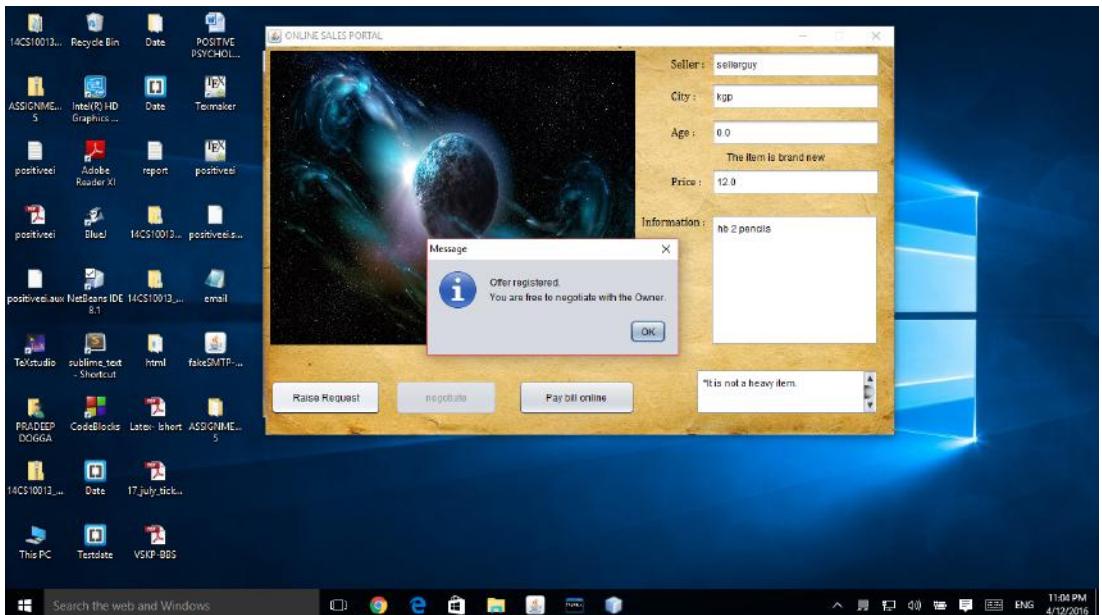


Figure 15: Successful offering

2.1.6 Buyer Negotiates on the selling price

STATE : Buyer has requested the seller for the item with the offered price.

SAMPLE INPUT : The buyer clicks on negotiate button and sends a message to the seller with the subject - "NEGOTIATION FROM BUYER6 REGARDING ITEM9" and the message- "TESTING NEGOTIATION MESSAGE.". The buyer clicks on the send button.

EXPECTED OUTPUT : Negotiation message successfully sent to the owner of the item.

ACTUAL OUTPUT : "Message Successfully sent" - message is displayed.

TEST RESULT - PASSED.

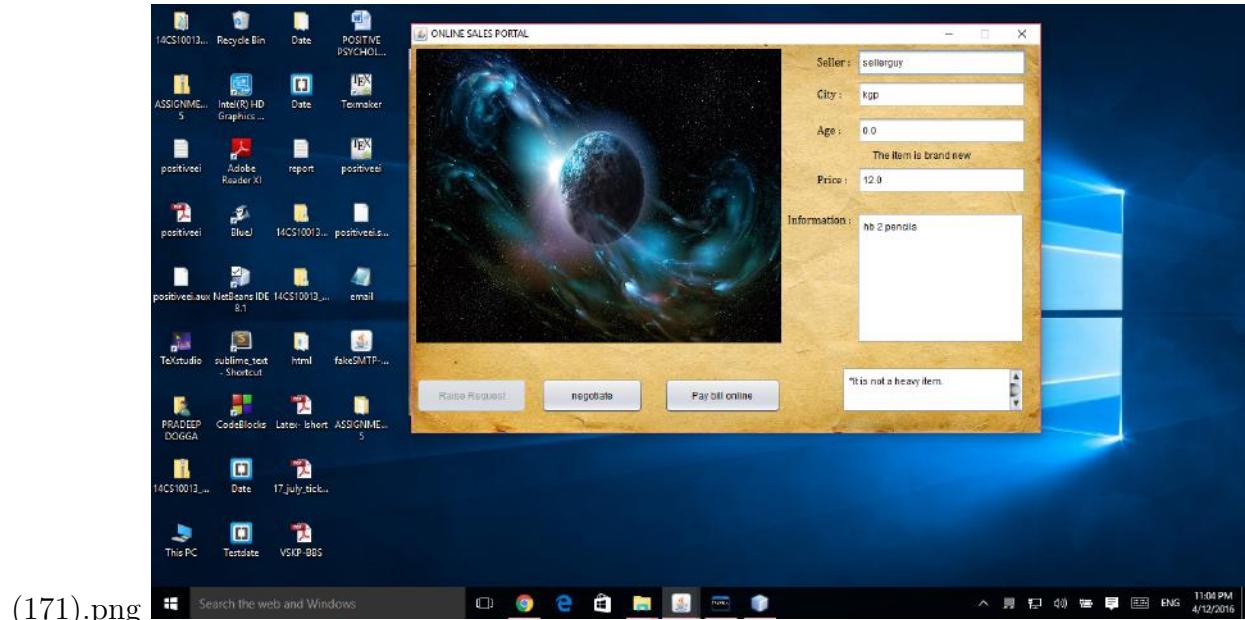


Figure 16: Buyer selects negotiate button

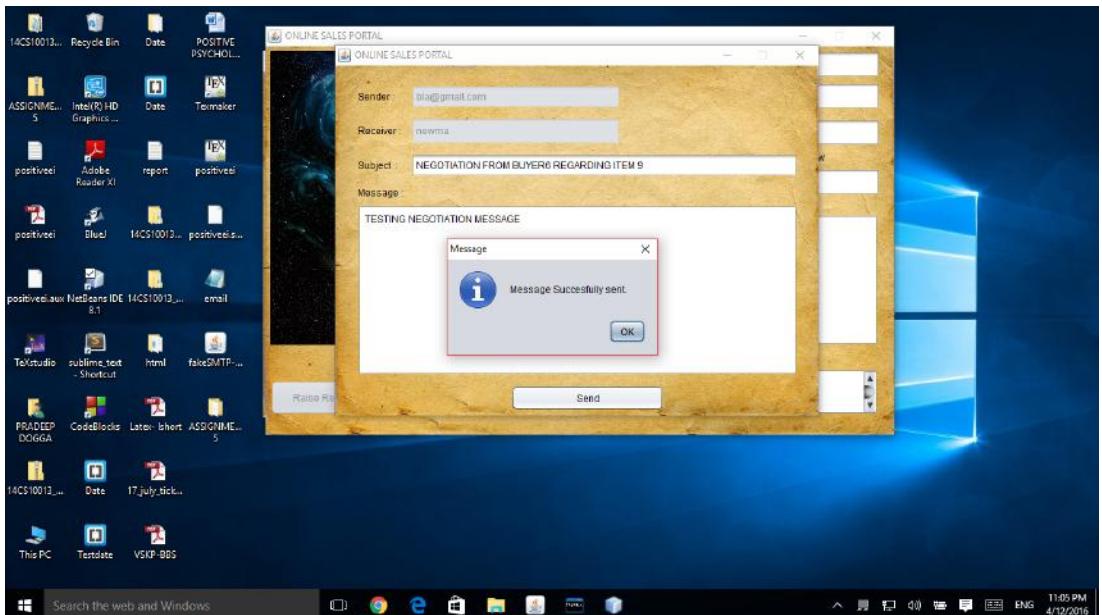


Figure 17: Negotiation message window.

2.1.7 Buyer Pays the money Online

STATE : The buyer has selected an item with optional offering price and negotiations with the seller and manager.

SAMPLE INPUT : The buyer clicks on pay bill online button.

EXPECTED OUTPUT : The item is sold to the buyer.

ACTUAL OUTPUT : "Your item will be shipped within ten days. You can return the item within 15 days after you receive the item with full refund." - message is displayed.

TEST RESULT - PASSED.

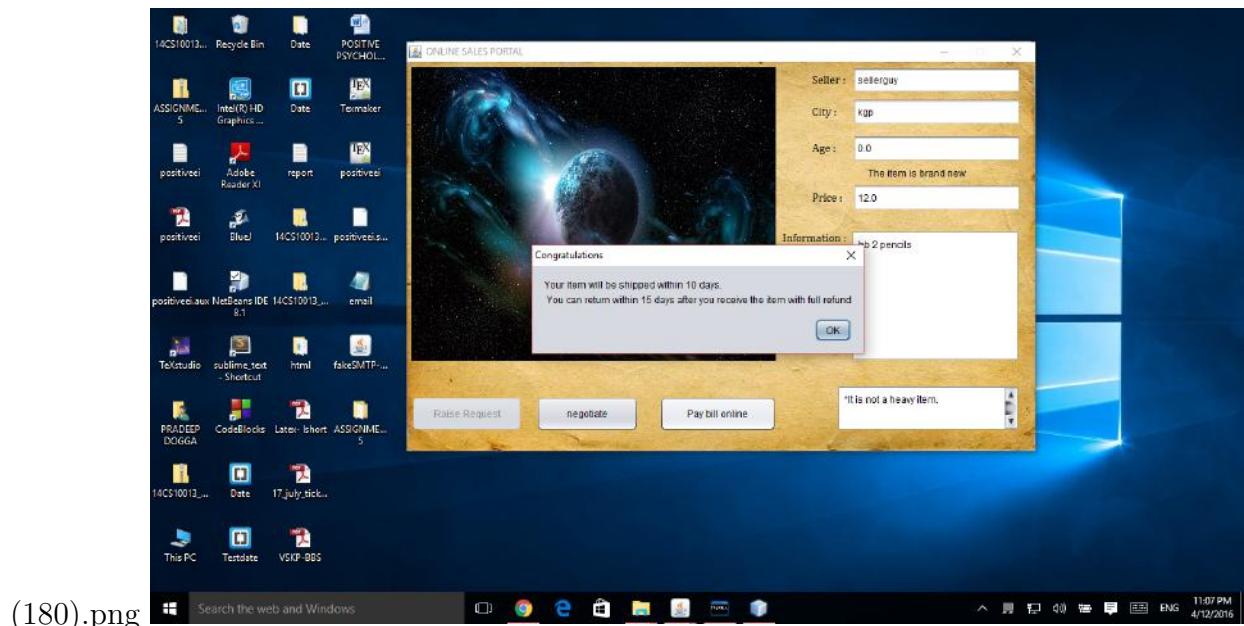


Figure 18: Negotiation message window.

2.1.8 Buyer cannot buy heavy item if not in the same city

STATE : The buyer has searched for an item.

SAMPLE INPUT : The buyer selects the item and finds it as a heavy item.

EXPECTED OUTPUT : The item is heavy and it cannot be purchased as the buyer is not in the same city.

ACTUAL OUTPUT : All the buttons to request , negotiate and pay bill online are deactivated and at the bottom right corner a message states - "It is a heavy item. Can only be sold if the buyer and seller cities are same."

TEST RESULT - PASSED.

2.1.9 Seller receives and accepts an offer

STATE : Seller is logged in and finds the list of pending requests from the buyers and the offered prices.

SAMPLE INPUT : The seller finds the pending request from the buyer6 and clicks on accept offer button and enters the accepted final price as 11/-.

EXPECTED OUTPUT : Acceptance of offer is recorded.

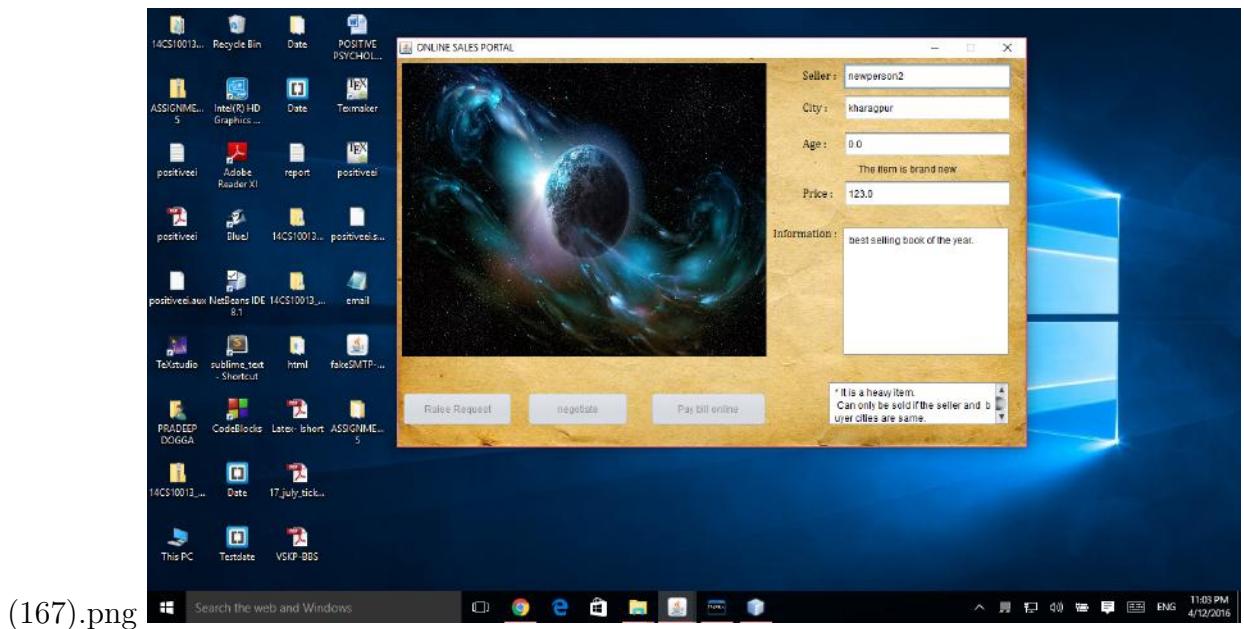
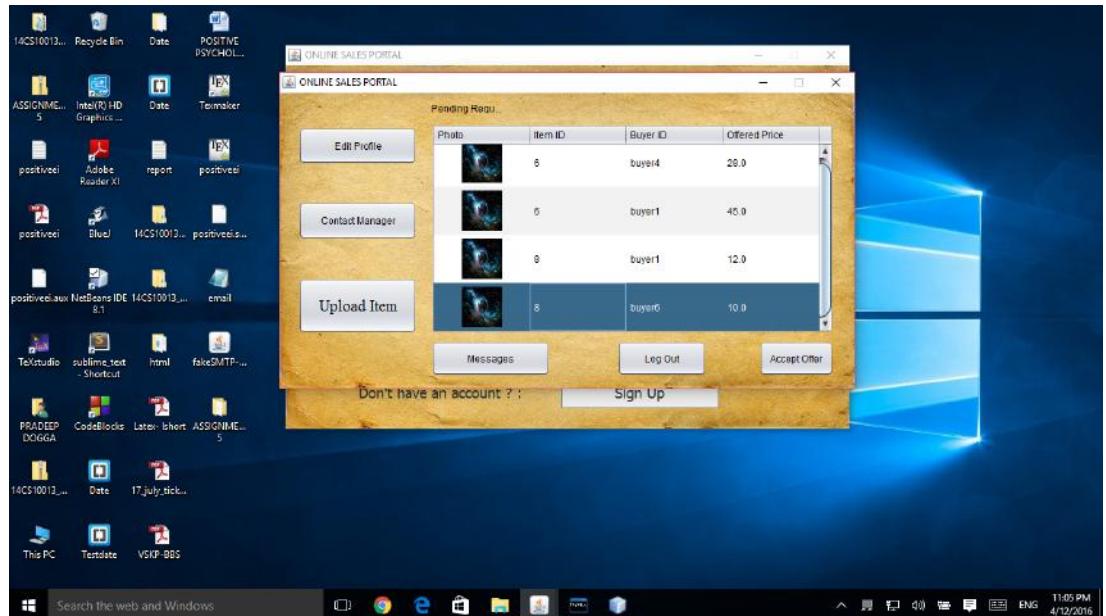


Figure 19: Negotiation message window.

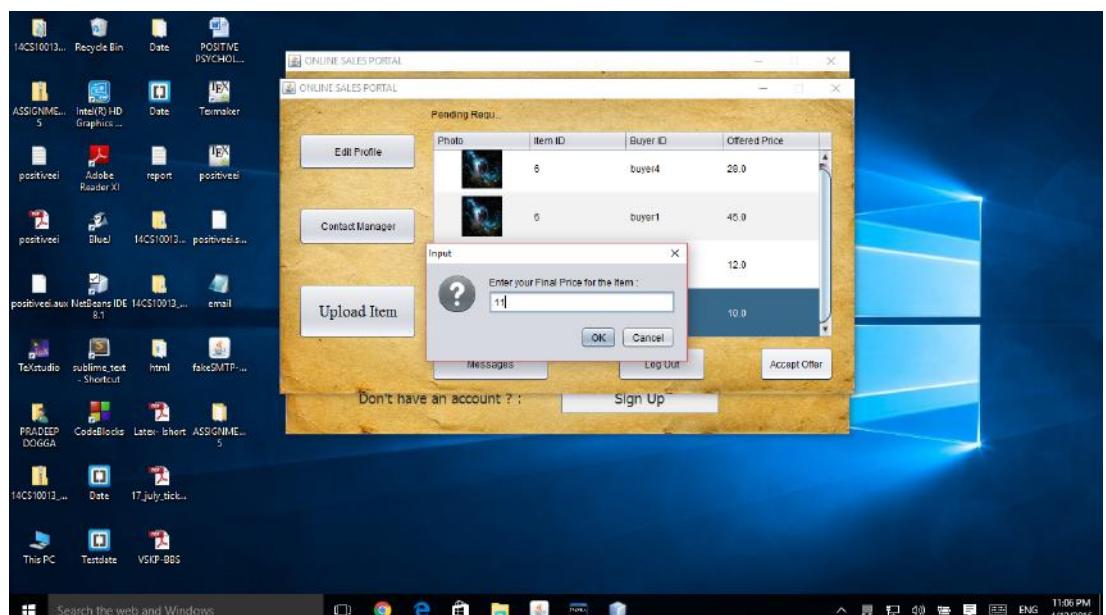
ACTUAL OUTPUT : "Offer Acceptance Recorded."

TEST RESULT : PASSED.



(173).png

Figure 20: Choosing a request



(177).png

Figure 21: Setting Accepted price.

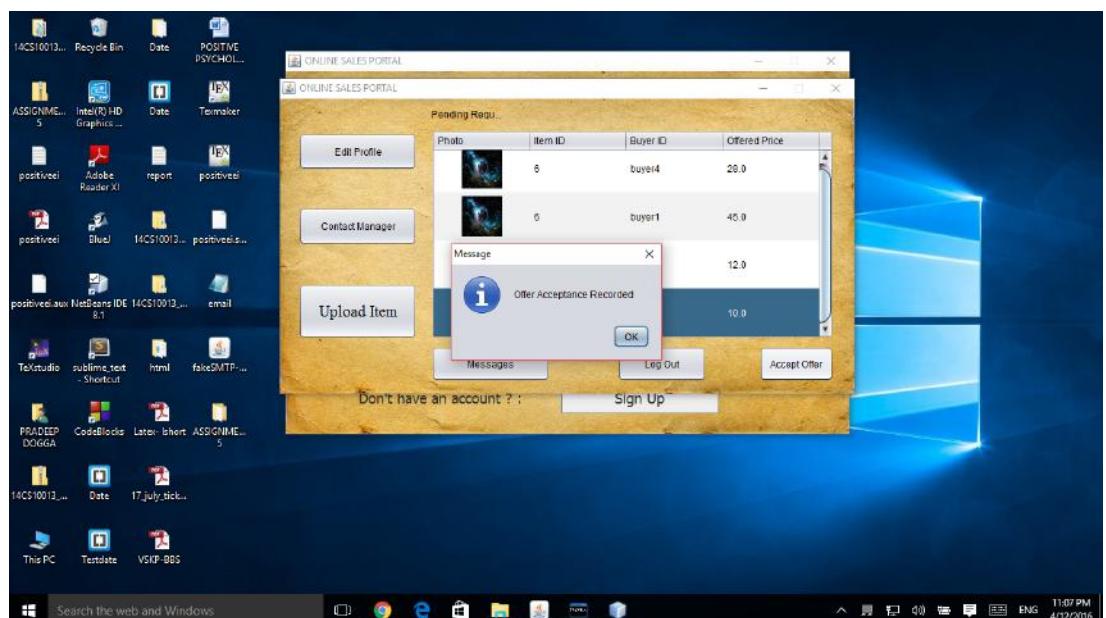


Figure 22: Successful Acceptance

2.1.10 Manager manages buyers and sellers

STATE : The manager is logged in and has clicked the manage customers button.

SAMPLE INPUT : The manager resets the password of "buyer4".

EXPECTED OUTPUT : A new system generated password is returned.

ACTUAL OUTPUT : "The new password is : 4219483" - message is shown.

TEST RESULT - PASSED.

