

After discussion with professor Mai, we put some simple senorial test cases, whose precondition and post conduction are the same, in one page to make the file easier to read.

Front-end register testing

Test Case	
Project Name: Bid Now	
Test Case ID: 01-10	Test Designed by: Weiyi He, Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Register	Test Executed by: Leyi Guo
Test Title: Front-end register testing	Test Execution date: 26/11/2021
Description: The front-end must ensure <ol style="list-style-type: none"> 1. The password should contain at least one number and at least one character. And the two passwords must match. 2. The email should be the correct email format. 3. All lines must be filled before the button is active. 	
Objective: Ensure the front-end handles the validation successfully.	
Pre-conditions: The blanks on the webpage are empty.	

Step (Test Case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
01	input all lines valid email password with int and char	E: asd@163.com N:asd P: 123a CP: 123a	validate to register	warning: password format incorrect	Fail	logic
02	input all lines valid email	E: asd@163.com N:asd	warning: password don't match	warning: password format	Fail	logic

	password2 doesn't match password1	P: 1234ab CP: 1234		incorrect		
03	input all lines valid email password including special character	E: asd@163.com N:asd P: 1234ab? CP: 1234ab?	validate to register	validate to register	Pass	
04	input all lines valid email password with no char nor number	E: asd@163.com N:asd P: ??? CP: ???	warning: incorrect password format	warning: incorrect password format	Pass	
05	input all lines valid email password with no char	E: asd@163.com N:asd P: 1234 CP: 1234	warning: incorrect password format	warning: incorrect password format	Pass	
06	input all lines valid email password with no int	E: asd@163.com N:asd P: asd CP: asd	warning: incorrect password format	warning: incorrect password format	Pass	
07	input all lines invalid email	E: asd N:asd P: asd CP: asd	warning: incorrect email format	warning: incorrect email format	Pass	
08	input lines without email	E: N:asd P: asd CP: asd	warning: please fill all lines	warning: please fill all lines	Pass	
09	input lines without username	E: asd@163.c0m N: P: asd CP: asd	warning: please fill all lines	warning: please fill all lines	Pass	
10	input lines without password	E: asd@163.com N:asd P: CP: asd	warning: password don't match	warning: password don't match	Pass	

Post-conditions:
The blanks are filled successfully, or warnings appear.

Back-end register testing

Test Case	
Project Name: Bid Now	
Test Case ID: 11-13	Test Designed by: Leyi Guo

Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Register	Test Executed by: Yannan Fei
Test Title: Back-end register testing	Test Execution date: 26/11/2021
Description: The back-end must ensure <ol style="list-style-type: none"> 1. The email was not in the database before. 2. The user name was not in the database before. 3. The user should be stored correctly in the database if all information is valid. 	
Objective: Ensure the back-end handles the register successfully.	
Pre-conditions: The blanks on the webpage are empty.	

Step (Test Case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
11	input all lines email not in db name not in db	E: asd@163.com N:asd P: 123a CP: 123a	validated, register the user in the system	validated, register the user in the system	pass	
12	input all lines email already in db name not in db	E: usr@163.com N:asdasd P: 1234ab CP: 1234ab	warning: email already registered	warning: email already registered	pass	
13	input all lines email not in db name already in db	E: asb@163.com N:user P: 1234ab CP: 1234ab	warning: username already registered	warning: username already registered	pass	

Post-conditions:
The user is registered successfully, or warnings appear.

Integration register testing

Test Case	
Project Name: Bid Now	
Test Case ID: 14	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Register	Test Executed by: Yannan Fei
Test Title: Integration register testing	Test Execution date: 26/11/2021
Description: Integration test of register. Make sure the user can register successfully.	
Objective: Ensure the system handles the register successfully.	
Pre-conditions: The user enters the system.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click on register new account	/	the user is directed to register	the user is directed to register	pass	
2	input email email valid, not in db	registertest@gmail.com	input successfully	input successfully	pass	
3	input username, username not in db	registertest	input successfully	input successfully	pass	
4	input password, password with int and char	1234ab	input successfully	input successfully	pass	
5	input password2, password2 match password1	1234ab	input successfully	input successfully	pass	
6	click register	/	register successfully, direct to login page the user can be	register successfully, direct to login page the user can be	pass	

			found in the database	found in the database		
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Post-conditions:
The user is registered successfully. We can find the user in the database.

