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|  | 2021-22 |
| **School of Computing, Engineering and Mathematics** |
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|  | **5001CEM**  **Software Engineering**  **Test Regime / Auction** |
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**Test Regime**

**1 Developer name / SID**

**Rajdep Mehra - 10803110**

**Project**

My project is a simple auction with a registration and login, there is also lots of function such as bidding and keeping a watchlist but with no advanced functionality, limited data, and no real payment facility to show a simple workflow in Flask / sql / html / css. Security and UX.

**Test scope**

* Registration
* Login
* Shopfront
* Adding to and removing from cart
* Checking out

**out of scope**

* security

**Test time**

1 hour and 8 mins

**Test regime**

5.1 Registration (13 mins)

.1 First try to register, when registering sometimes miss a block of detail to see if you still register. You can try this with all of them.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.2 Try to register with no details by leaving everything blank and just click the signup button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.3 When registering try to register with 2 different passwords and fill the other block.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your passwords are not matching.

.4 After registering once, register again and the details should not match with another user so trying to register another account with same details

should show a popup saying the details are already being used.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

.5 When registering trying to enter a fake email to see if you can register.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your email doesn’t exist.

.6 Register with proper details for each of the blanks.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Should send you direct you to the homepage of the auction with a welcom post.

.7 When registering trying to enter a fake phone number to see if you can register.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your number doesn’t exist.

.8 When registering try registering with a number bigger or smaller then 11.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your number is either too long or too small.

.9 When registering trying to enter a fake home address to see if you can register.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your adress doesn’t exist.

.10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your number doesn’t exist.

5.2 Login(5 mins)

.1 First try to login, to login you need to fill all the blanks so first leave some blanks and try to register.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.2 When logging in the details should match the one you registered with so try the wrong details to see if you login.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the correct details.

.3 Log in with the correct credentials.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should let you login, and go to the homepage with a welcom post at the top.

.4 In the login page, it lets you see what the items in auction but doesn’t let you do through to the item page to bid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

5.3 Selling (10 mins)

.1 When selling an item, you must fill all the cases so try to leave one each time you sell.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.2 When selling an item, you must use a jpg file for photo so use one that’s not.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to use the correct file type.

.3 When selling an item, try putting words for money.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space with numbers.

.4 When selling an item, try putting negative number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying starting bid must be positive.

.5 When selling an item, try putting decimal number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Should succesfully allow you to sell.

.6 Try selling an item, it should show the item in my auction.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

.7 After selling an item, it should show the item in homepage.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

.8 After selling an item, the details should say the current bid, seller id and date added for both my auction and homepage.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

5.4 Bidding(15 mins)

.1 When bidding on an item, you need to insert something in so try leaving it blank.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.2 When bidding on an item, try putting words for money.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.3 When bidding on an item, try putting negative number for money.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.4 When bidding on an item, try putting decimal number for money.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.5 When bidding on an item, try putting 0.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.6 When bidding on an item, enter the same bid as the current bid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.7 When bidding on an item, the bid must be 10 pence more than the current. Try a bid within that range.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying it’s a invalid bid.

.8 Do a successful bid that’s 10 pence over the current bid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying success.

.9 After a successful bid check my bids.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show the item you bid on my bid.

.10 After a successful bid check homepage.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show the item you bid is not there.

.11 After a successful bid check the current bid.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show the current bid has changed in homepage.

5.5 Auction(25 mins)

.1 Click on the pictures in the homepage.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should send you to the item description page of the item.

.2 The information should be correctly displayed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Test 1: Each detail is in a correct coressponding row.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Test 2: Each detail does not over into another coloumn and is correctly resized into their own column.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Test 3: A time for the end of the auction should be displayed at bottom of the item page.

.3 Images are being displayed correctly

Test 1: The images are correctly resized and fit bounding box

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Test 2: The bounding boxes are not overlapping with eachother

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

Test 3: The detaisl of the picture are correctly placed below the picture and are all inside the bounding boxes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

.4 On the item description page, click the watchlist button, then go to watchlist in my auction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should be able to see the item you clicked watchlist on.

.5 After bidding on an item, wait till the auction finishes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should be able to see the item you succesfully won on a auction in purshases history.

.6 Wait till someone bids on your item and wait till the auction finishes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should be able to see the item you sold in sales history.

.7 Using your separate account to bid on an item that you have already bided on

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should receive a email saying you were outbided.

.8 Complete a final bid and wait for the auction to end.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should receive an email to payment page for the item.

.9 Complete a final bid and wait for the auction to end.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

You should see the item you won on payment page

.10 Click on the picture of the item you won in payment page.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

You should be sent to another page to enter your account details.

.11 First try to miss a block of detail to see if you still pay. You can try this with all of them.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.12 Try to pay with no details by leaving everything blank and just click the pay button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying you need to fill the specific space you haven’t filled.

.13 Try to pay with the wrong details and just click the pay button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup saying your account isnn’t real.

.14 Enter your real details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should show a popup payment successful and go to homepage.

.15 Click the log out button.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pass for Yes | Fail for No | Yes / No | Comments |  |

should send you back to the login screen.