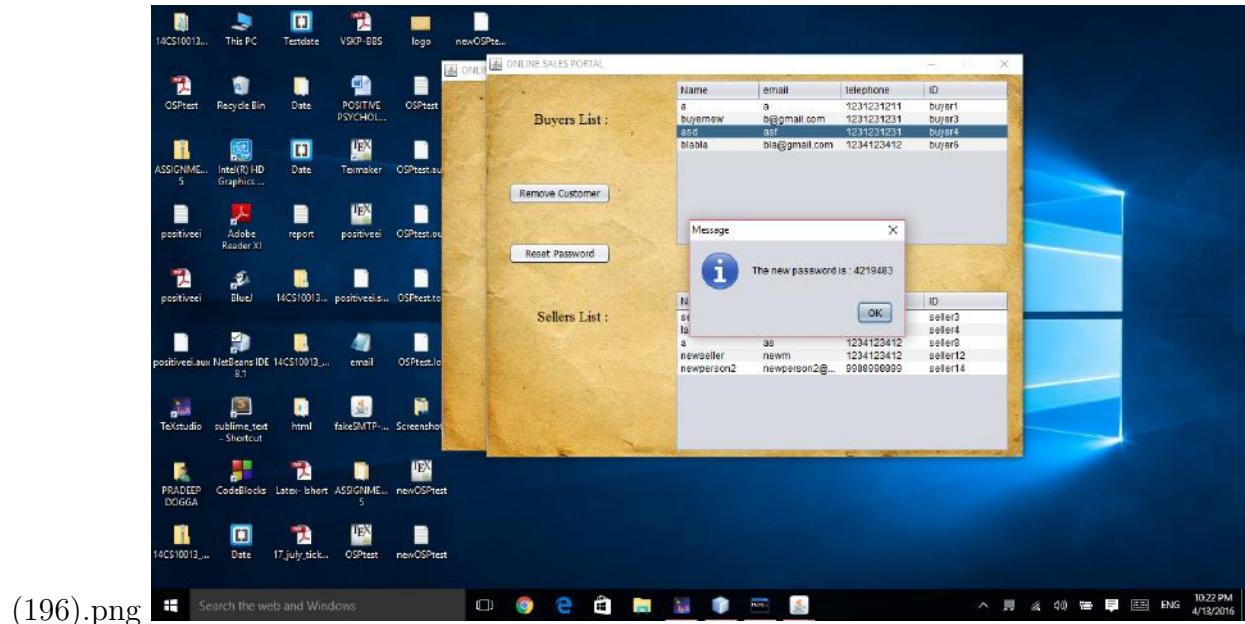


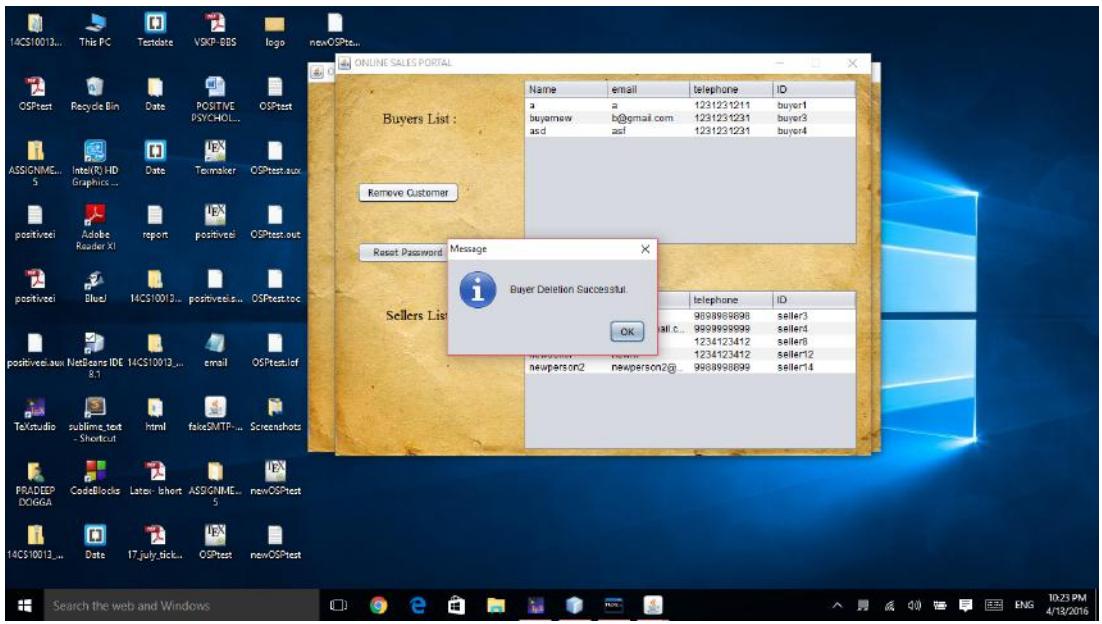
Figure 23: Reset Password of customer.

2. SAMPLE INPUT : The manager removes "buyer6"

EXPECTED OUTPUT : buyer6 is removed from the portal.

ACTUAL OUTPUT : "Buyer Deletion Successful"- message is shown and the buyer6 is removed from the portal.

TEST RESULT - PASSED.



(197).png

Figure 24: Reset Password of customer.

2.1.11 Manager removes a category

STATE : The manager is logged in and finds the categories in a drop down box.

SAMPLE INPUT : The manager selects a category "electrical" from the drop down box and clicks on the remove selected category button.

EXPECTED OUTPUT : The category is removed.

ACTUAL OUTPUT : The selected category is removed from the category drop down box.

TEST RESULT - PASSED.

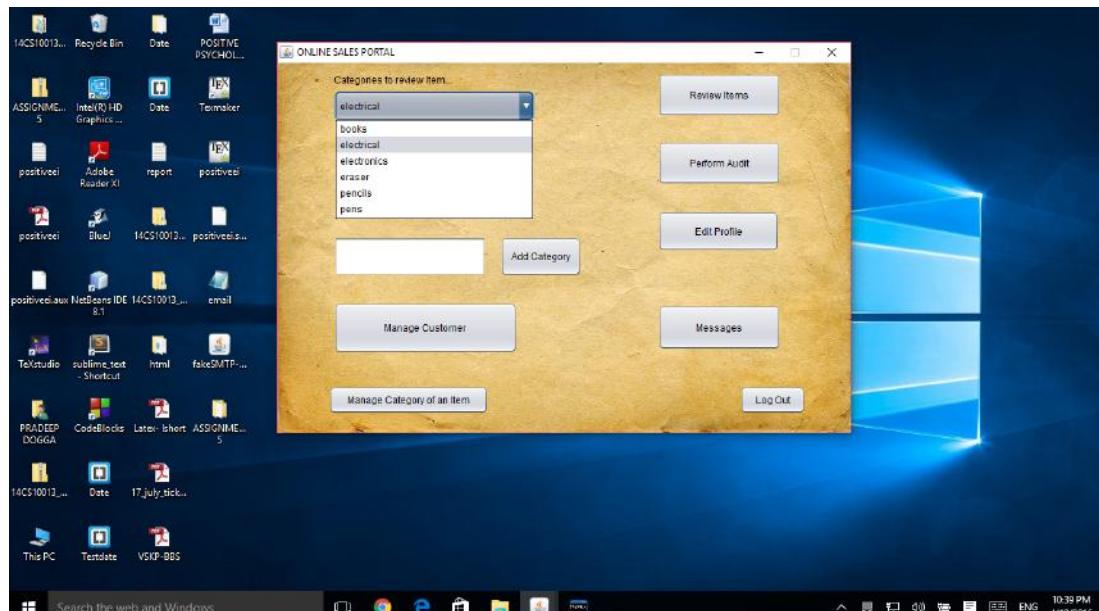


Figure 25: Choosing a Category

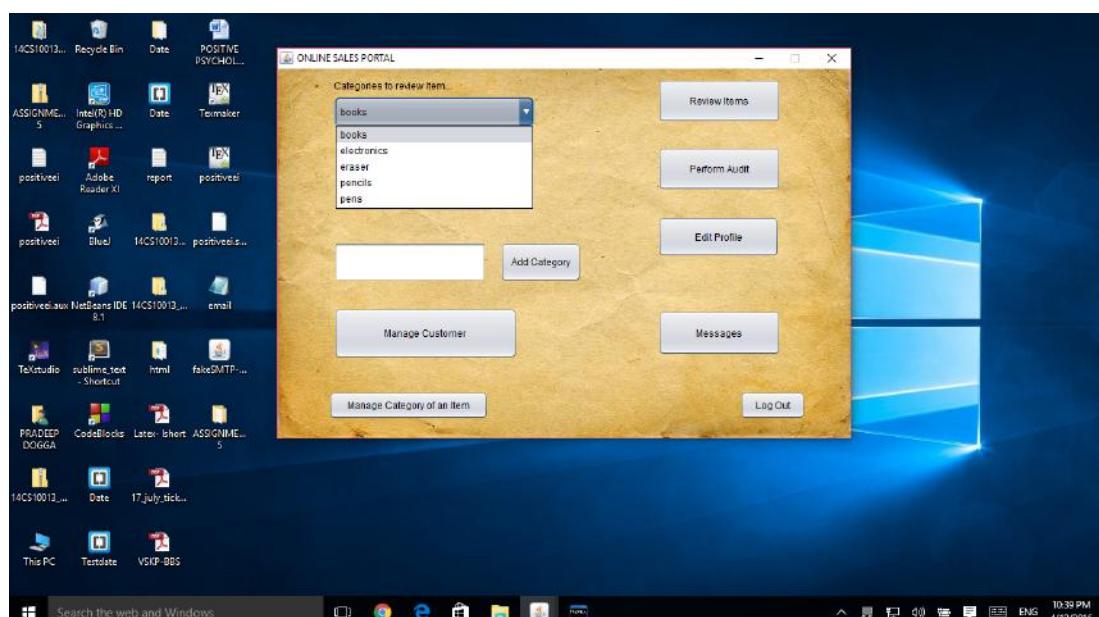


Figure 26: Selected category removed

2.1.12 Manager adds a category

STATE : The manager is logged in.

SAMPLE INPUT : The manager enters the category to be added - "testcategory" in the text field and clicks on the add category button.

EXPECTED OUTPUT : Category is added to the list.

ACTUAL OUTPUT : Category is added to the category list in the database and is also shown in the drop down list.

TEST RESULT - PASSED.

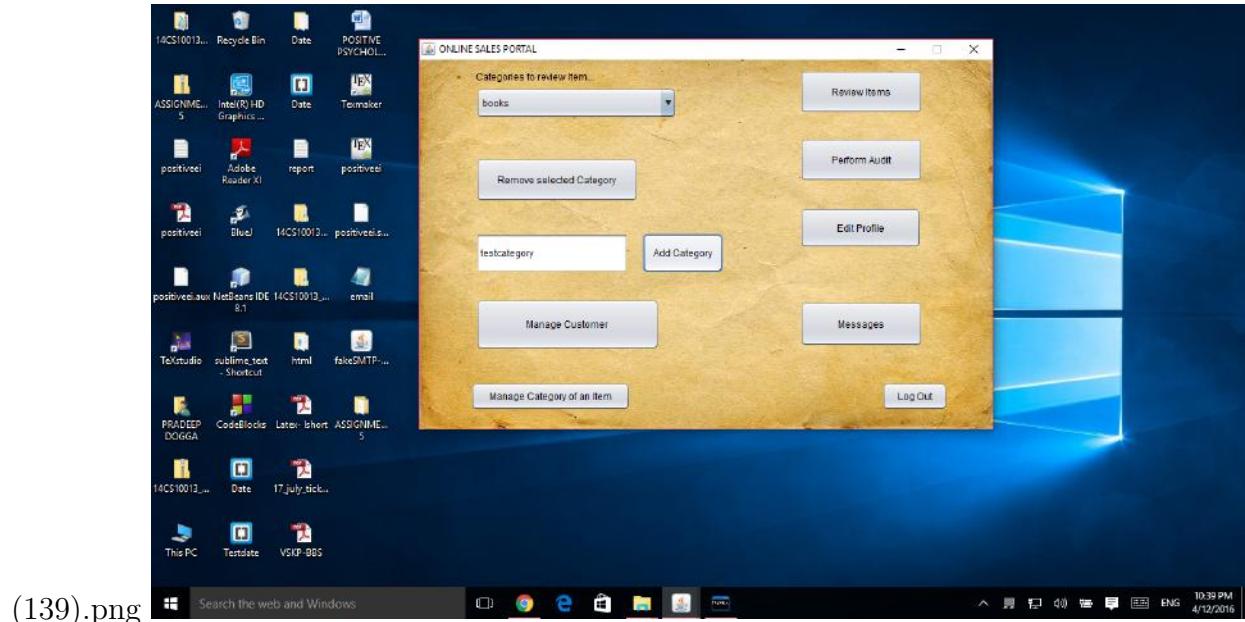
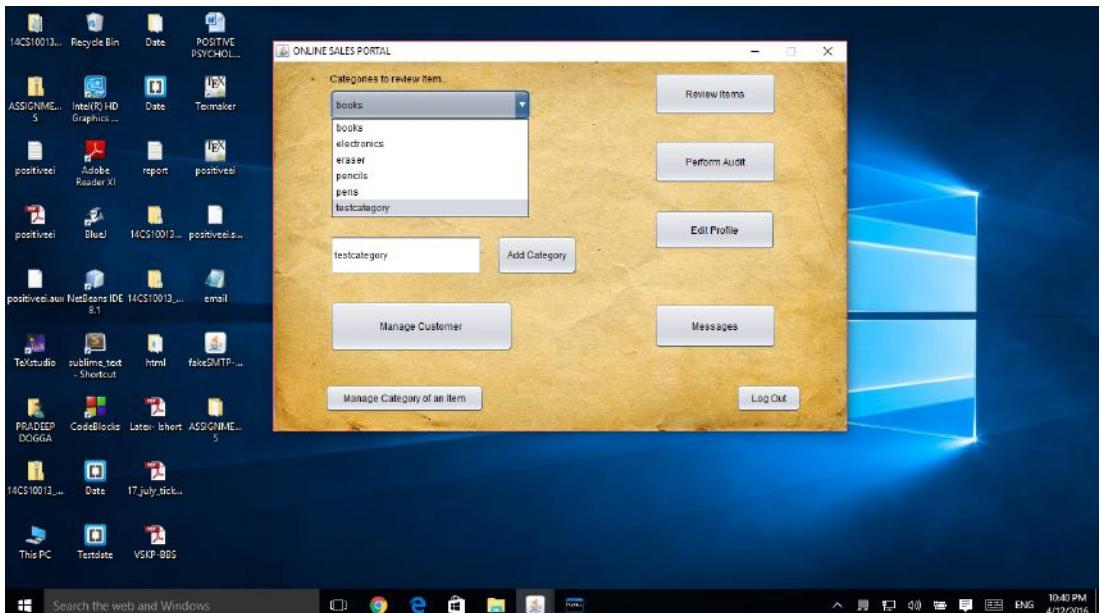


Figure 27: Entering a category



(140).png

Figure 28: Category added

2.1.13 Manager changes the category of an item

STATE : The manager is logged in.

SAMPLE INPUT : The manager clicks on manage category of an item and chooses an item by clicking on an item in the list of items and chooses a category from the drop down box and clicks on change category button.

EXPECTED OUTPUT : The category of the item is changed.

ACTUAL OUTPUT : The category of the item is changed and can be noticed in the list of items.

TEST RESULT - PASSED .

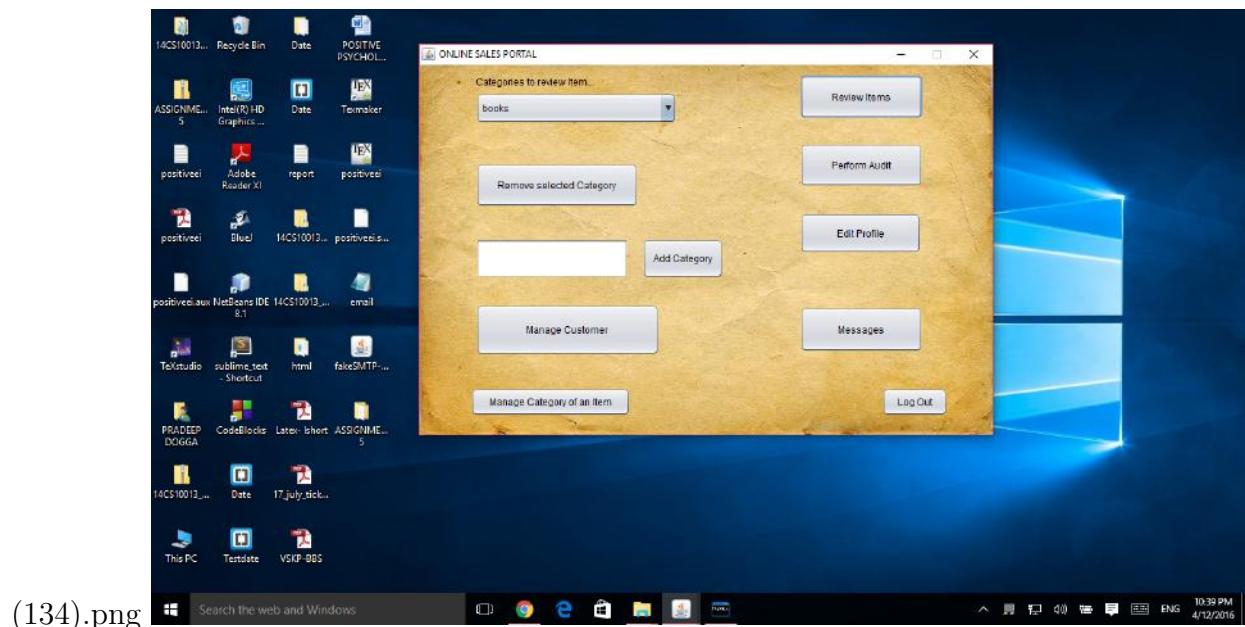


Figure 29: Manage Category of an item button

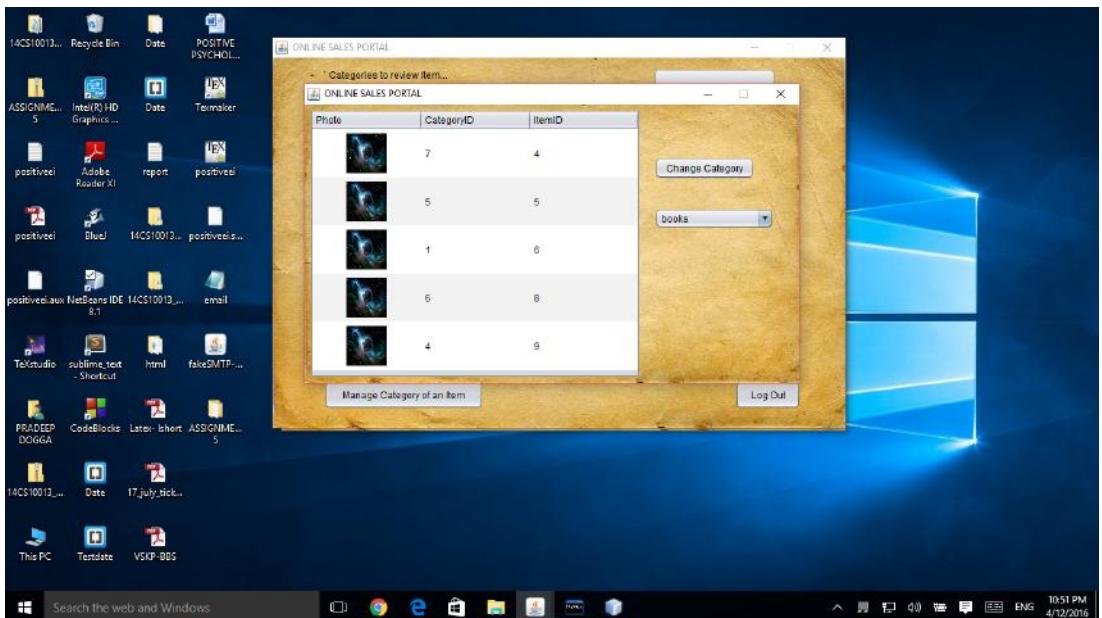


Figure 30: List of items to change the categories

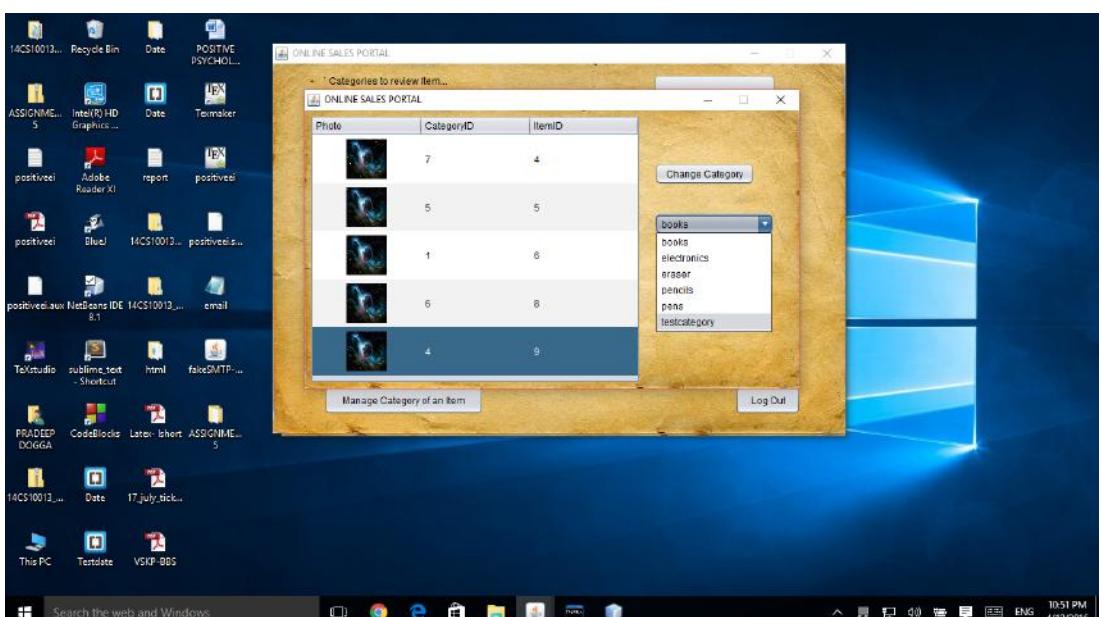
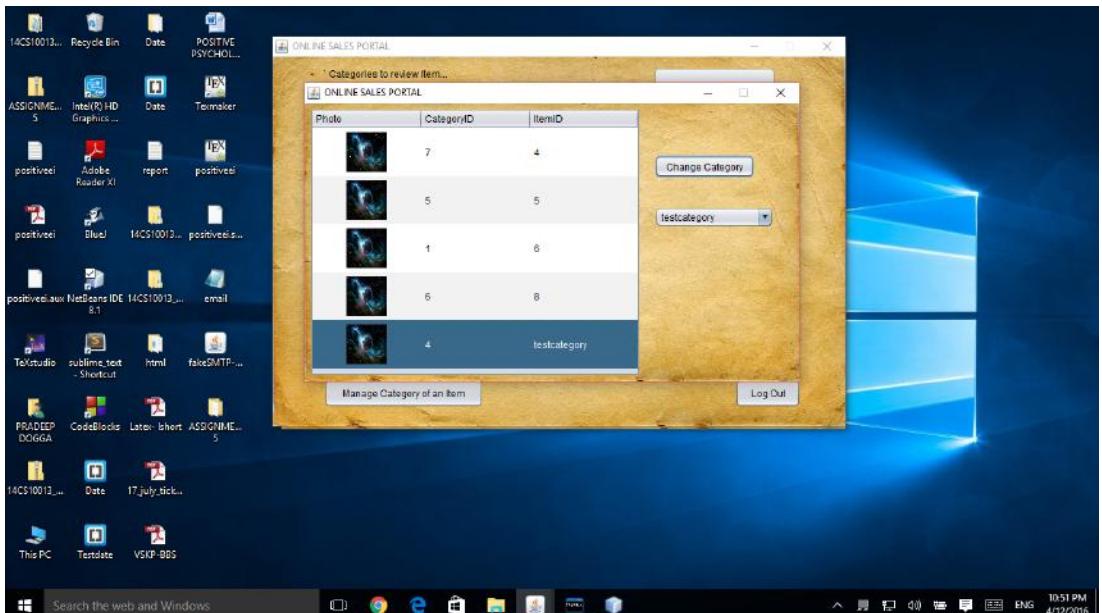


Figure 31: Choosing an item and a new category



(155).png

Figure 32: Category changed for item

2.1.14 Manager reviews an item

STATE : Manager is logged in and selects a category and clicks on review items button.
SAMPLE INPUT 1: He selects an item with id 9 and chooses an option good and clicks on submit button. He selects good for an item.