Login testing

Test Case	
Project Name: Bid Now	
Test Case ID: 16-21	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): High	Test Designed date: 26/11/2021
Module Name: Login	Test Executed by: Yannan Fei
Test Title: Login testing	Test Execution date: 27/11/2021
Description: The user should be able to login with a valid username and password. If not, warnings will appear.	
Objective: Ensure a valid user can login successfully, a invalid user can not.	
Pre-conditions: The two blanks on the webpage are empty.	

Step (test case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
16	input all lines with valid information	U: user01 P: 1234asd (already in DB)	login successfully	return to the login page	fail	authentication
17	input all lines wrong password	U: user01 P: wrongpw1 (already in DB)	failed, wrong password	failed, wrong password	pass	
18	input all lines	U: user100	failed, register first	failed, register	pass	

	username not in db	P: wrongpw1 (not in DB)		first		
19	input all lines valid information	U: admin01 P: 1234asd (already in DB)	login successfully	login successfully	pass	
20	input all lines wrong password	U: admin01 P: wrongpw1 (already in DB)	failed, wrong password	failed, wrong password	pass	
21	input all lines admin name not in db	U: admin100 P: wrongpw1 (not in DB)	failed, register first	failed, register first	pass	

Post-conditions:

The blanks are filled successfully. The user will be directed to the main square page if login with correct username and password, else remain at this page.

Main square display testing

Test Case	
Project Name: Bid Now	
Test Case ID: 22	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021
Module Name: Main Square Display	Test Executed by: Yannan Fei
Test Title: Main square display testing	Test Execution date: 28/11/2021
Description: The user should be able to see products after login. Any one can't access this page before login.	
Objective: Ensure the main square page is showing products successfully.	
Pre-conditions: The user logs into the system.	

Step	Test Steps	Test Data	Expected	Actual Result	Status	Notes
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			Result		(Pass/Fail)	
1	input the website page and enter before login	bidnow/mainsquare	can not access to the square	can not access to the square	pass	
2	login	/	display main square successfully	display main square successfully	pass	
3	go to post item page, click Bid Now	/	display main square successfully	display main square successfully	pass	
4	logout, input the website page and enter	bidnow/mainsquare	can not access to the square	can not access to the square	pass	

Post-conditions:
The main square page displays correctly.

Front-end post item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 23-30	Test Designed by: Weiyi He, Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021
Module Name: Post Item	Test Executed by: Leyi Guo
Test Title: Front-end post item testing	Test Execution date: 01/12/2021
Description: The user should be able to post an item. The front-end should make sure all lines are filled. The upset price is an integer bigger than 0.	
Objective: Ensure the post item function works well in the front-end.	
Pre-conditions: The user clicked the post item button on the left bar.	

Step (test case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
23	input all lines	IN: book P: book.jpg D: A book UP: 10	post item successfully	post item successfully	Pass	
24	input all lines without item name	IN: P: book.jpg D: A book UP: 10	failed, all blanks must be filled	failed, all blanks must be filled	Pass	
25	input all lines without picture	IN: book P: D: A book UP: 10	failed, all blanks must be filled	failed, all blanks must be filled	Pass	
26	input all lines without description	IN: book P: book.jpg D: UP: 10	failed, all blanks must be filled	failed, all blanks must be filled	Pass	
27	input all lines with char in upset price	IN: book P: book.jpg D: A book UP: asd	failed, upset price should be a integer greater than 0	failed, upset price should be a integer greater than 0	Pass	
28	input all lines with float in upset price	IN: book P: book.jpg D: A book UP: 10.2	failed, upset price should be a integer greater than 0	failed, upset price should be a integer greater than 0	Pass	
29	input all lines with negative int in upset price	IN: book P: book.jpg D: A book UP: -2	failed, upset price should be a integer greater than 0	failed, upset price should be a integer greater than 0	Pass	
30	input all lines with 0 in upset price	IN: book P: book.jpg D: A book UP: 0	failed, upset price should be a integer greater than 0	failed, upset price should be a integer greater than 0	Pass	

Post-conditions:

If the blanks are filled successfully, the information will be sent to the back-end. Else, warnings appear.