EXPECTED OUTPUT : The item is reviewed and is removed from the table of items to be reviewed.

ACTUAL OUTPUT : The item is removed form table and remains the database as it is of good quality.

TEST RESULT - PASSED.

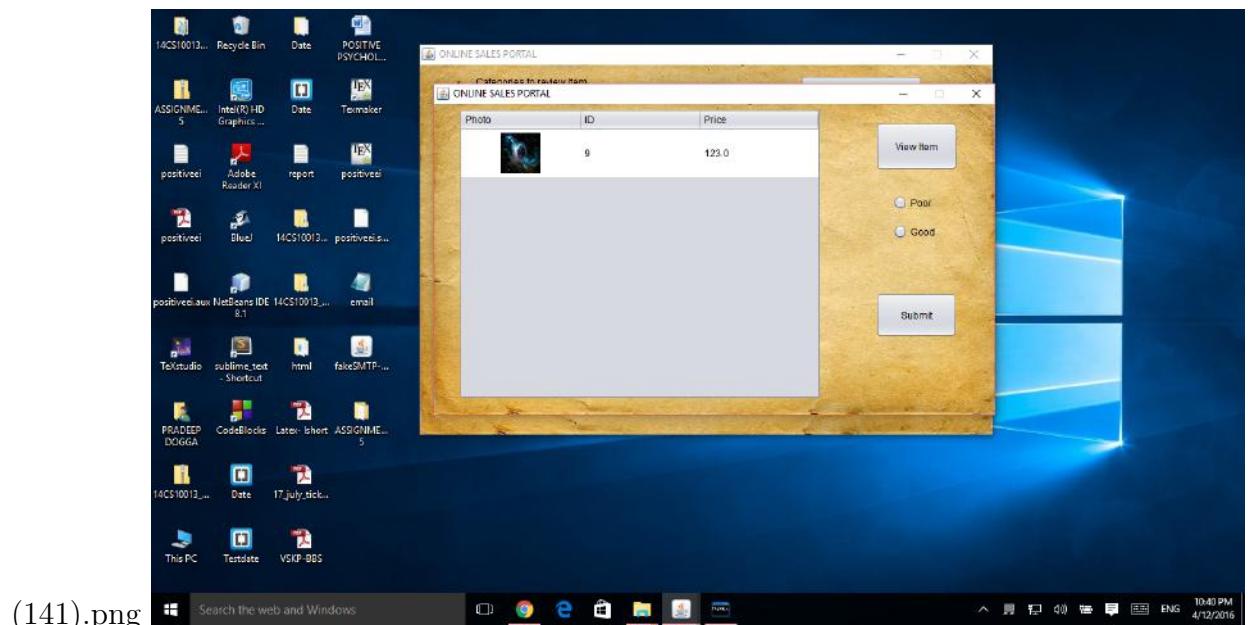


Figure 33: Choosing an item to review it

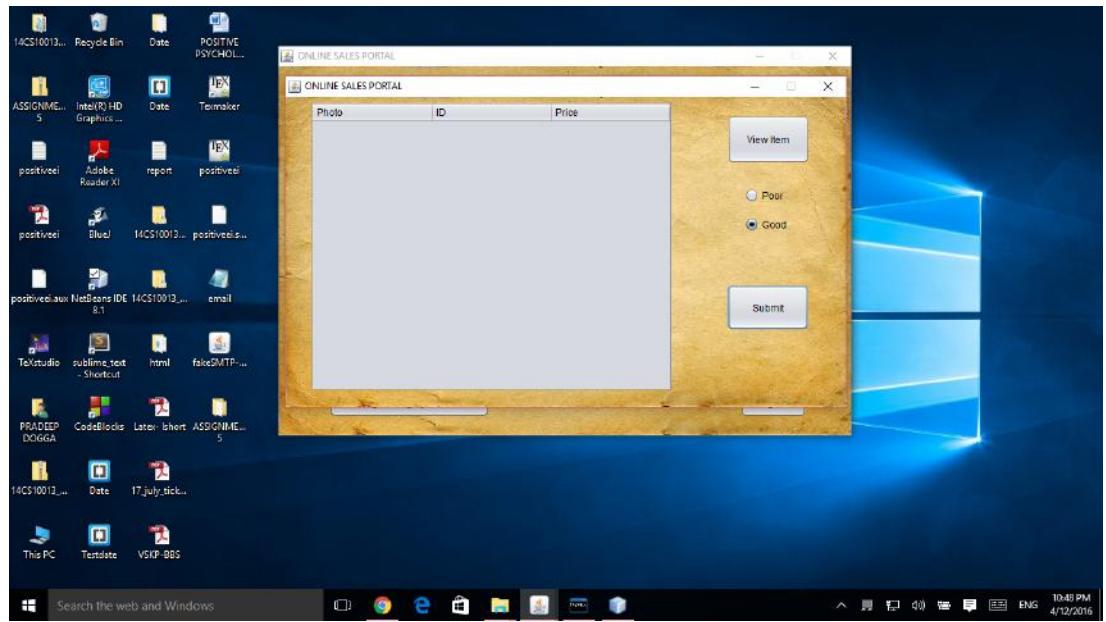


Figure 34: Reviewed as good quality

SAMPLE INPUT 2: He selects an item with id 9 and chooses an option poor and clicks on submit button. He selects poor for an item.

EXPECTED OUTPUT : The item is reviewed and is removed from the table of items to be reviewed.

ACTUAL OUTPUT : The item is removed form table and removed from the database as it is of poor quality.

TEST RESULT - PASSED. -----=

2.1.15 Manager helps negotiations

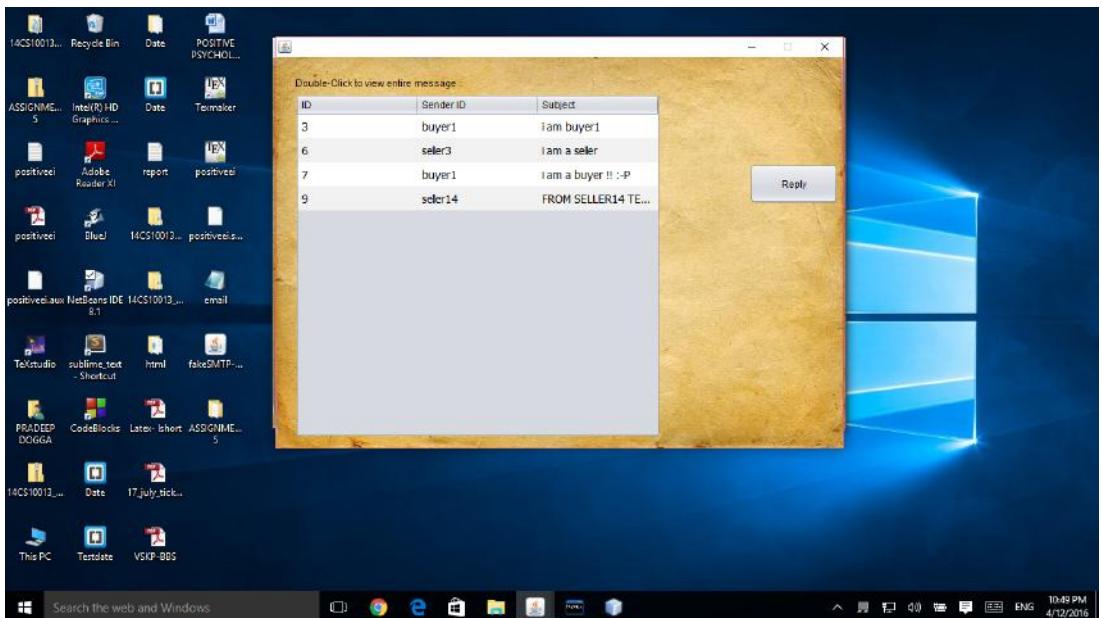
STATE : The manager is logged in and clicks on messages button.

SAMPLE INPUT : The manager chooses one of the messages from seller14 and double clicks on it to view it and clicks on the reply button to reply to the message of seller14 to help possible negotiations with subject - "MANAGER TO SELLER14" and message - "THIS IS TEST MESSAGE FROM MANAGER." and clicks on send button.

EXPECTED OUTPUT : The message from seller14 is displayed and the reply to seller14 is sent.

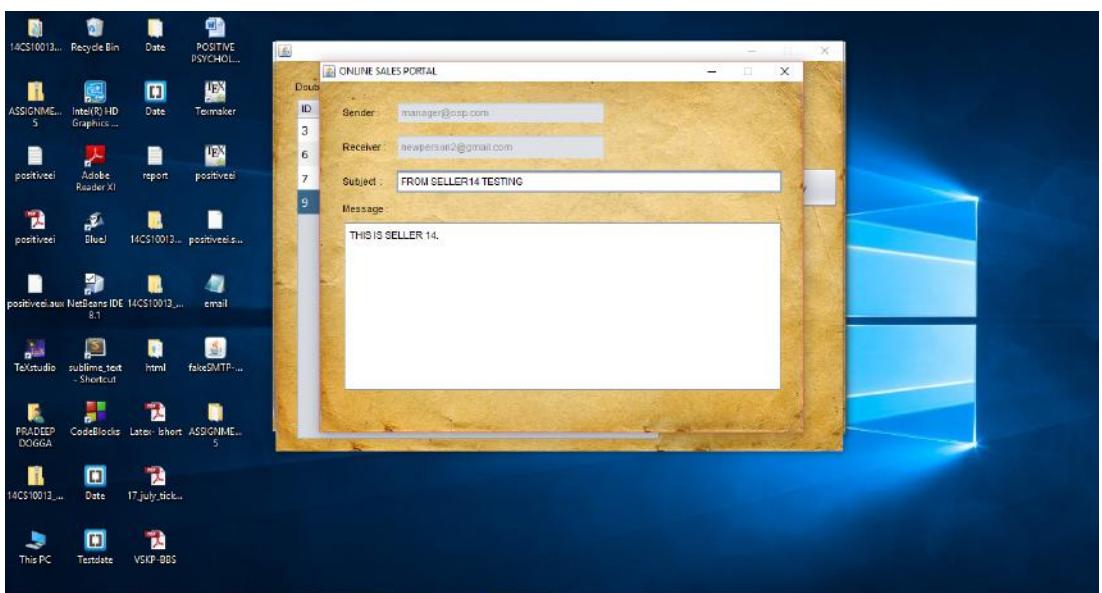
ACTUAL OUTPUT : The message is displayed and "message successfully sent" - message is displayed after clicking the send button in reply.

TEST RESULT - PASSED .



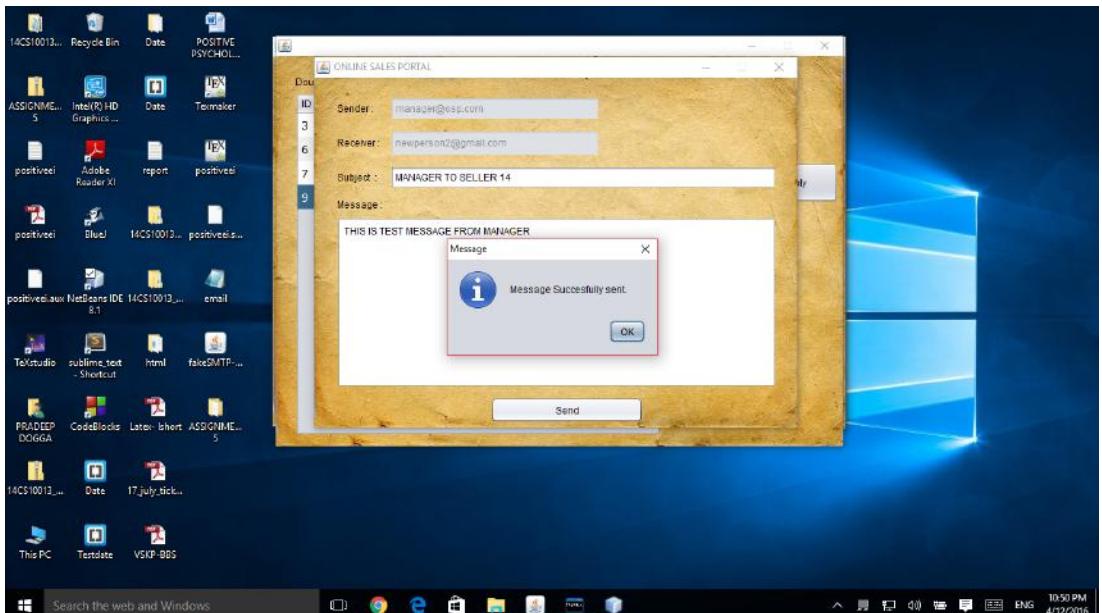
(150).png

Figure 35: Choosing a message



(151).png

Figure 36: Viewing the message



(152).png

Figure 37: Reply sent

2.1.16 Manager performs audit of matched buy-sell of items

STATE : The manager is logged in.

SAMPLE INPUT : The manager clicks on perform audit button.

EXPECTED OUTPUT : The number of items that are sold, bought and not yet sold are displayed.

ACTUAL OUTPUT : The number of items sold = 0 , bought = 0 and not yet sold = 5 are displayed in a dialog box.

TEST RESULT - PASSED.

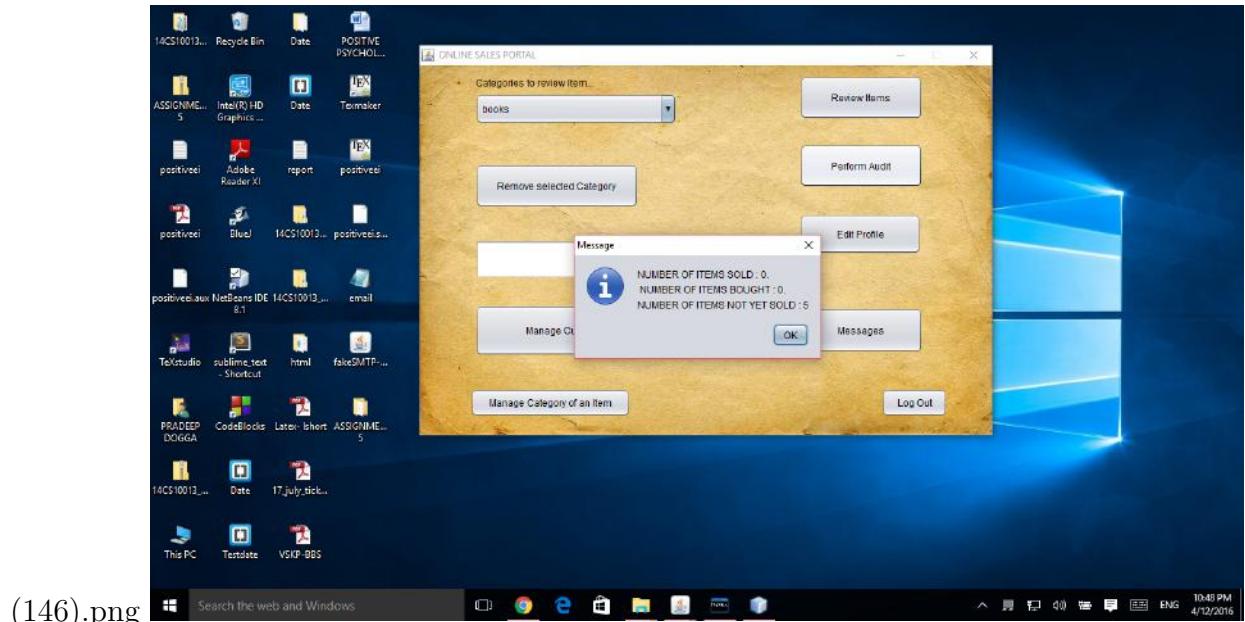


Figure 38: Viewing the message

2.2 White-Box Testing

Characteristics

- White box testing (also known as clear box testing, glass box testing, transparent box testing, and structural testing) is a method of testing software that tests internal structures or workings of an application, as opposed to its functionality (i.e. black box testing).
- In white box testing an internal perspective of the system, as well as programming skills, are used to design test cases.
- The tester chooses inputs to exercise paths through the code and determine the appropriate outputs. This is analogous to testing nodes in a circuit, e.g. In Circuit Testing (ICT).
- White box testing can be applied at different level namely unit, integration and system levels of the software testing process.

2.2.1 Registration

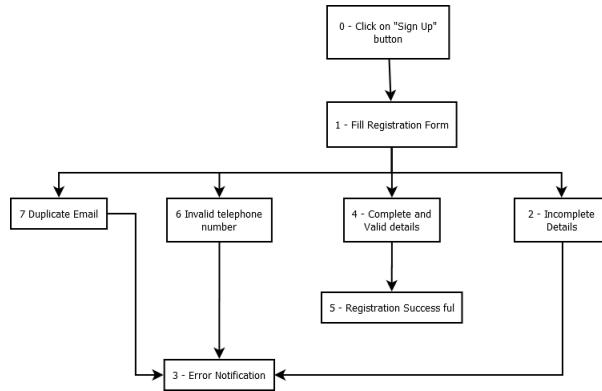


Figure 39: CFG For Customer Registration

TEST CASES :

1. 0-1-2-3 If the customer wants to get registered as a seller or buyer and enters incomplete details :

SAMPLE INPUT : All the fields are left blank and clicked on submit button.

EXPECTED OUTPUT : Not allowed to get registered.

ACTUAL OUTPUT : Invalid message is displayed for fields which are left empty (some are shown only after the others are filled.) and a message is shown - "Select a customer type." and not allowed to register.

TEST RESULT - PASSED.

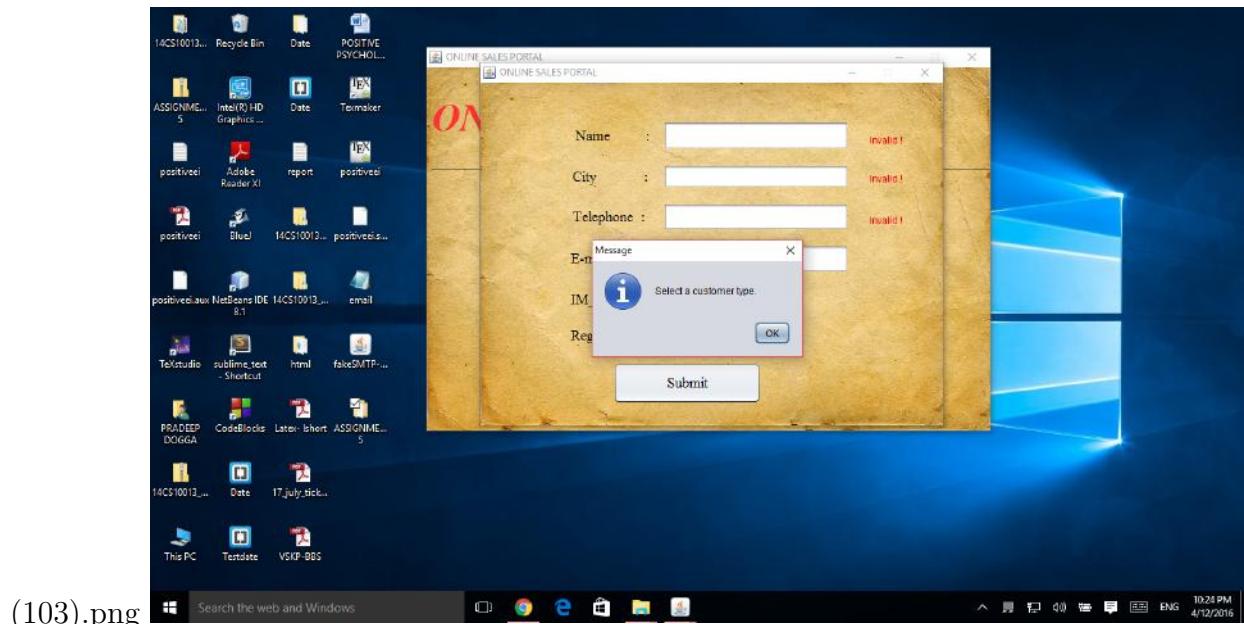


Figure 40: Blank form submission

2.0-1-6-3 If the customer enters invalid telephone number (The telephone number should

be 10 digit number with the first digit not equal to 0.)

SAMPLE INPUT : asdf

EXPECTED OUTPUT : Not allowed to get registered.

ACTUAL OUTPUT : "Invalid" - message is displayed near the telephone field and not allowed to register.

TEST RESULT - PASSED.

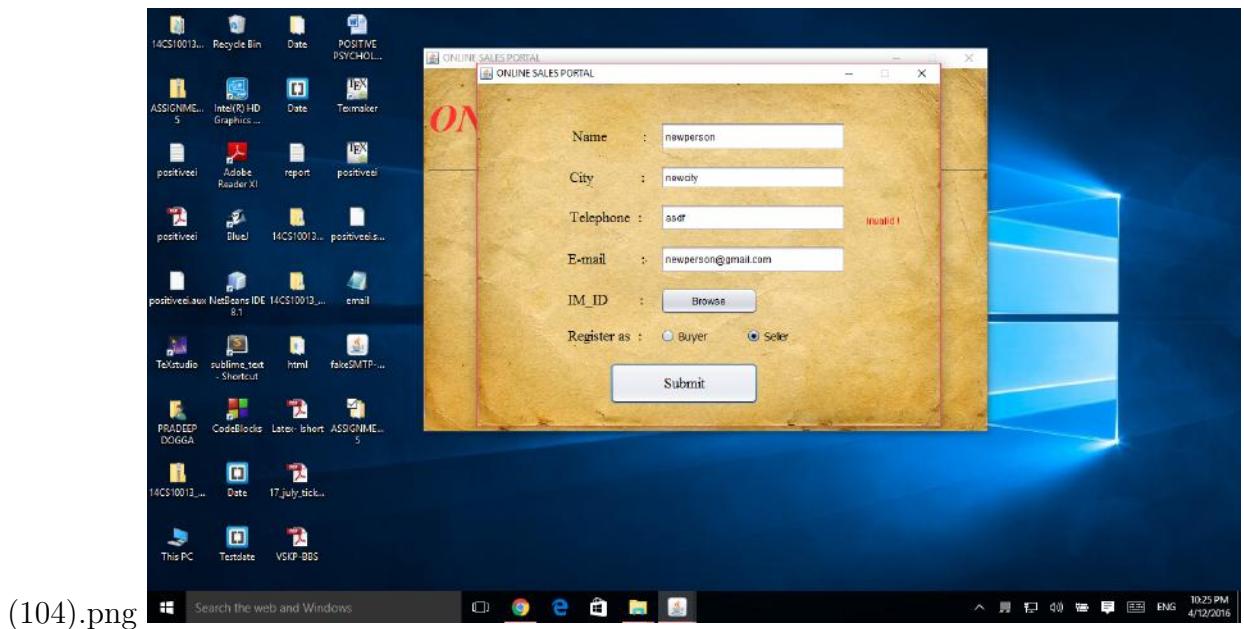


Figure 41: Invalid telephone number

3.0-1-2-3 If the customer does not choose a customer type to be registered.

SAMPLE INPUT : Not choosing a customer type and clicking the submit button.

EXPECTED OUTPUT : Not allowed to get registered.

ACTUAL OUTPUT : "Select a customer type." - message is displayed and not allowed to register.

TEST RESULT - PASSED.

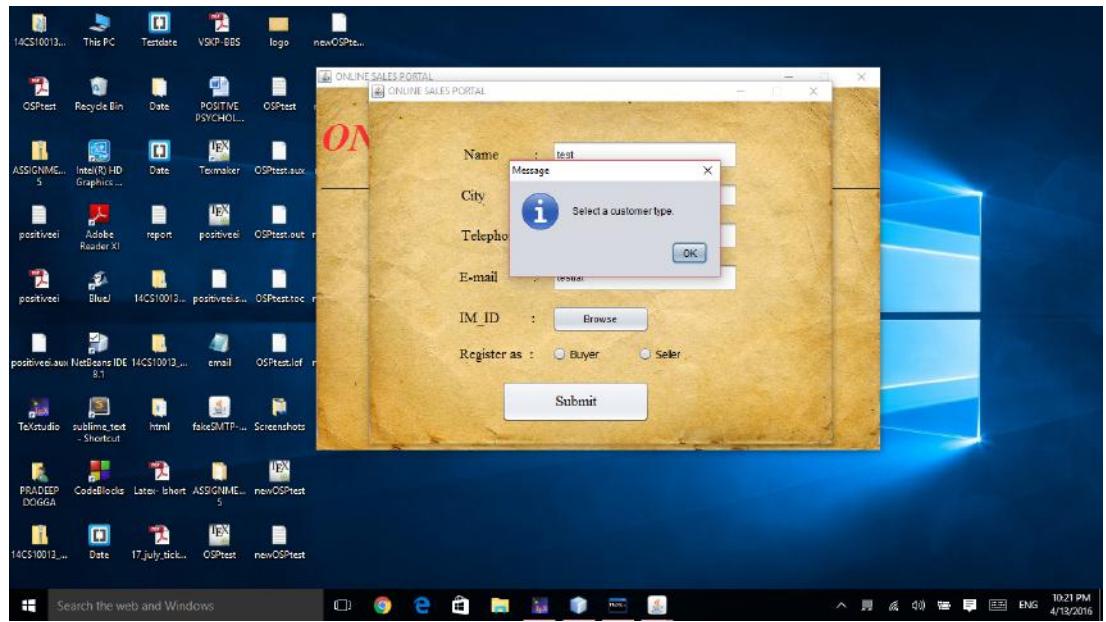


Figure 42: Customer Type not chosen

4. 0-1-7-3 If the customer enters an email with which another person is already registered to the OSP.

SAMPLE INPUT : latest@gmail.com

EXPECTED OUTPUT : Error displayed and not allowed to register.

ACTUAL OUTPUT : "A seller with the same email already exists. Updation failed." - message is shown and is not allowed to register.

TEST RESULT - PASSED.

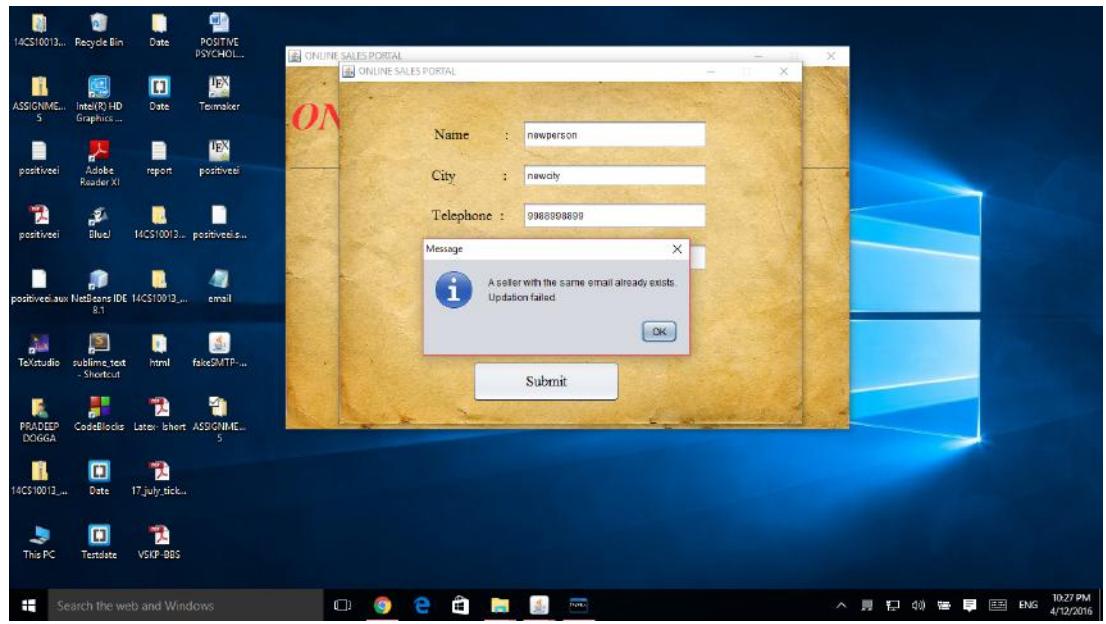


Figure 43: Duplicate email entry

5. 0-1-4-5 All details are valid. This case is already shown in the black box testing.

2.2.2 Login

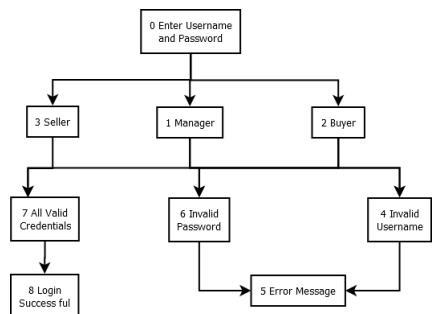


Figure 44: CFG For Customer Login

TEST CASES :

STATE : THE USER IS REGISTERED.

1. 0-3/1/2-4-5 If the user (manager/seller/buyer) enters invalid username.

SAMPLE INPUT :username : asdf and password : asdf.

EXPECTED OUTPUT : Not allowed to login.

ACTUAL OUTPUT : "Invalid Username" - message is displayed beside the username text field.

TEST RESULT - PASSED.

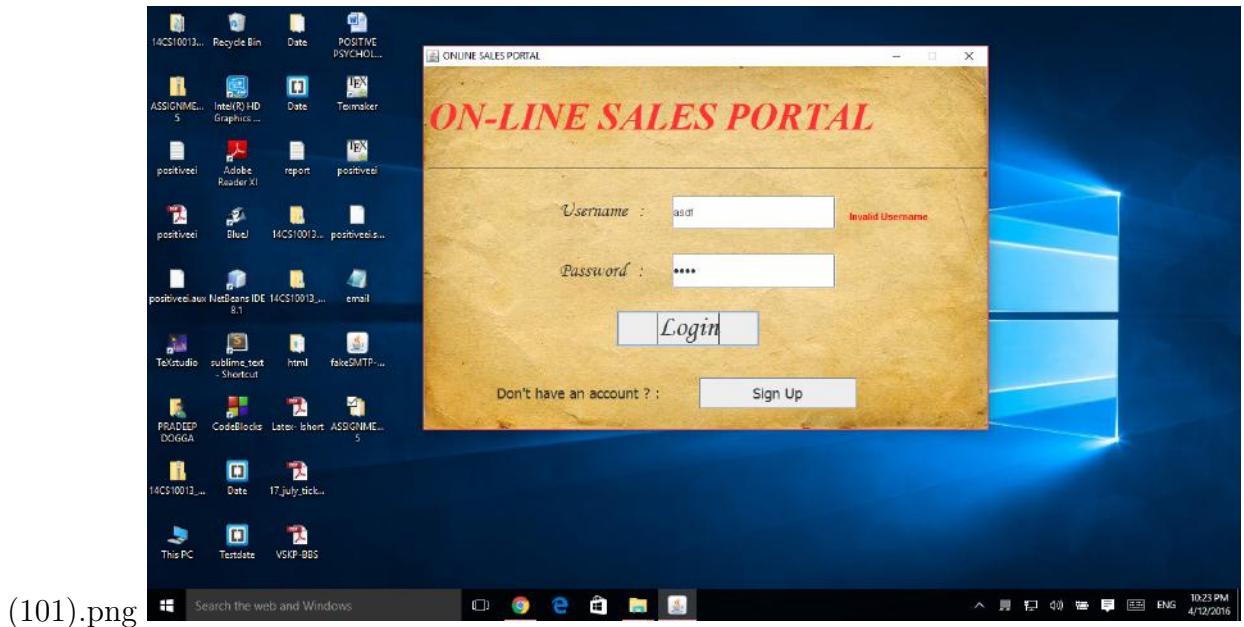


Figure 45: Invalid username for user login

2. 0-2-6-5 If the user is buyer and enters invalid password.

SAMPLE INPUT : username : buyer1 and password : asdf.

EXPECTED OUTPUT : Not allowed to login.

ACTUAL OUTPUT : "Invalid Password" - message is displayed beside the Password field.

TEST RESULT - PASSED.

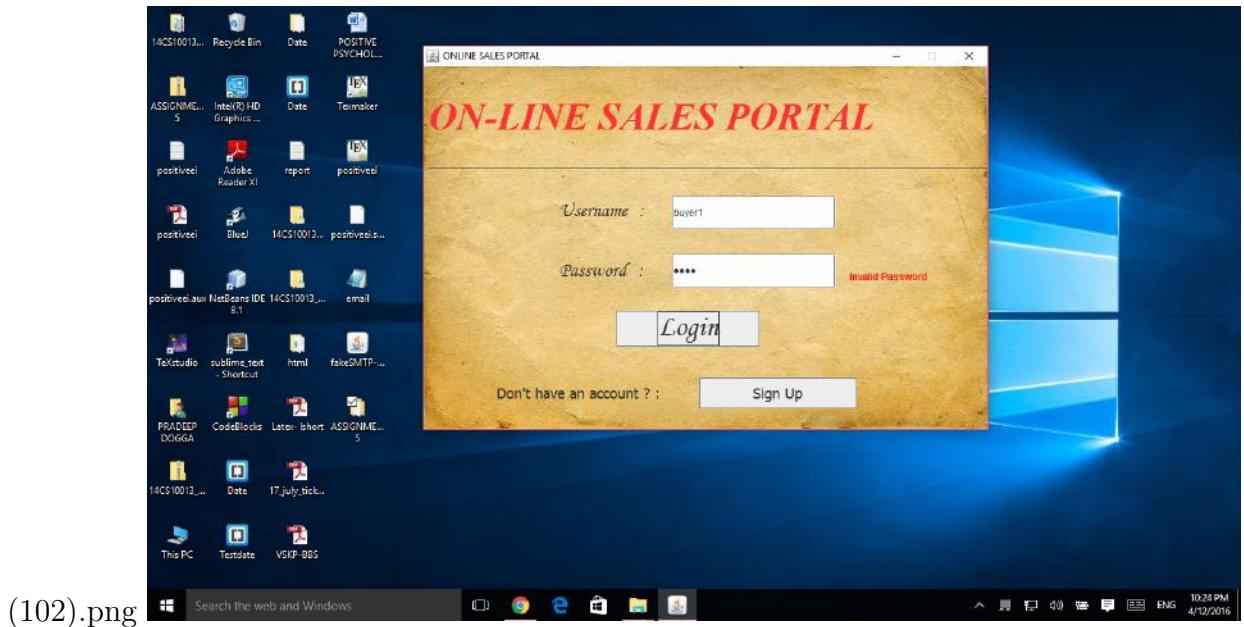


Figure 46: Invalid password for buyer login

3. 0-3-6-5 If the user is seller and enters invalid password.

SAMPLE INPUT : username : seller14 and password : asdfghj.

EXPECTED OUTPUT : Not allowed to login.

ACTUAL OUTPUT : "Invalid Password" - message is displayed beside the Password field.

TEST RESULT - PASSED.

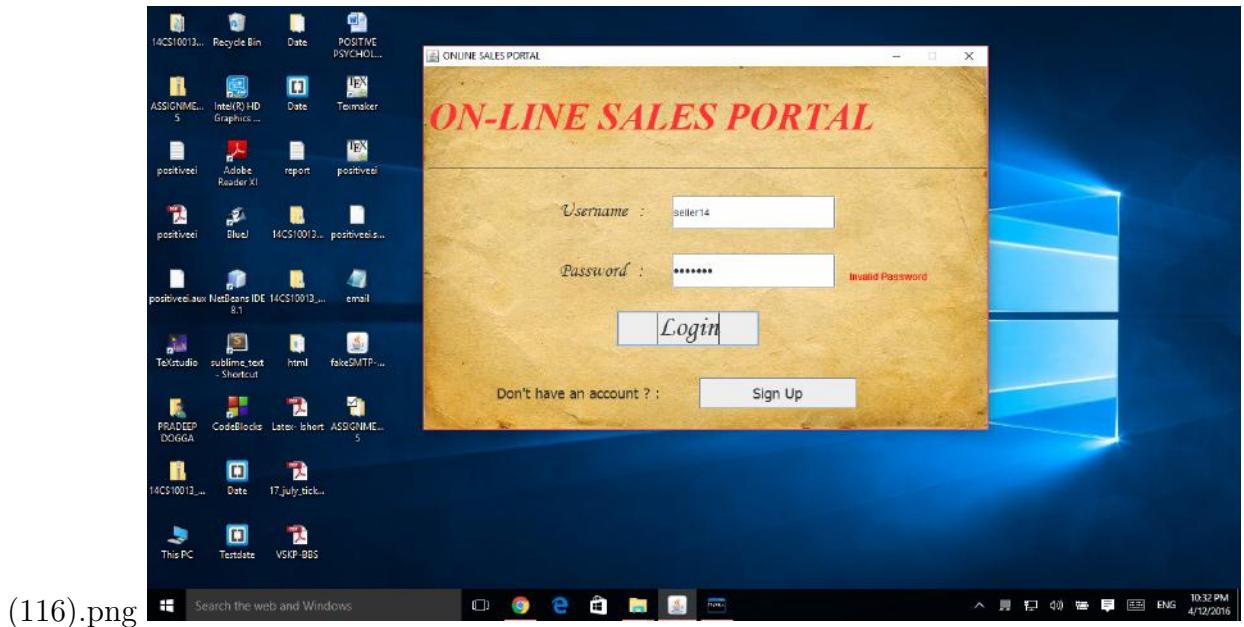


Figure 47: Invalid password for seller login

4. 0-1-6-5 If the user is manager and enters invalid password.

SAMPLE INPUT : username : manager and password : asdf.

EXPECTED OUTPUT : Not allowed to login.

ACTUAL OUTPUT : "Invalid Password" - message is displayed beside the Password field.

TEST RESULT - PASSED.

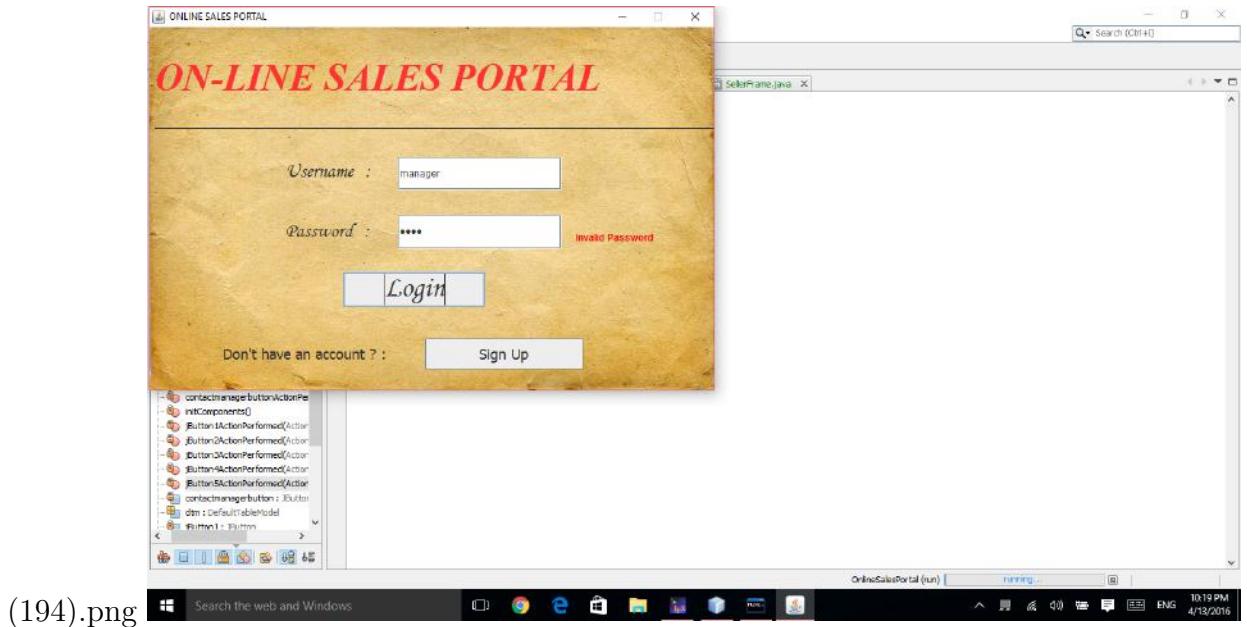


Figure 48: Invalid password for manager login

5. 0-3/1/2-7-8 If the correct username and password is entered by the user (manager / seller / buyer), they get successfully logged in . This case is covered in black box testing.

2.2.3 Item Upload

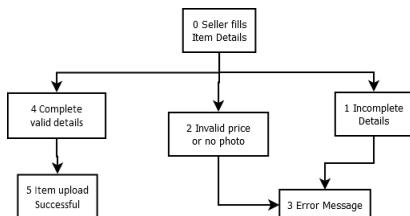


Figure 49: CFG For Item Upload

TEST CASES : STATE : THE SELLER IS LOGGED IN .

1. 0-1-3 If the seller leaves the fields empty.

SAMPLE INPUT : All the fields are left incomplete.

EXPECTED OUTPUT : Item is not allowed to be uploaded.

ACTUAL OUTPUT : "Invalid" - message is shown near fields which are left blank and message showing "No photo selected for item" in a dialog box and the item is not uploaded.

TEST RESULT - PASSED.

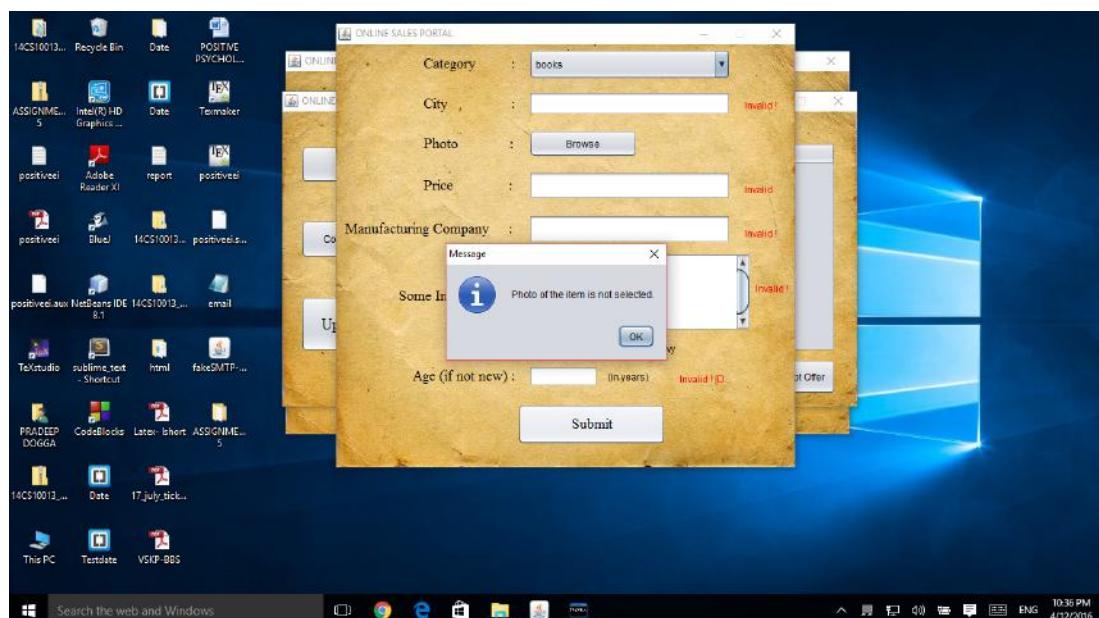


Figure 50: Blank entries for item details

2. 0-2-3 If photo of the item is not selected or the price has invalid entry.