Integration post item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 31	Test Designed by: Yannan Fei, Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021

Module Name: Post Item	Test Executed by: Yannan Fei
Test Title: Integration post item testing	Test Execution date: 01/12/2021
Description: The user should be able to post an item. The back-end should make sure the item is stored in the database correctly.	
Objective: Ensure the post item function works well in the system.	
Pre-conditions: The user logged in.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click post item	/	directed to post item page	directed to post item page	pass	
2	input IN	book	input successfully	input successfully	pass	
3	select a picture	book.jpg	input successfully	input successfully	pass	
4	input a description	A book	input successfully	input successfully	pass	
5	input a upset price	10	input successfully	input successfully	pass	
6	click post item	/	receive success message the item can be found in the database	receive success message the item can't be found in the database	fail	direct insert to database is successful

Post-conditions:
If the blanks are filled successfully, the information will be stored in the database.

Front-end bid item testing

Test Case
Project Name: Bid Now

Test Case ID: 32-35	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Bid Item	Test Executed by: Yannan Fei
Test Title: Front-end bid item testing	Test Execution date: 01/12/2021
Description: The front-end should make sure the new price given by the user is an integer greater than current price.	
Objective: To ensure the front-end handles bidding correctly.	
Pre-conditions: The user is on the item page.	

Step (test case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
32	input char, click bid	abc	warning: please enter a integer greater than current price	send the message to back-end	fail	logic
33	input folat, click bid	12.3	warning: please enter a integer greater than current price	send the message to back-end	fail	logic
34	input current price, click bid	1000	warning: please enter a integer greater than current price	warning: please enter a integer greater than current price	pass	
35	input valid price, click bid	2000	send the message to back-end	send the message to back-end	pass	

Post-conditions:
The bidding information is sent to the back-end.

Back-end bid item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 36-38	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 29/11/2021
Module Name: Bid Item	Test Executed by: Yannan Fei
Test Title: Back-end bid item testing	Test Execution date: 01/12/2021
Description: The back-end should make sure the price is greater than the current price, and smaller than the user's balance.	
Objective: To ensure the back-end handles bidding correctly.	
Pre-conditions: The bidding information is sent to the back-end.	

Step (test case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
36	receive a integer smaller than current price	current:1000 bid: 999	notify: failed, someone just give a higher price	notify: failed, someone just give a higher price	pass	
37	receive a integer greater than current price, but greater than the user's balance	current: 1000 bid: 100000 balance: 10	notify: failed, exceed balance	notify: bid success the price in the database updated	fail	logic problem
38	receive a integer greater than current price, but smaller than the user's balance	current: 1000 bid: 1050 balance: 2000	notify: bid success the price in the database should be updated	notify: bid success the price in the database should be updated	pass	

Post-conditions:
The notifu is sent to the front-end.

Integration bid item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 39-41	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 29/11/2021
Module Name: Bid Item	Test Executed by: Yannan Fei
Test Title: Back-end bid item testing	Test Execution date: 02/12/2021
Description: The system should handle the bidding correctly.	
Objective: To ensure the system handles bidding correctly.	
Pre-conditions: The user is on the item page.	

Step (test case)	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
39	input a number greater than the current price, and smaller than balance	current:1000 bid: 2000	success message, the price is updated	the web page went wrong, nothing display on the page, the price in database haven't change	fail	
40	input a integer smaller than current price	current:1000 bid: 999	warning: please enter a integer greater than current price	warning: please enter a integer greater than current price	pass	
41	input a integer greater than current price, but greater than the user's	current: 1000 bid: 100000 balance: 10	notify: failed, exceed balance	notify: failed, exceed balance	pass	

	balance					
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Post-conditions:
The price is updated.