SAMPLE INPUT : All the fields are filled and photo not selected.

EXPECTED OUTPUT : Item is not allowed to be uploaded.

ACTUAL OUTPUT : Message showing "Photo of the item is not selected." in a dialog box (for no photo entry) and "invalid" for price field and the item is not uploaded.

TEST RESULT - PASSED.

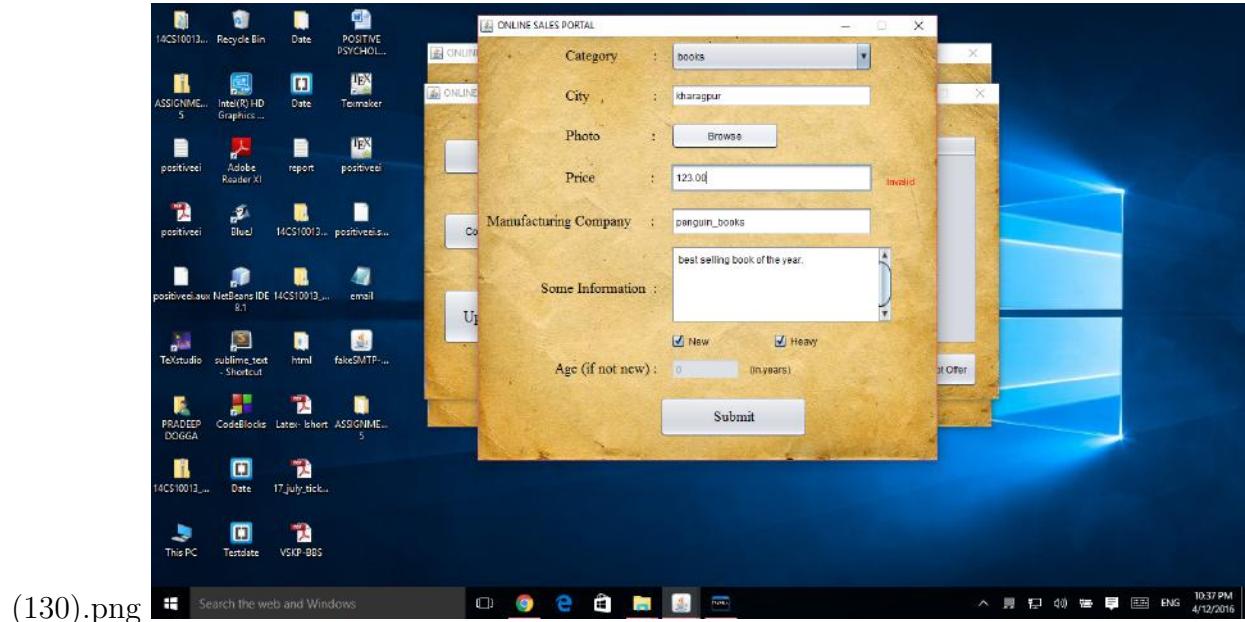


Figure 51: Invalid entry for price

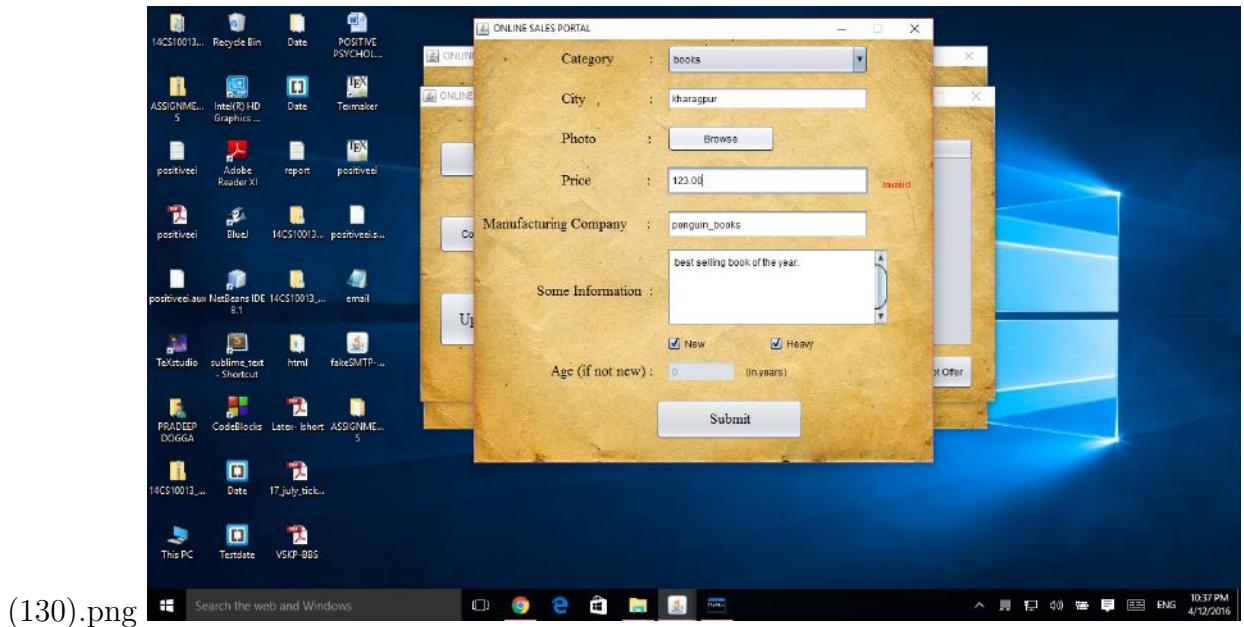


Figure 52: No selection of photo.

3. 0-4-5 All details are properly entered and the item is successfully uploaded. This case is covered in black box testing.

2.2.4 Editing Details of user

TEST CASES : STATE : THE USER IS LOGGED IN . 1. If the customer (seller / buyer) clicks on edit profile button to edit his/her details.

SAMPLE INPUT : One or more fields are empty (if the change and confirm password fields are empty then the old password remains.) ALL fields are empty in this test case.

EXPECTED OUTPUT : Changes are not made and editing unsuccessful.

ACTUAL OUTPUT : "Invalid" - message is shown beside the fields which are left empty and are compulsory(required fields).

TEST RESULT - PASSED.

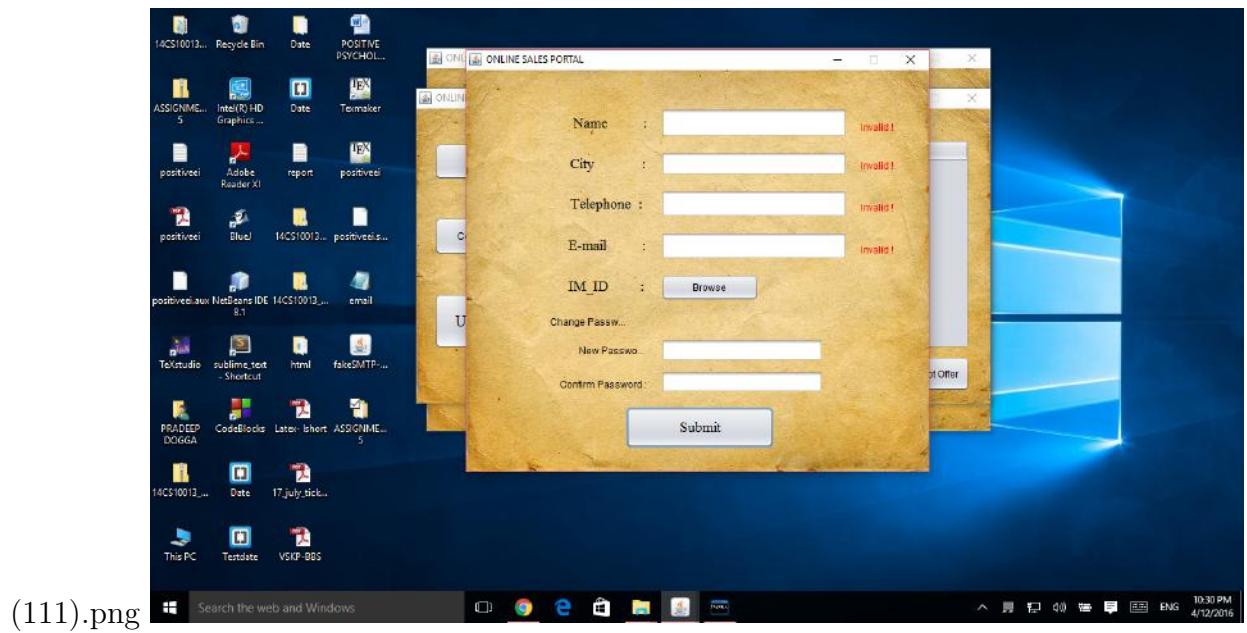


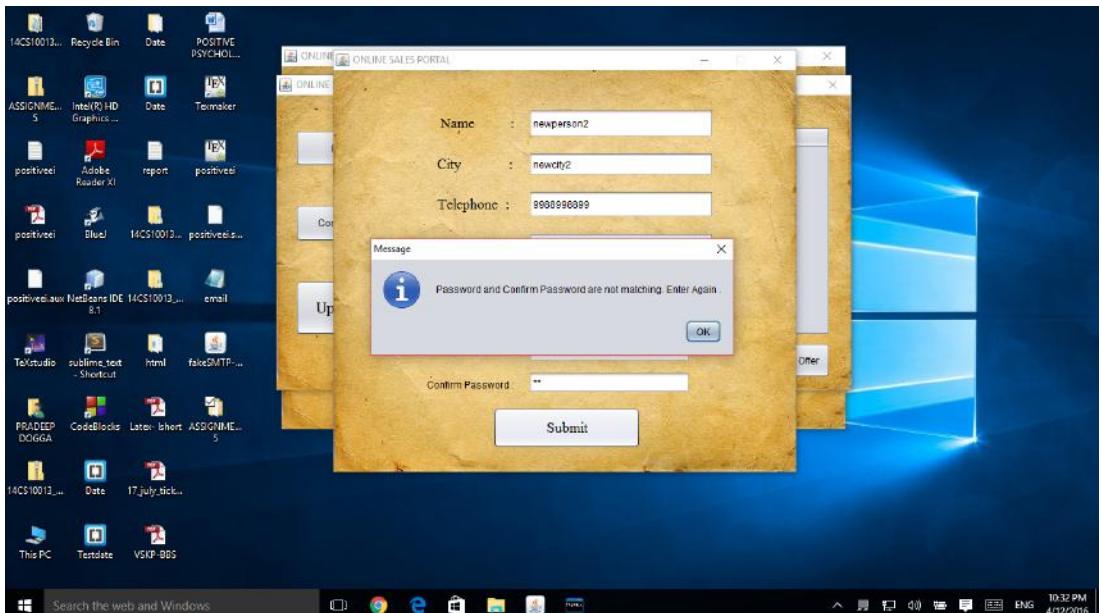
Figure 53: Empty fields in editing profile.

2. If the customer (seller / buyer) clicks on edit profile button to change the password. SAMPLE INPUT : The new password field does not match with the confirm password field (in encrypted form.) New password : test . Confirm password : te.

EXPECTED OUTPUT : Error is reported that fields do not match and password change fails..

ACTUAL OUTPUT : "Password and Confirm Password are not matching. Enter Again" - message is shown and no changes are made to the old password.

TEST RESULT - PASSED.



(113).png

Figure 54: Password fields mismatch.

3. If the customer (seller / buyer) clicks on edit profile button and changes the email address to one which is already existing with another customer (seller / buyer).

SAMPLE INPUT : latest@gmail.com

EXPECTED OUTPUT : Error is reported that the email is duplicate and not allowed to change.

ACTUAL OUTPUT : "A seller with the same email already exists. Updation failed." - message is shown and the email is not changed.

TEST RESULT - PASSED.

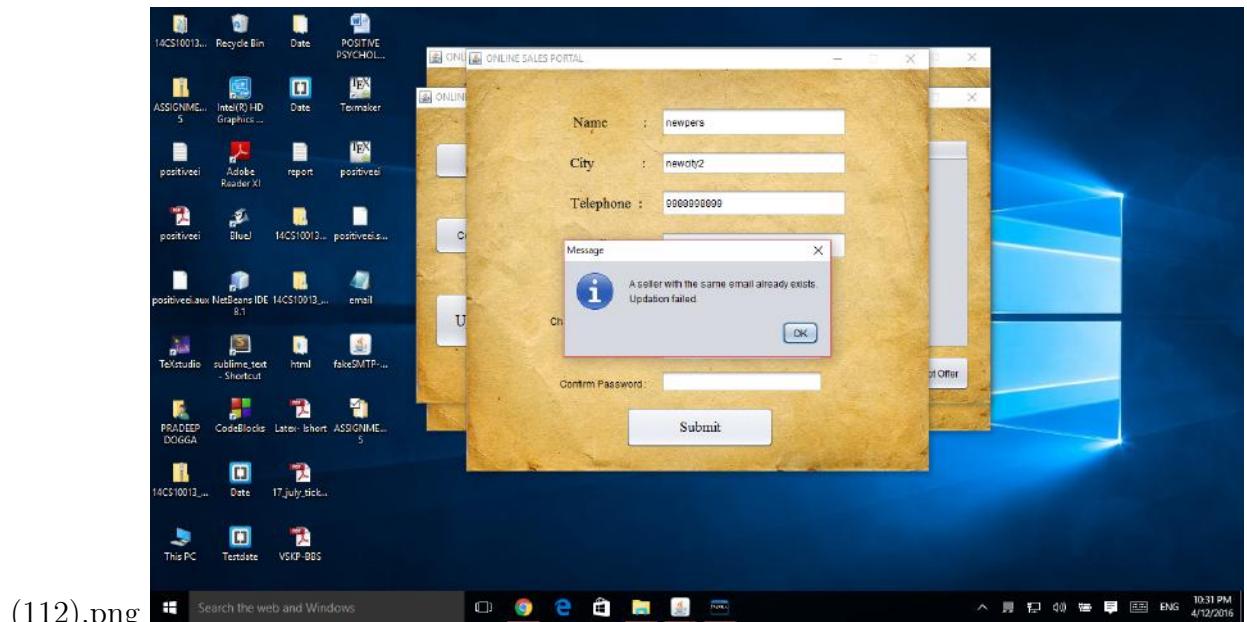


Figure 55: Duplicate email entry.

4. Valid changes are made and the changes are successfully made..

SAMPLE INPUT :

Name : newperson2

City : newcity2

Telephone : 9988998899

Email : latest2@gmail.com

IM ID : not chosen.

no changes to password are intended.

EXPECTED OUTPUT : Changes are successfully made.

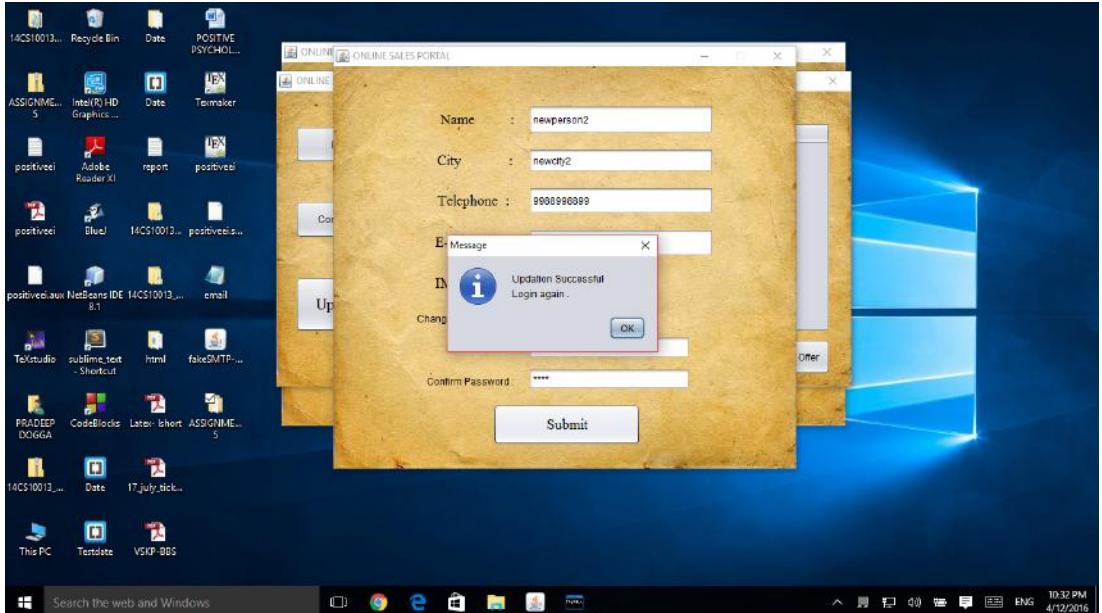
ACTUAL OUTPUT : "Updation Successful. Login Again." - message is displayed and the window is closed and changes are successfully made.

5. Similar errors are shown to manager if invalid inputs are made. If the valid changes are made to the manager profile : SAMPLE INPUT :

Date of Birth : jun 18 1996.

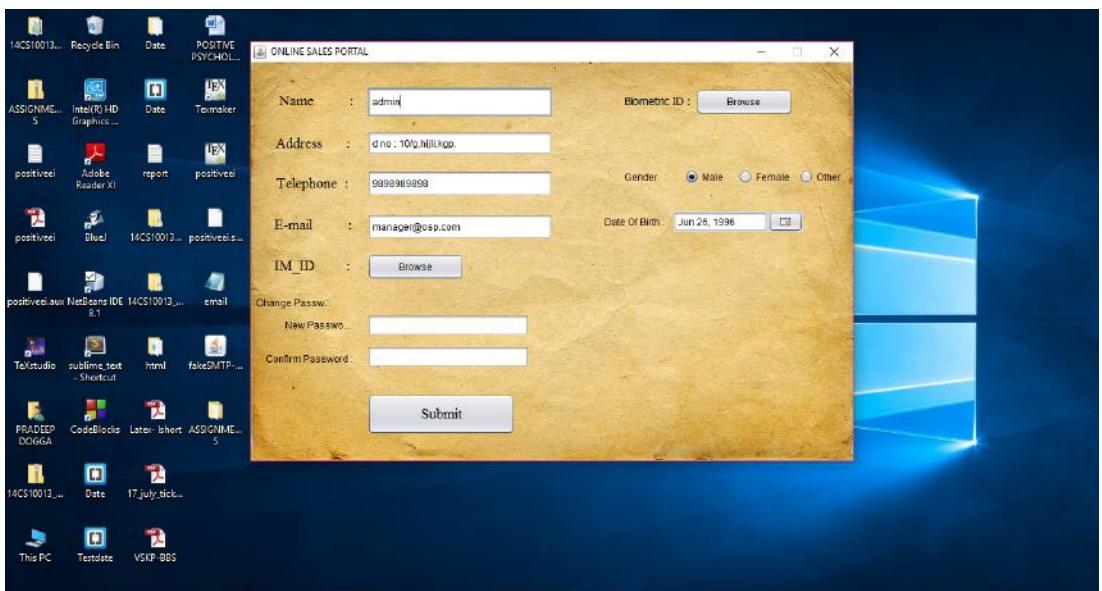
EXPECTED OUTPUT : Changes are successfully made.

ACTUAL OUTPUT : "Updation Successful. Login Again." - message is displayed and the window is closed and changes are successfully made.



(115).png

Figure 56: Successful change of profile.



(147).png

Figure 57: Original profile.