Item display testing

Test Case	
Project Name: Bid Now	
Test Case ID: 42	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Item Display	Test Executed by: Yannan Fei
Test Title: Item display testing	Test Execution date: 28/11/2021
Description: The system should display an item after the user clicks on it. The price should be refreshed automatically.	
Objective: To ensure all details of the item displays correctly.	
Pre-conditions: The user is logged in.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click item1	bidnow/item01	redirect to the item page successfully, all information of the item is correct	redirect to the item page successfully, all information of the item is correct	pass	
2	login another account on another browser, bid on this item	bidnow/item01	the price in the first user's page should be refreshed	the price in the first user's page should be refreshed	pass	

3	restart the system, stay logged out, input the website page and enter before login	bidnow/item01	can not access to the item page	can not access to the item page	pass	
4	login then logout, input the website page and enter	bidnow/item01	can not access to the item page	can not access to the item page	pass	

Post-conditions:
The user is in the item detail page.

Search testing

Test Case	
Project Name: Bid Now	
Test Case ID: 43	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Medium	Test Designed date: 26/11/2021
Module Name: Search	Test Executed by: Yannan Fei, Weiyi He
Test Title: Search testing	Test Execution date: 30/11/2021
Description: The back-end should return items that contain the keyword in the item name. The front-end should display the result correctly.	
Objective: Ensure the user can search items using keywords.	
Pre-conditions: The user input a keyword and click search.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	input a keyword and click search	apple	all items on the refreshed main square contains the keyword in its name	all items on the refreshed main square contains the keyword in its name	pass	
2	input a keyword and click search	12	all items on the refreshed main square contains the keyword in its name	all items on the refreshed main square contains the keyword in its name	pass	
3	input a keyword and click search	pen	all items on the refreshed main square contains the keyword in its name	all items on the refreshed main square contains the keyword in its name	pass	
4	input a keyword and click search	yellow pen	all items on the refreshed main square contains the keyword in its name	only names contain "yellow pen" will show, while we want items like "yellow thin pen" also show	fail	multiple keyword searching

Post-conditions:
All items on the refreshed main square should contain the keyword in its name.

Profile display testing

Test Case	
Project Name: Bid Now	
Test Case ID: 44	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021
Module Name: Profile	Test Executed by: Yannan Fei, Weiyi He
Test Title: Profile display testing	Test Execution date: 05/12/2021
Description: After the user clicks the profile button, the system should display the information correctly.	

Objective: Ensure profile information display successfully.	
Pre-conditions: The user clicks on the profile button.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click profile button	user01	information shows successfully	information shows successfully	pass	
2	click transaction bar	user01	information shows successfully	information shows successfully	pass	
3	click product bar	user01	information shows successfully	information shows successfully	pass	
4	input another user's profile directory and enter	bidnow/user02/profile	can not access to the item page	can not access to the item page	pass	
5	logout, input the website page and enter	bidnow/user01/profile	can not access to the item page	can not access to the item page	pass	

Post-conditions:
The user is directed to the profile page.

Balance management testing

Test Case	
Project Name: Bid Now	
Test Case ID: 45	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021
Module Name: Balance Management	Test Executed by: Yannan Fei, Weiyi He
Test Title: Balance management testing	Test Execution date: 28/11/2021
Description:	

The user should be able to add balance to his or her account. The input value should be an integer greater than 0.	
Objective: Make sure the system adds the balance successfully.	
Pre-conditions: The user logged in, went to the profile page.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	input char click add	abc	warning: input should be integer greater than 0	warning: input should be integer greater than 0	pass	
2	input float click add	1.2	warning: input should be integer greater than 0	warning: input should be integer greater than 0	pass	
3	input minus integer click add	-10	warning: input should be integer greater than 0	warning: input should be integer greater than 0	pass	
4	input 0 click add	0	warning: input should be integer greater than 0	warning: input should be integer greater than 0	pass	
5	input valid number click add	1000	notify: success the user's balance should increase by 1000	notify: success the user's balance should increase by 1000	pass	

Post-conditions:
The user's balance increased.

Admin page display testing

Test Case	
Project Name: Bid Now	
Test Case ID: 46	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Low	Test Designed date: 02/12/2021
Module Name: Admin page	Test Executed by: Yannan Fei, Weiyi

	He
Test Title: Admin page display testing	Test Execution date: 06/12/2021
Description: The admin should be able to see items waiting for validate and on auction items.	
Objective: Ensure the system displays all information correctly.	
Pre-conditions: The admin logged in the system.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	refresh the page	/	display all items waiting to be verified	nothing on the page	fail	front-end failed to connect with back-end

Post-conditions:
The admin logged in the system.