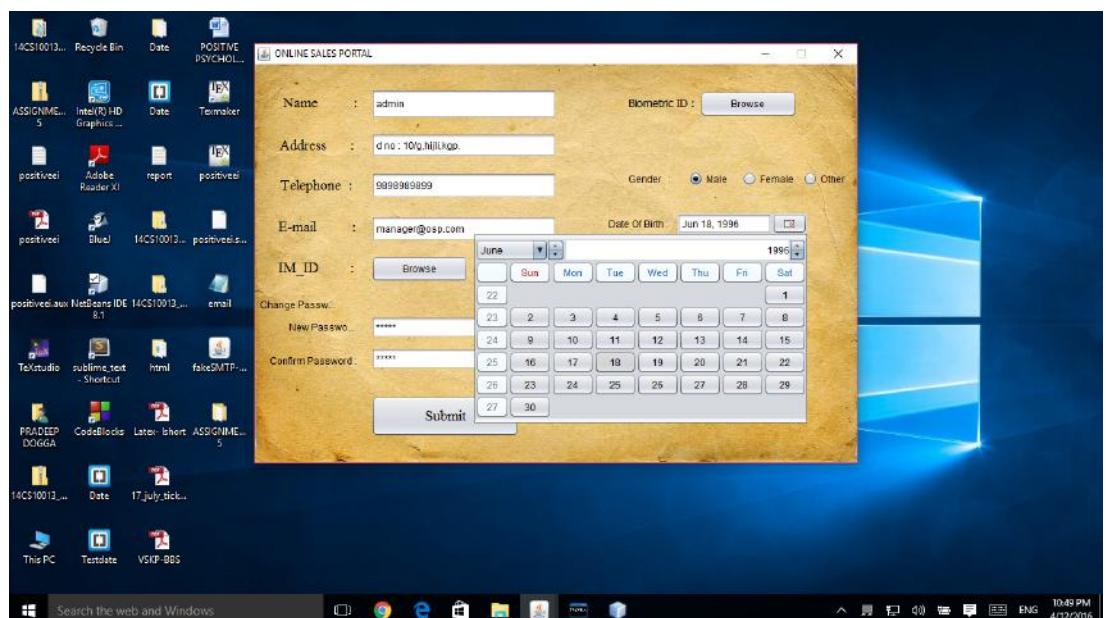


Figure 58: Changing profile

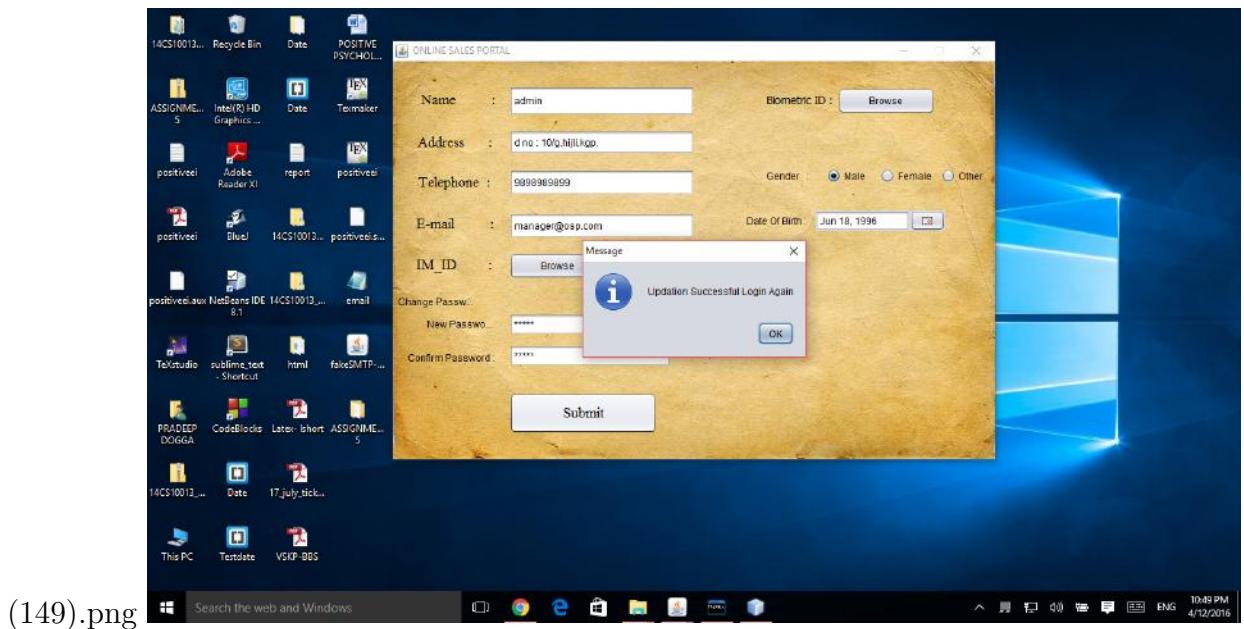


Figure 59: Successful change of profile.

2.2.5 Customer Messages

TEST CASES : If the customer (buyer / seller) has no messages to view.

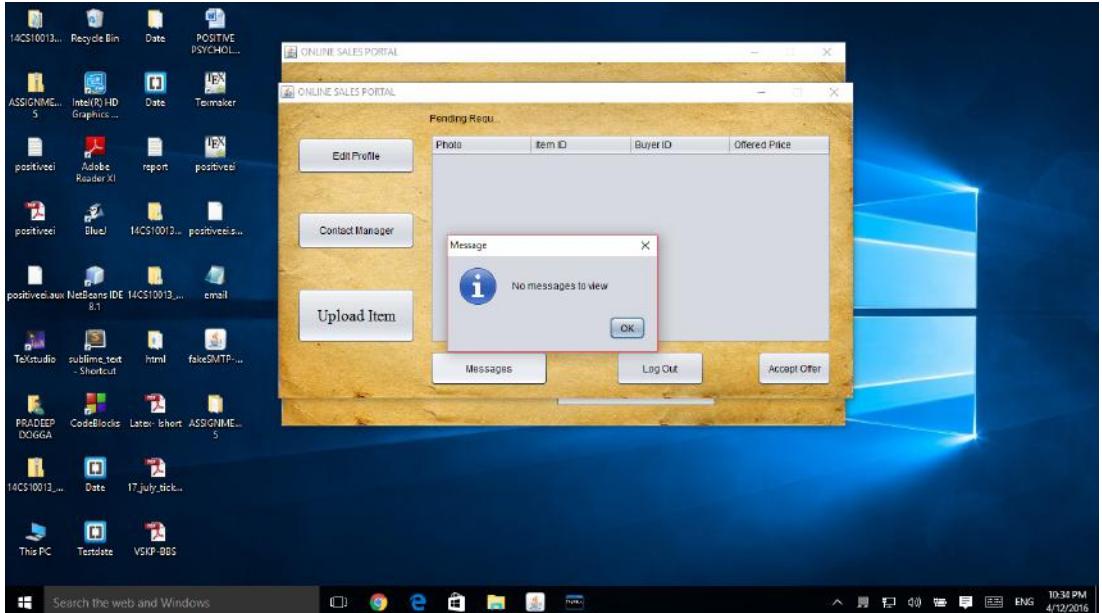
STATE : The customer is logged in.

SAMPLE INPUT : Clicks on messages button.

EXPECTED OUTPUT : Report to customer that no messages exist.

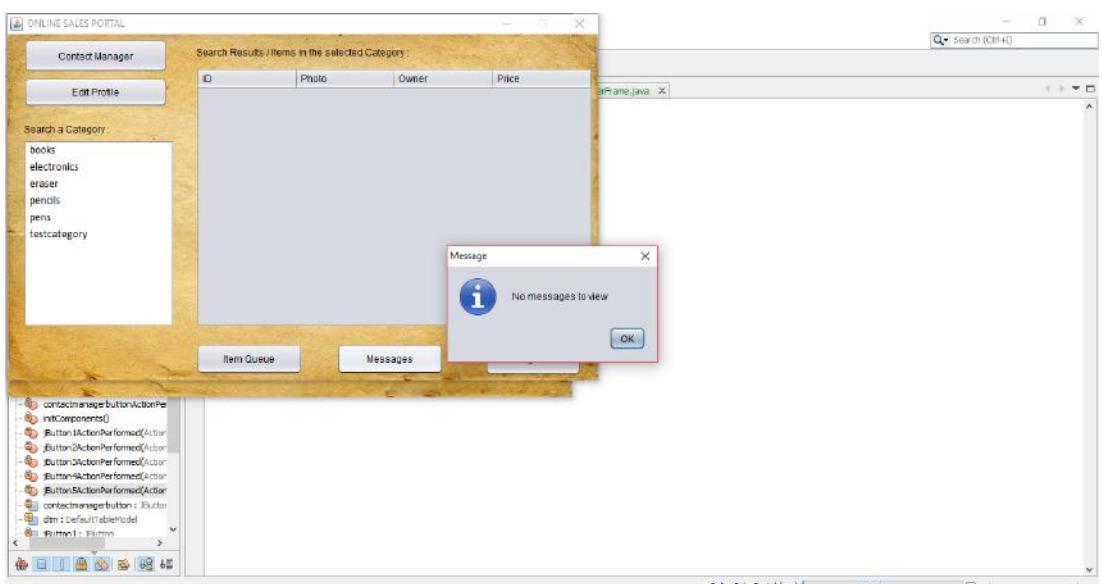
ACTUAL OUTPUT : "No messages to view" - message is shown in a dialog box.

TEST RESULT - PASSED.



(120).png

Figure 60: No messages for seller.



(193).png

Figure 61: No messages for buyer.

2. If the customer / manager has messages then they are shown.

SAMPLE INPUT : The manager / seller / buyer clicks on messages button.

EXPECTED OUTPUT : The list of received messages are displayed.

ACTUAL OUTPUT : All the messages received are shown.

TEST RESULT - PASSED.

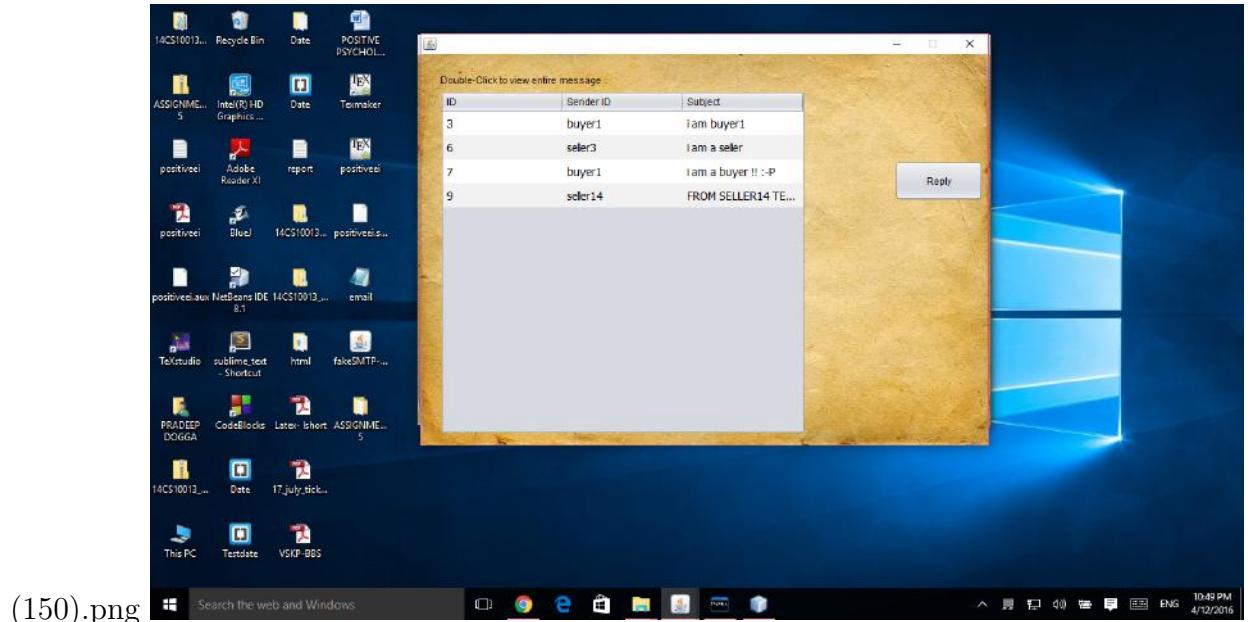


Figure 62: Messages for manager.

The same applies to the seller/buyer.

2.2.6 Customer Contacts Manager

TEST CASES : STATE : The customer is logged in.

1. SAMPLE INPUT : Clicks on contact manager button. Writes a message to the manager.

Subject : FROM SELLER14 TESTING.

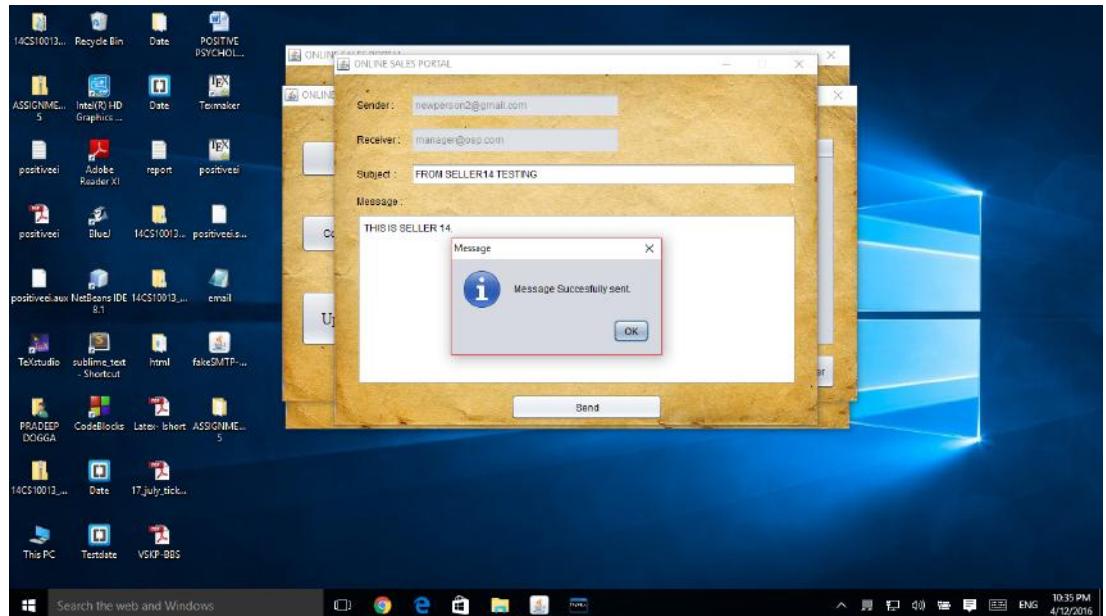
Message : THIS IS SELLER14 TESTING.

Clicks on send button.

EXPECTED OUTPUT : Message is sent to manager.

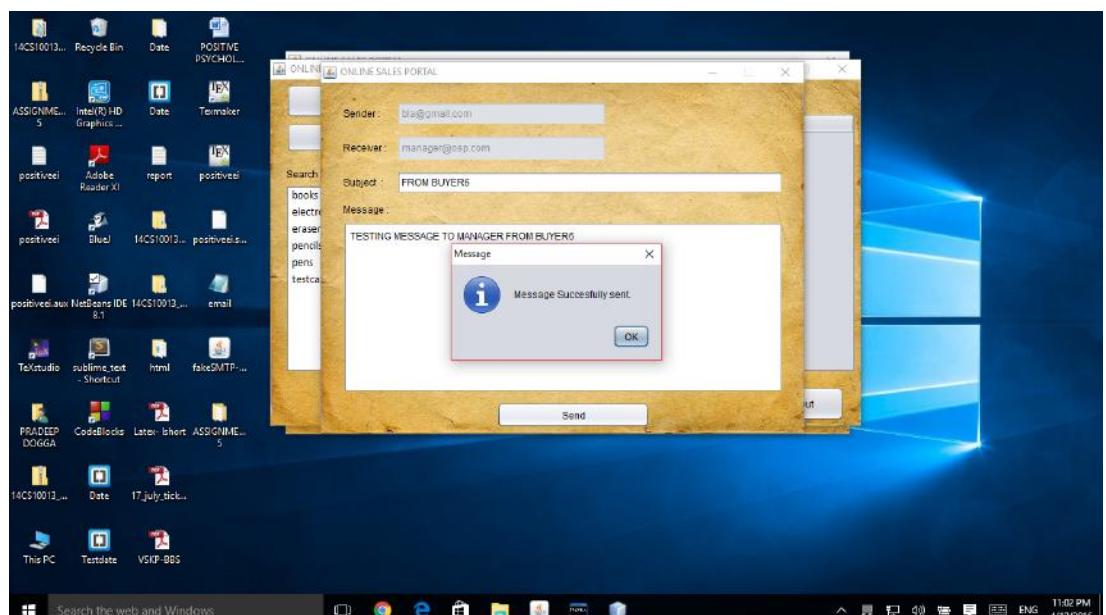
ACTUAL OUTPUT : "Message successfully sent." - message is shown and the message is sent to manager.

TEST RESULT : PASSED.



(123).png

Figure 63: Contact Manager from seller.



(163).png

Figure 64: Contact Manager from buyer.

2. SAMPLE INPUT : Clicks on contact manager button. Writes an empty message or subject to the manager.

2.1 Subject : FROM SELLER14 TESTING.

Message :

2.2 Subject :

Message :

Clicks on send button.

EXPECTED OUTPUT : Error is shown.

ACTUAL OUTPUT : "Message cannot be empty." - message is shown for 2.1 sample input and "Subject Field cannot be empty." - message is shown for 2.2 sample input , the message is not sent to manager.

TEST RESULT : PASSED.

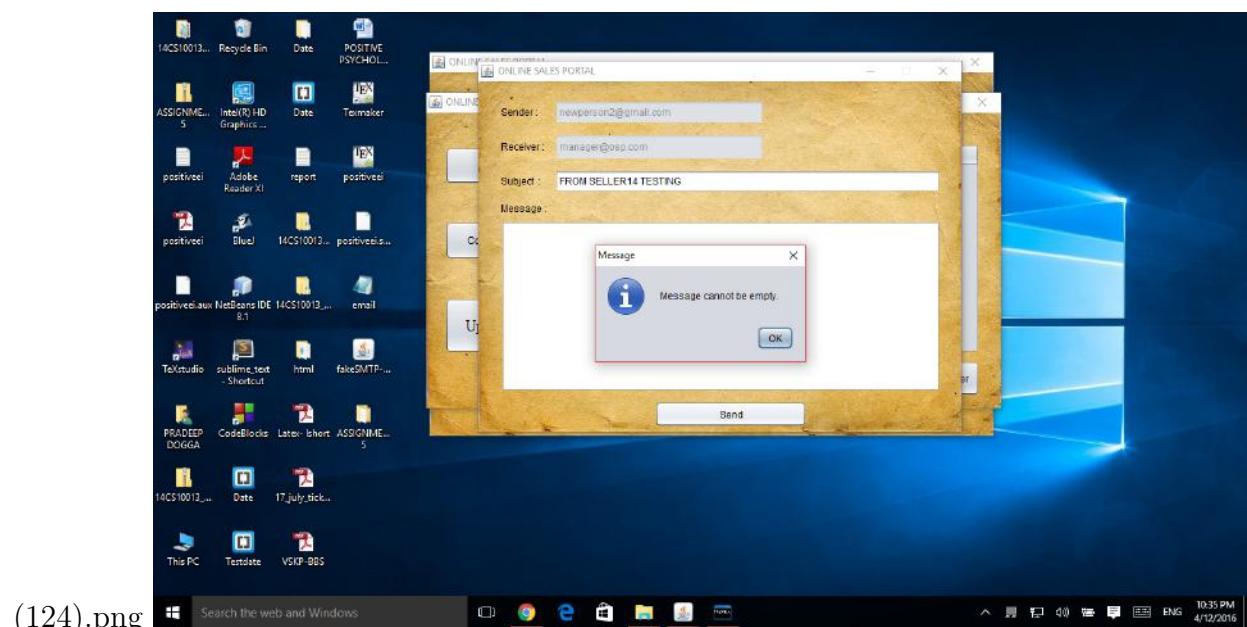
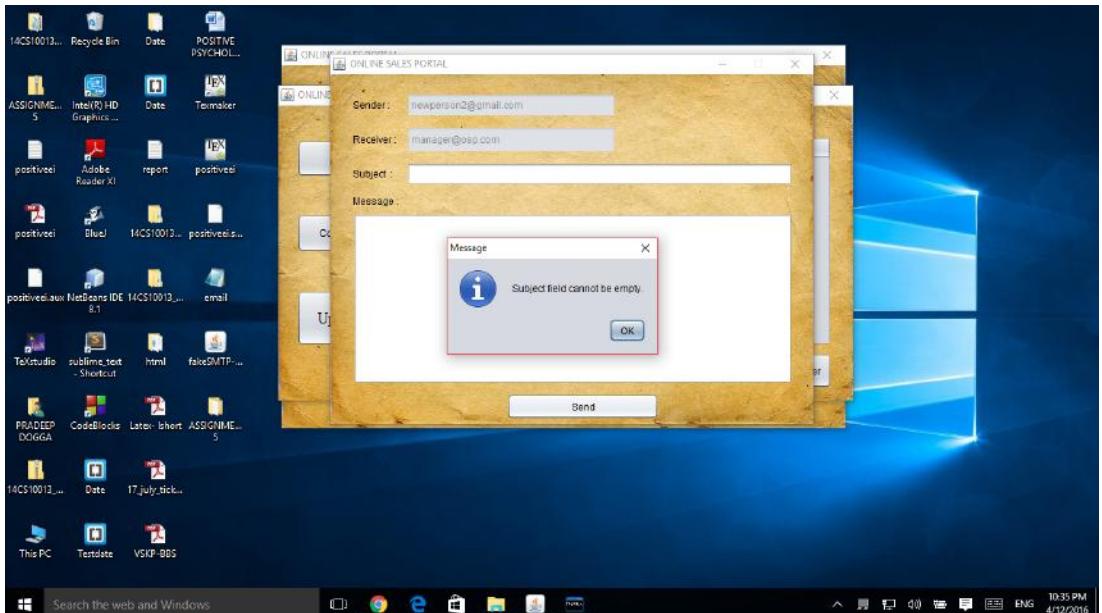


Figure 65: Empty Message (2.1).



(125).png

Figure 66: Empty Subject (2.2).

2.2.7 Seller Accepts Offer

TEST CASES : STATE : The seller is logged in .

1. SAMPLE INPUT : Seller clicks on accept offer button without selecting an offer for an item.

EXPECTED OUTPUT : Error is shown.

ACTUAL OUTPUT : "Select an item !" - message is shown and is not allowed to make changes.

TEST RESULT - PASSED.

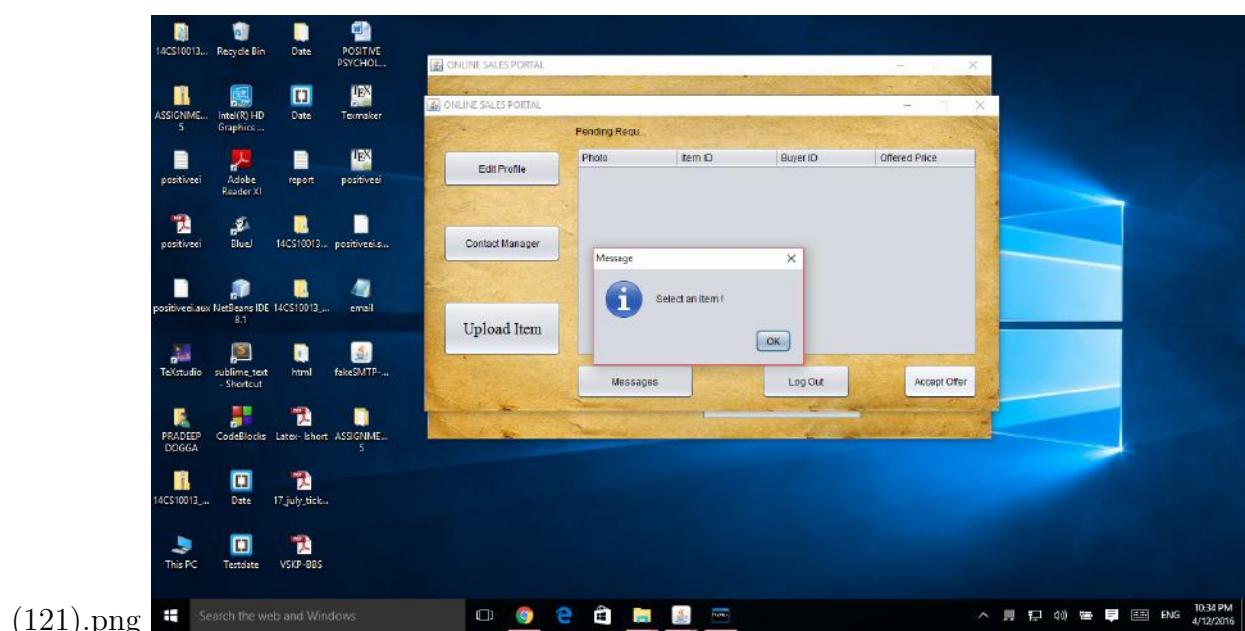


Figure 67: Invalid accepting offer.

2. SAMPLE INPUT : Seller clicks on accept offer button and enters invalid entry for price.

EXPECTED OUTPUT : Error is shown.

ACTUAL OUTPUT : "Invalid Price" - message is shown and is not allowed to make changes.

TEST RESULT - PASSED.

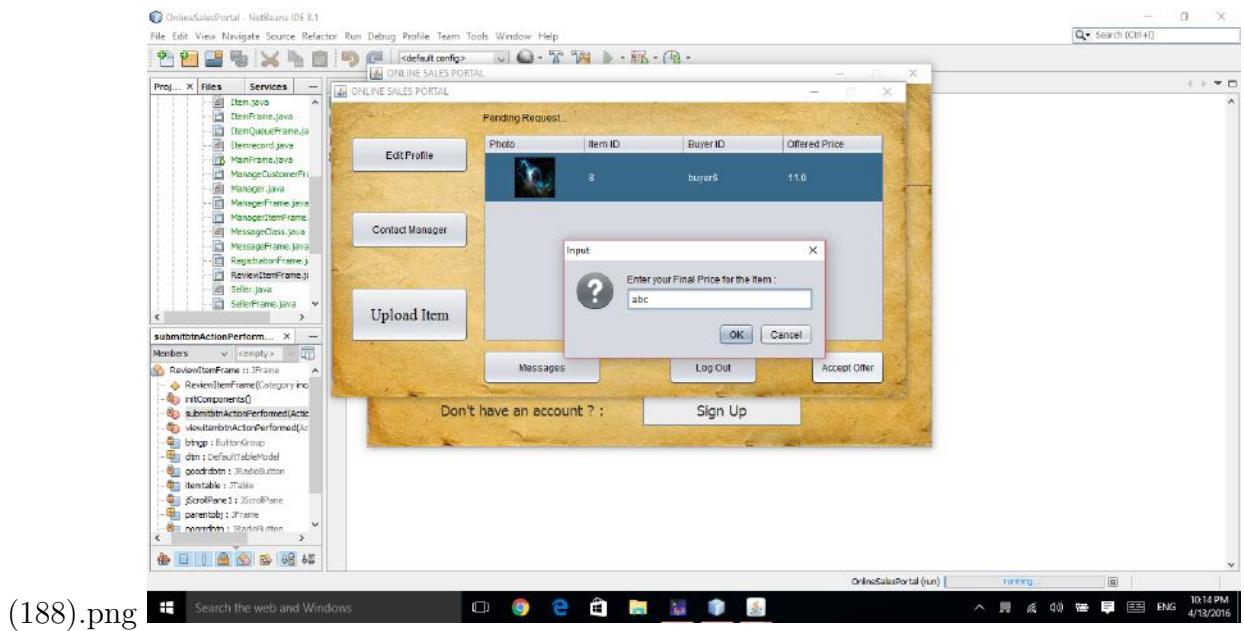
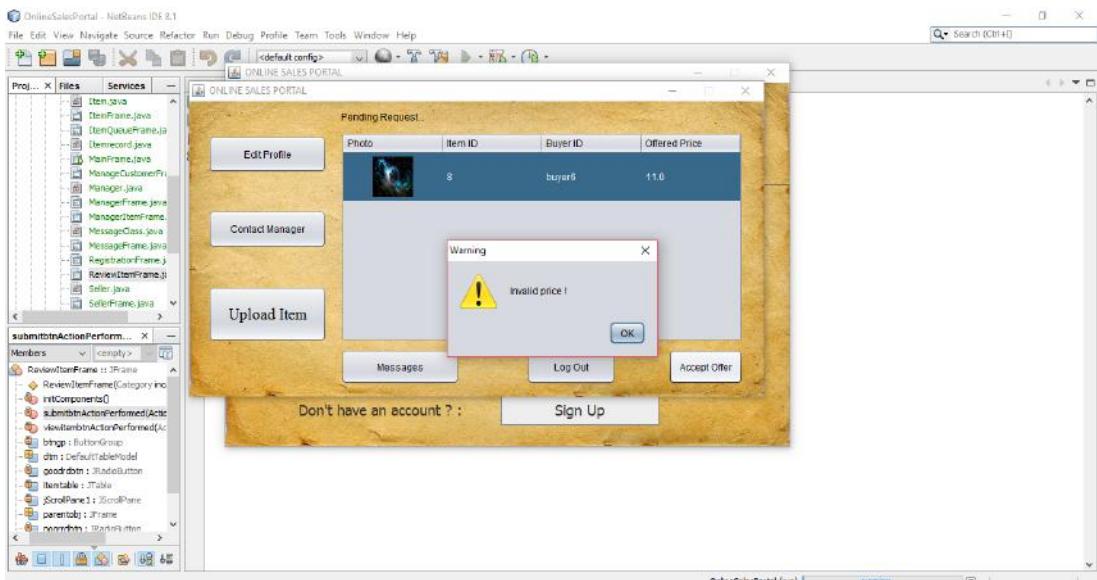
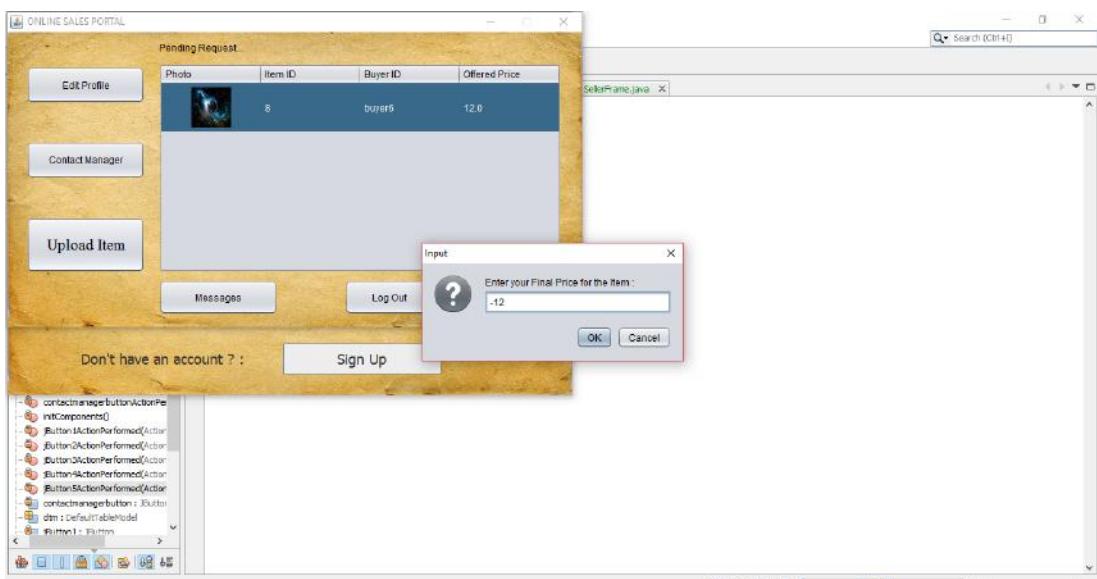


Figure 68: Invalid accepting offer.



(189).png

Figure 69: Invalid accepting offer.



(191).png

Figure 70: Invalid accepting offer.

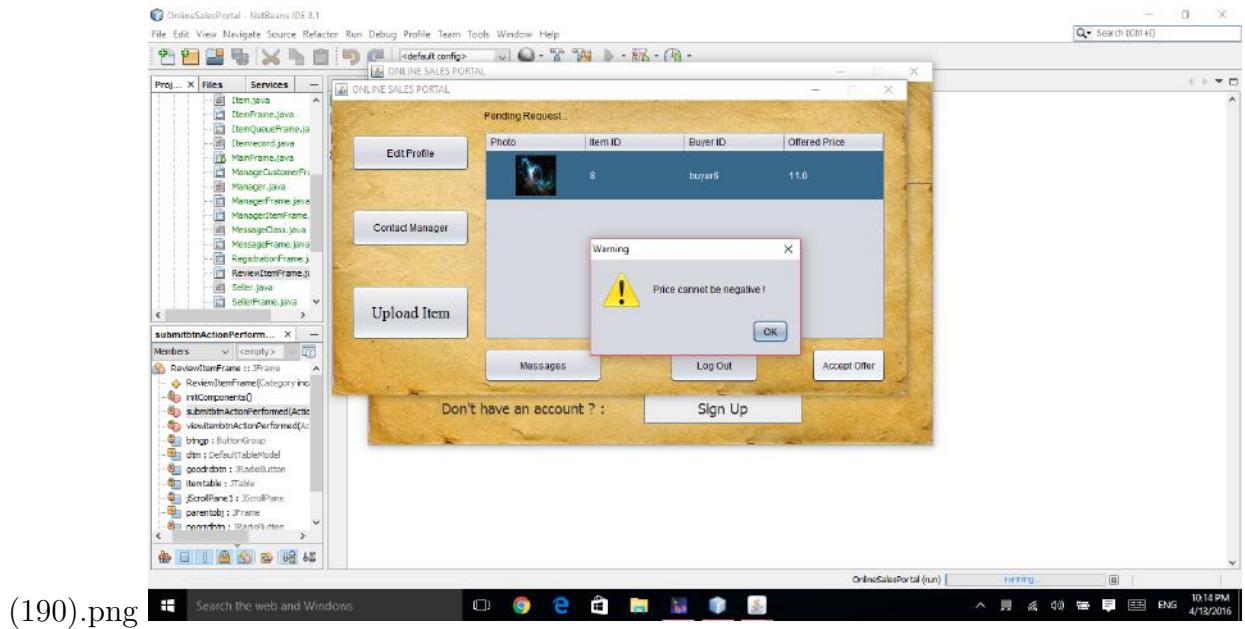


Figure 71: Invalid accepting offer.

3. If valid entry is made then the offer is accepted. It is shown in black box testing.

2.2.8 Search Results

STATE : The Buyer is logged in.

TEST CASES :

1 . If the selected category has no items.

SAMPLE INPUT : The buyer selects books category.

EXPECTED OUTPUT : Report no existence of items.

ACTUAL OUTPUT : "No items are found for the chosen category" - message is displayed.

TEST RESULT - PASSED .

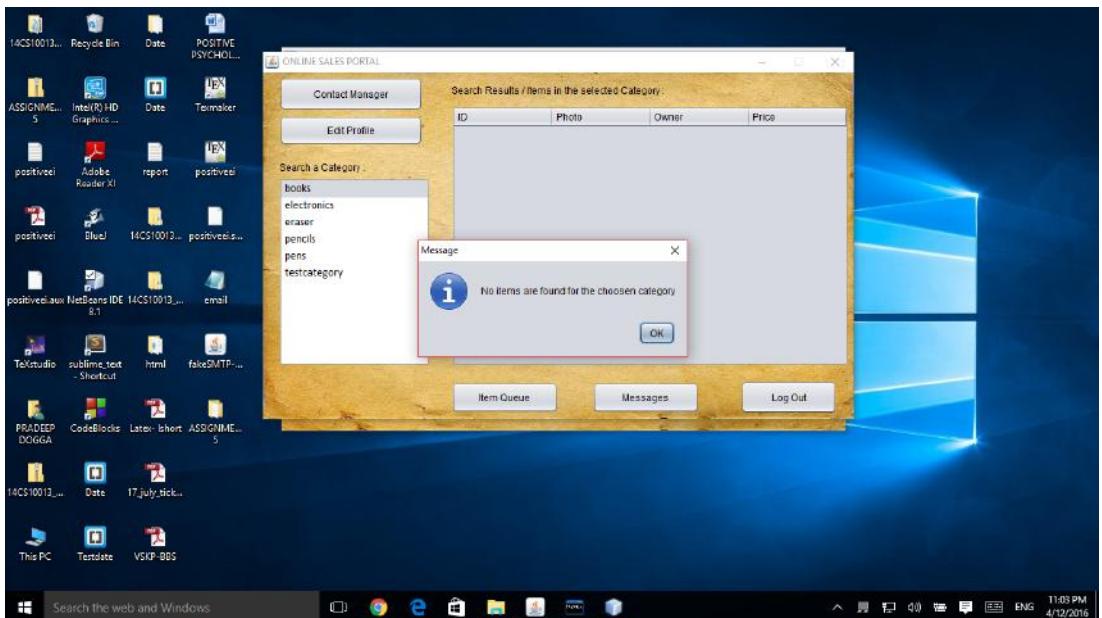
2 . If the selected category has one or more items.

SAMPLE INPUT : The buyer selects "testcategory" category.

EXPECTED OUTPUT : All the items and the ownerids are shown.

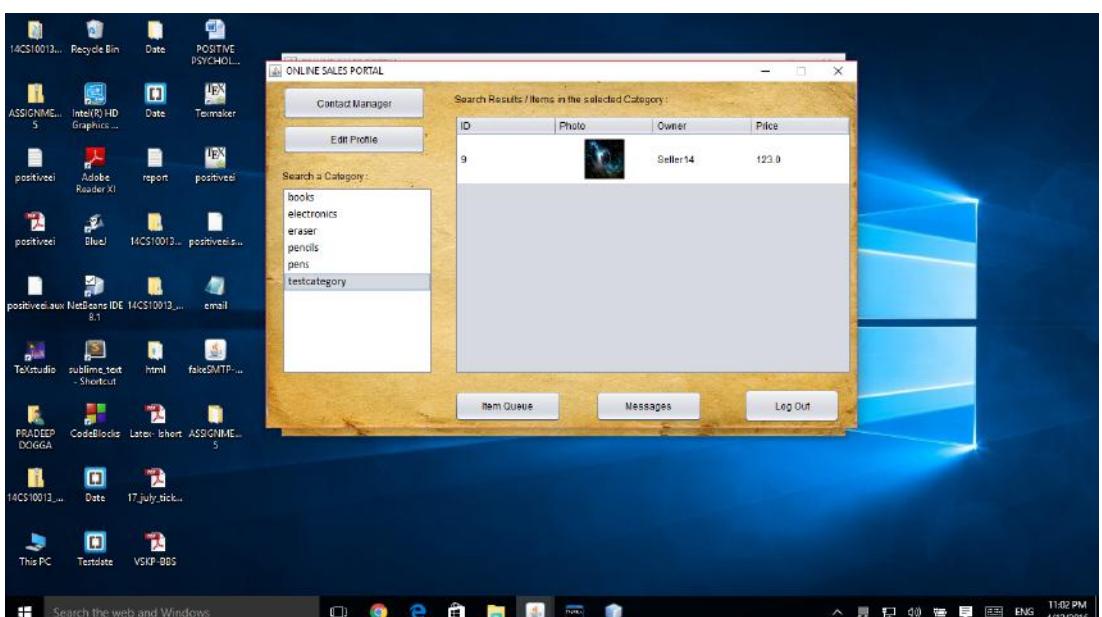
ACTUAL OUTPUT : The search results are shown in a tabular form with the item ids, photo and ownerids and prices.

TEST RESULT - PASSED .



(166).png

Figure 72: No item in chosen category.



(165).png

Figure 73: Search results found.

2.2.9 Requested / bought / Received items of a buyer.

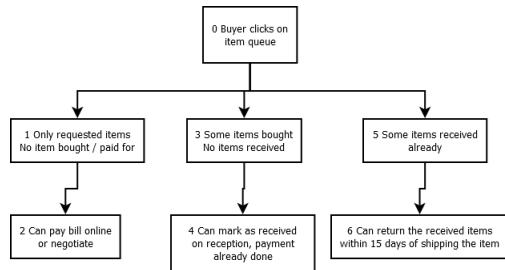


Figure 74: CFG For Buyer Operations

STATE : The buyer is logged in.

TEST CASES :

- SAMPLE INPUT : The user clicks on item queue button with no requests for any item or no items bought.

EXPECTED OUTPUT : No list of items are shown and no further operations are allowed.

ACTUAL OUTPUT : The list of items is empty and the check boxes are disabled.

TEST RESULT - PASSED.

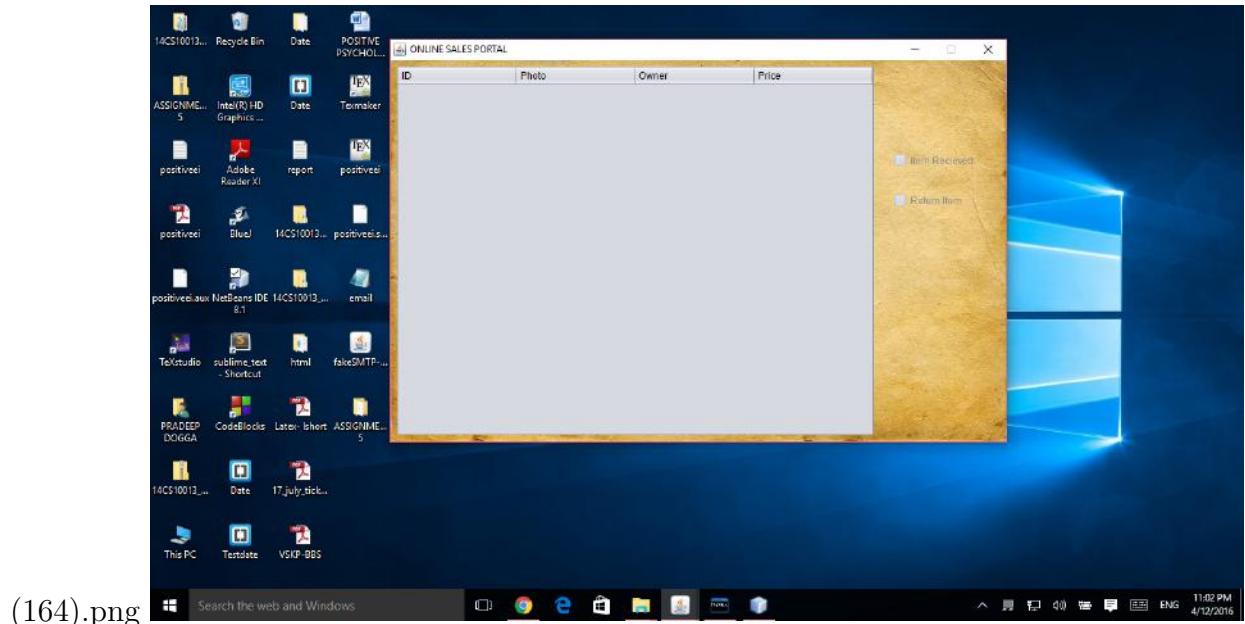


Figure 75: No Items bought/delivered/requested.

- 0-1-2 SAMPLE INPUT : The user clicks on item queue button with one or more requests for any item and no items bought.

EXPECTED OUTPUT : list of items requested for are shown and shown as accepted if an offer is accepted.

ACTUAL OUTPUT : The list of items is shown and accepted status is shown if offer is accepted.

TEST RESULT - PASSED.

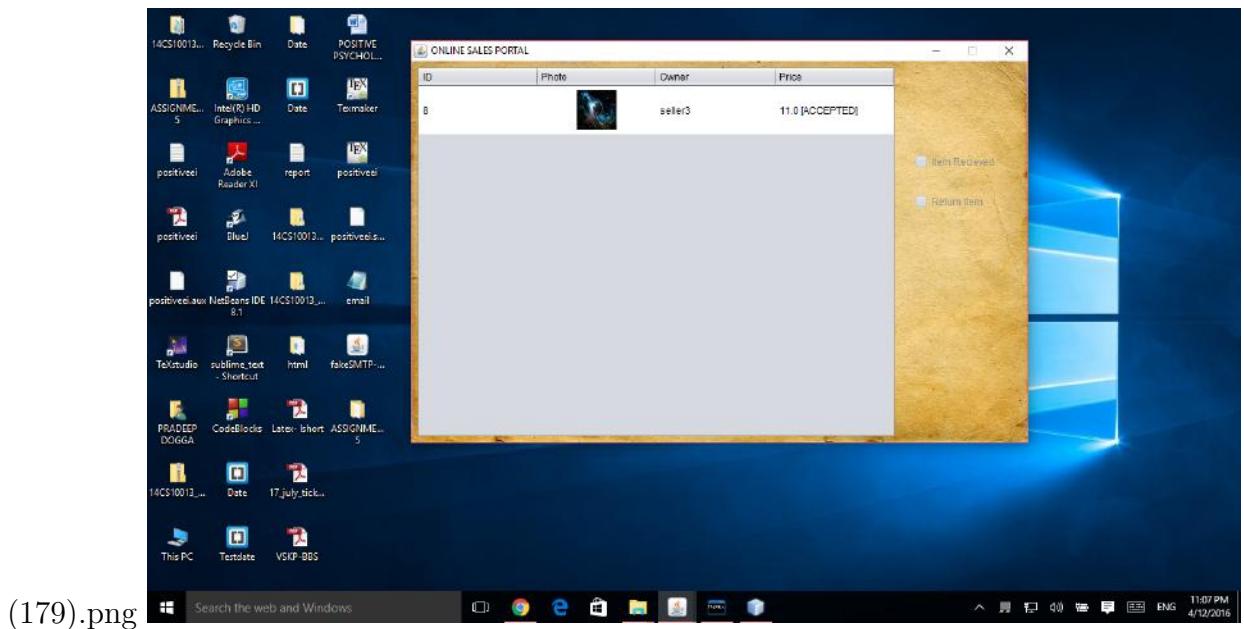


Figure 76: Items Requested.

3. 0-3-4 SAMPLE INPUT : The user clicks on item queue button with one or more requests for any item and some items bought and not yet received. The user clicks on received button to indicate reception of item.

EXPECTED OUTPUT : list of items requested for are shown and bought items are marked as BILL PAID. After choosing bought item and choosing received option it is marked as delivered.

ACTUAL OUTPUT : list of items requested for are shown and bought items are marked as [BILL PAID] . The received items are shown as [DELIVERED]

TEST RESULT - PASSED.

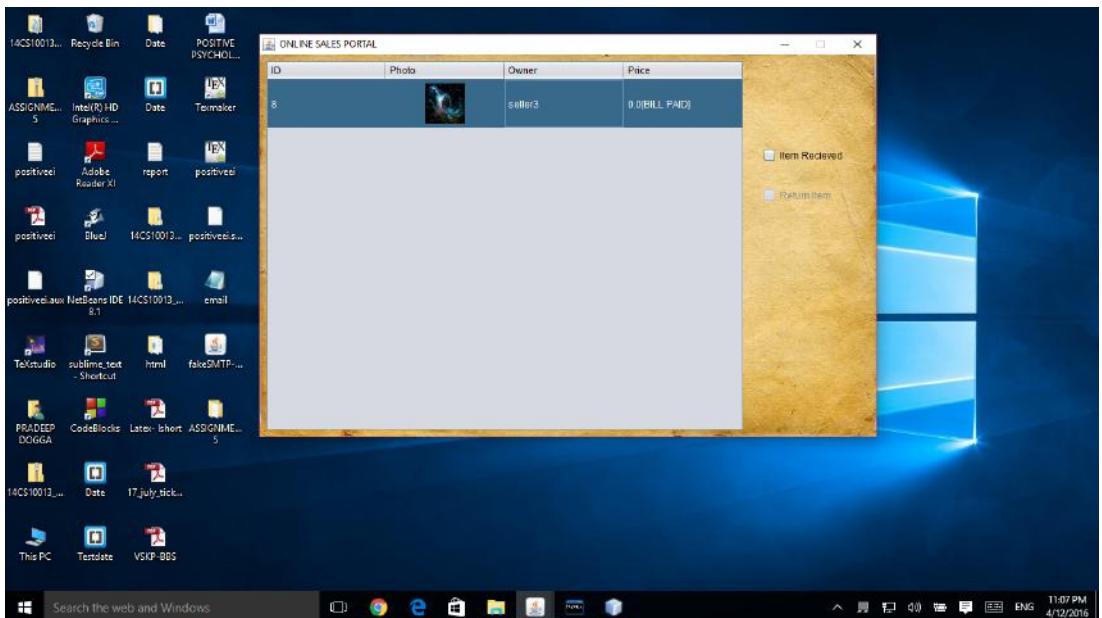


Figure 77: Items Bought.

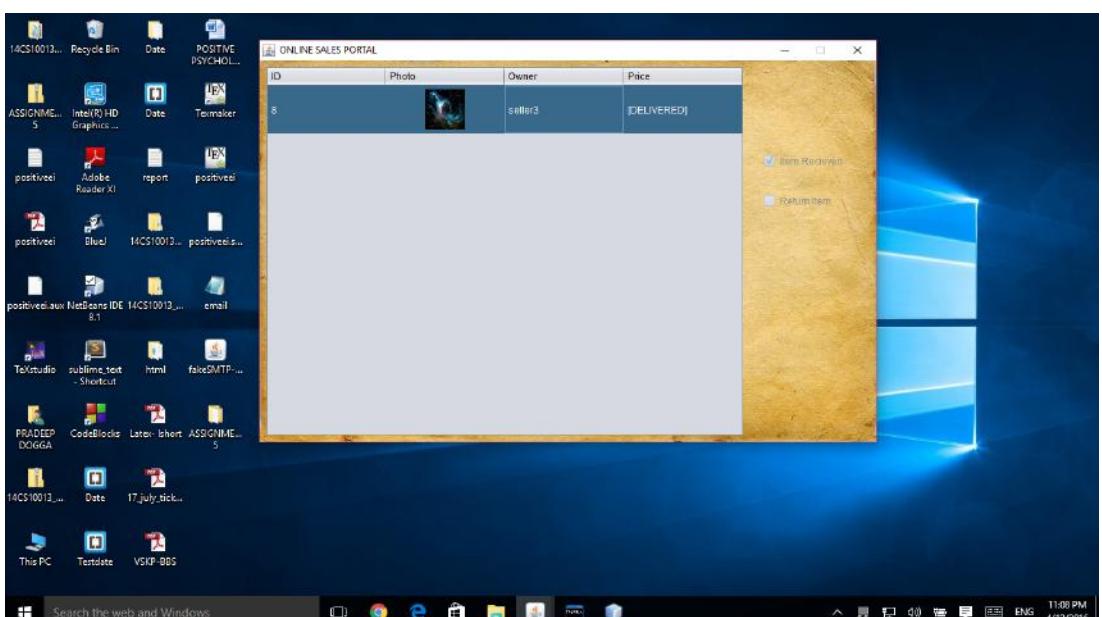


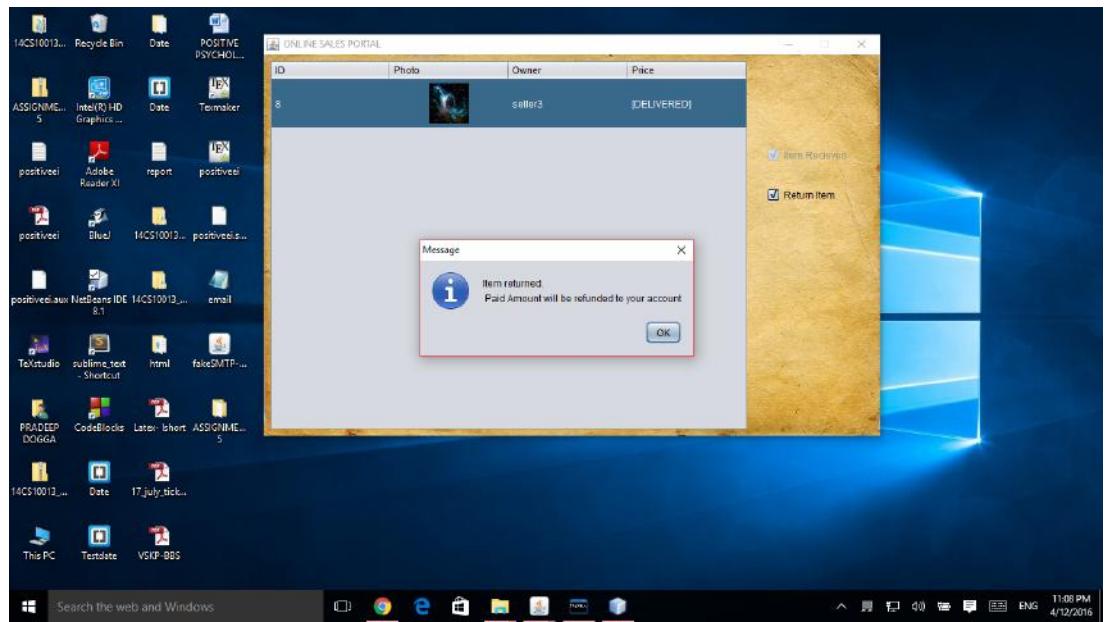
Figure 78: Items Received.

4. 0-5-6 SAMPLE INPUT : The user clicks on item queue button with one or more requests for any item and some items already received. The user clicks on return item button to return the item.

EXPECTED OUTPUT : list of items requested for are shown and received items are marked as DELIVERED. After choosing the received item and choosing return item option, if the date of reception is less than 15 days the item is returned and the user is notified to receive full refund.

ACTUAL OUTPUT : list of items requested for are shown and bought items are marked as [DELIVERED] . "Item returned. Paid amount will be refunded to your account" - message is displayed.

TEST RESULT - PASSED.



(183).png

Figure 79: Item Return.

2.2.10 Manager Removes Category

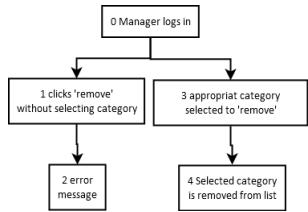


Figure 80: CFG For Removing Category

STATE : The manager is logged in.

TEST CASES :

0-1-2 SAMPLE INPUT : The manager selects a category "books" and clicks on remove selected category button.

EXPECTED OUTPUT : If the category has items, then the manager is notified and not allowed to delete.

ACTUAL OUTPUT : "Items with the selected category exists in the portal. Choose Appropriate Categories for those items. Deletion Unsuccessful."

TEST RESULT - PASSED.

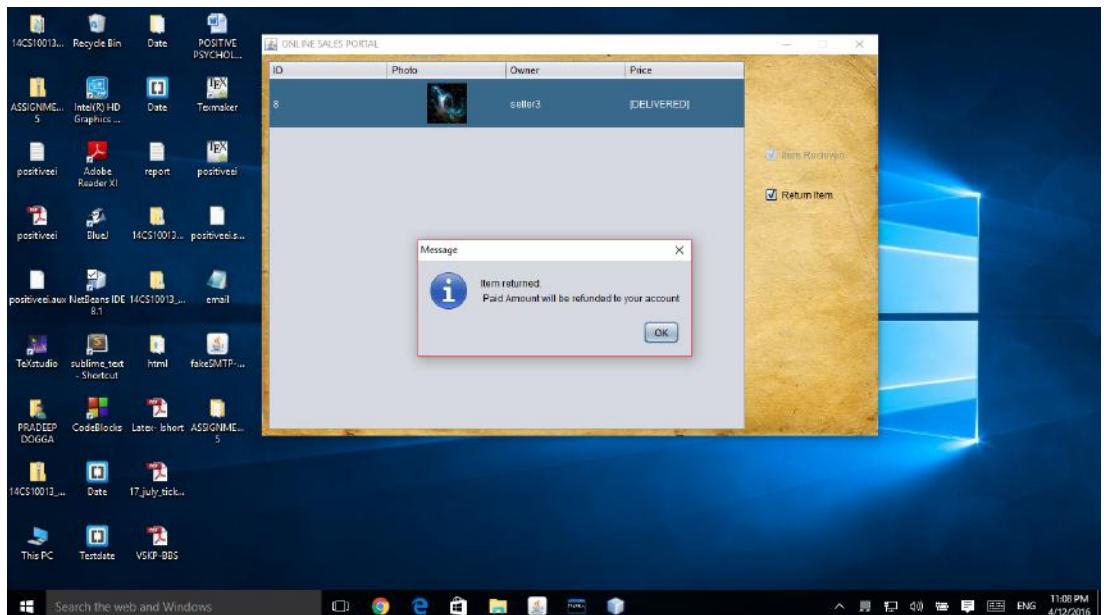


Figure 81: Category Deletion unsuccessful.

0-3-4 Shown in black box testing.

2.2.11 Manager Reviews Item

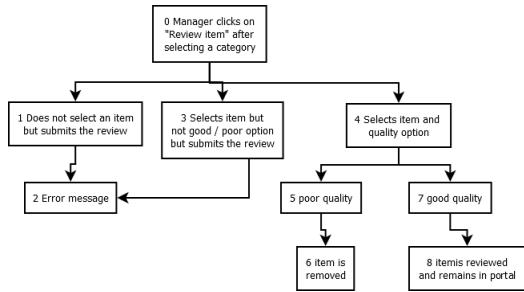


Figure 82: CFG For Item Review

STATE : The manager is logged in and selects a category and clicks on review items button.

TEST CASES :

1. 0-4-5-6 SAMPLE INPUT : The manager chooses one item among the items in the list and chooses poor option and clicks on submit button.

EXPECTED OUTPUT : The item is removed because of poor quality.

ACTUAL OUTPUT : The item is removed from the list and from the portal.

TEST RESULT - PASSED.

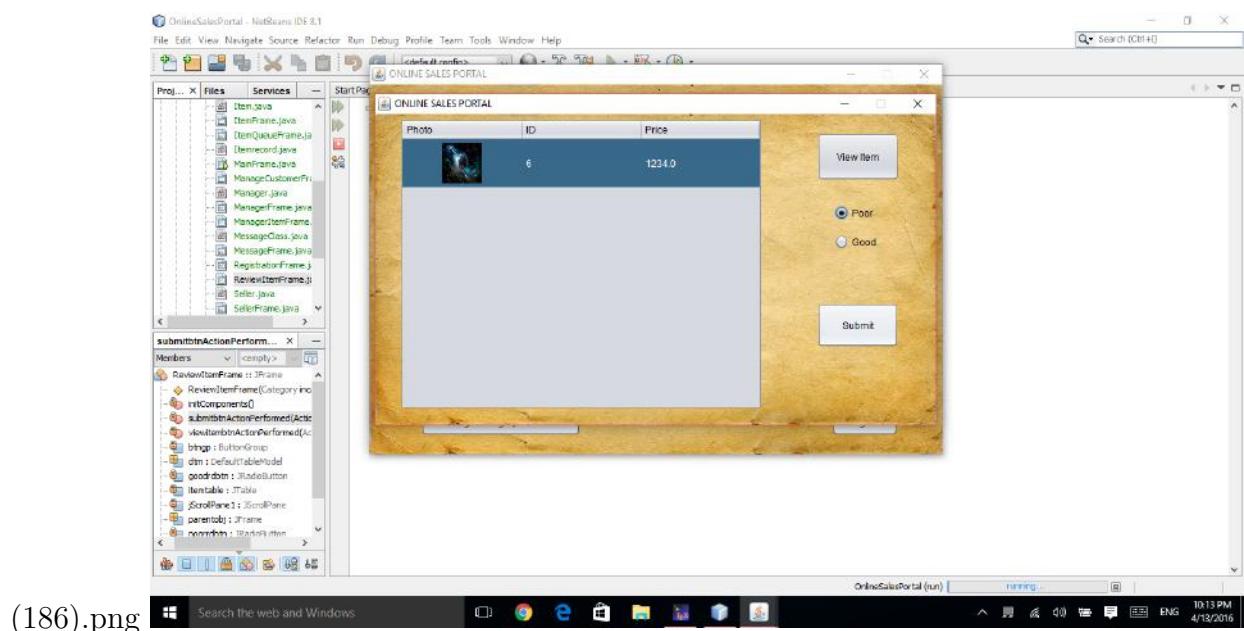
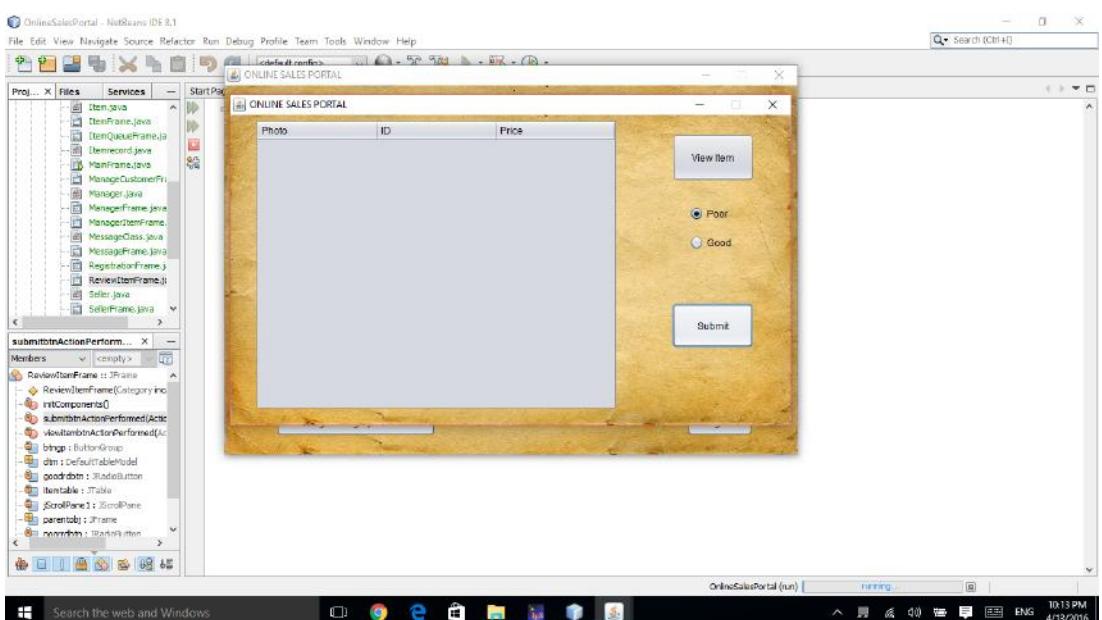


Figure 83: Reviewing an item as poor quality.



(187).png

Figure 84: Poor quality item removed.

2. 0-1-2 SAMPLE INPUT : The manager chooses no item among the items in the list and chooses poor or good option and clicks on submit button.

EXPECTED OUTPUT : Error is shown to select an item.

ACTUAL OUTPUT : "Select an item!" - message is shown.

TEST RESULT - PASSED.

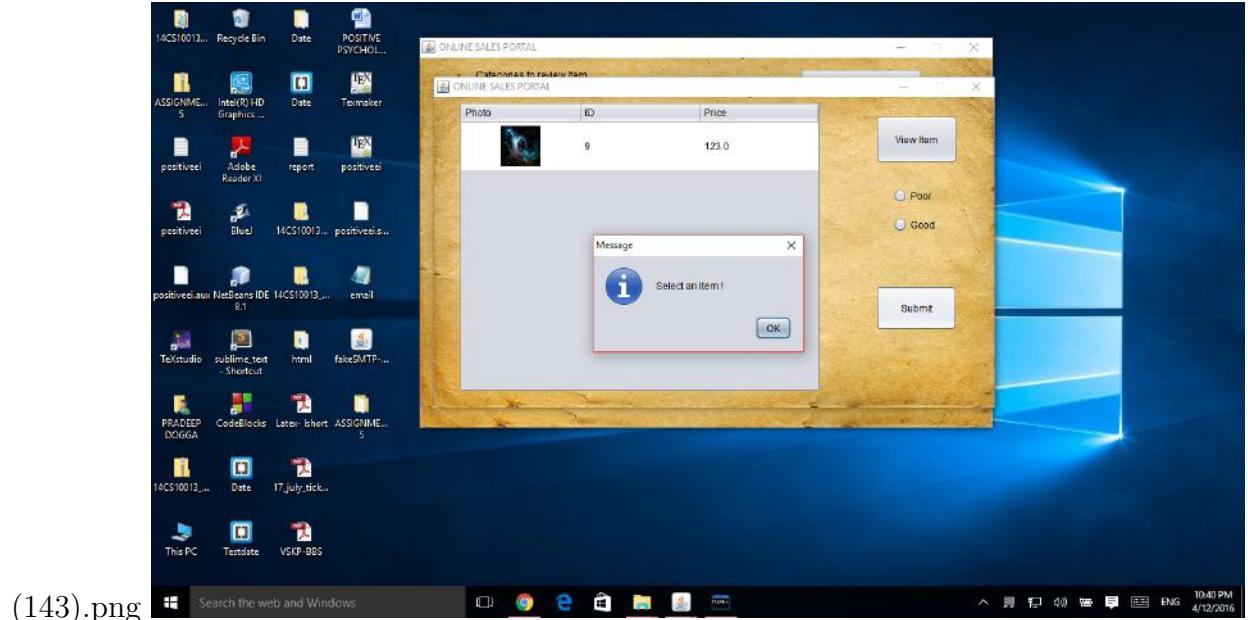


Figure 85: No Item chosen to review.

3. 0-4-7-8 Shown in black box testing.

2.2.12 Manager Manages Customers

STATUS : Manager is logged in and clicks on manage customers button.

SAMPLE INPUT : Manager does not select any customer and clicks on reset password button or remove customer button.

EXPECTED OUTPUT : Error message to select a customer to operate upon.

ACTUAL OUTPUT : "Select a customer." - message is displayed and no changes are done.

TEST RESULT - PASSED.

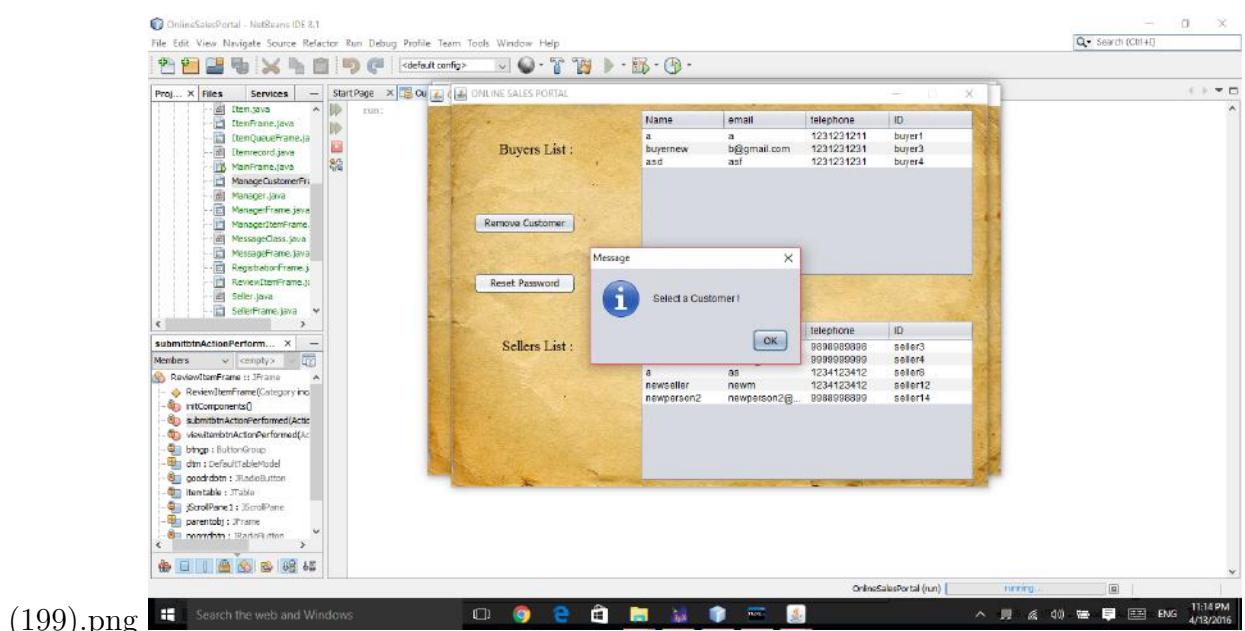


Figure 86: No Customer chosen.