Admin verify testing

Test Case	
Project Name: Bid Now	
Test Case ID: 47	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Low	Test Designed date: 26/11/2021
Module Name: Verify	Test Executed by: Yannan Fei, Weiyi He
Test Title: Admin verify testing	Test Execution date: 28/11/2021

Description: The admin should be able to verify unverified items.	
Objective: Ensure the system handles verifications correctly.	
Pre-conditions: The admin logged in the system. Item02 is unverified.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click verify	/	notification: verified successfully the auction is on-going the status of the item changes in database	the system give no reaction	fail	front-end failed to connect with back-end

Post-conditions:
Item02 is verified.

Admin end auction testing

Test Case	
Project Name: Bid Now	
Test Case ID: 48	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): Low	Test Designed date: 28/11/2021
Module Name: End Auction	Test Executed by: Yannan Fei, Weiyi He
Test Title: Admin end auction testing	Test Execution date: 28/11/2021
Description: The admin should be able to end	

an on-going auction.	
Objective: Ensure the system handles end auction correctly.	
Pre-conditions: The admin logged in the system. Item02 is on auction.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click end auction	/	notification:success the auction is end the status of the item changes in database the balance of user who bid this item should be decrease by the current price	notification:success the auction is end the status of the item changes in database the balance of user who bid this item not decrease by the current price	fail	logic, user balance

Post-conditions:
Item02 is sold successfully.

Acceptance register testing

Test Case	
Project Name: Bid Now	
Test Case ID: 50	Test Designed by: Leyi Guo, Xinyao Wang
Test Priority (Low/Medium/High): High	Test Designed date: 25/11/2021
Module Name: Register	Test Executed by: Yannan Fei, Weiyi He
Test Title: Acceptance register testing	Test Execution date: 26/11/2021
Description: Integration test of register. Make sure the user can register	

successfully.	
Objective: Ensure the system handles the register successfully.	
Pre-conditions: The user enters the system.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click on register new account	/	the user is directed to register	the user is directed to register	pass	
2	input email email valid, not in db	registertest@gmail.com	input successfully	input successfully	pass	
3	input username, username not in db	registertest	input successfully	input successfully	pass	
4	input password, password with int and char	1234ab	input successfully	input successfully	pass	
5	input password2, password2 match password1	1234ab	input successfully	input successfully	pass	
6	click register	/	register successfully, direct to login page the user can be found in the database	register successfully, direct to login page the user can be found in the database	pass	

Post-conditions:
The user is registered successfully. We can find the user in the database.

Acceptance login testing

Test Case	
Project Name: Bid Now	
Test Case ID: 51	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): High	Test Designed date: 25/11/2021

Module Name: Login	Test Executed by: Yannan Fei
Test Title: Acceptance login testing	Test Execution date: 27/11/2021
Description: The user should be able to login with a valid username and password. If not, warnings will appear.	
Objective: Ensure a valid user can login successfully.	
Pre-conditions: The two blanks on the webpage are empty.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Input user name already in database	U: user01	Input successfully	Input successfully	pass	
2	Input password already in database	P: 1234asd	Input successfully	Input successfully	pass	
3	Click login	/	Login successfully, directed to main square page	Login successfully, directed to main square page	pass	

Post-conditions:
The blanks are filled successfully. The user will be directed to the main square page.

Acceptance post item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 52	Test Designed by: Yannan Fei, Leyi Guo
Test Priority (Low/Medium/High): Medium	Test Designed date: 25/11/2021

Module Name: Post Item	Test Executed by: Yannan Fei
Test Title: Acceptance post item testing	Test Execution date: 01/12/2021
Description: The user should be able to post an item.	
Objective: Ensure the post item function works well in the system.	
Pre-conditions: The user logged in.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click post item	/	directed to post item page	directed to post item page	pass	
2	input IN	book	input successfully	input successfully	pass	
3	select a picture	book.jpg	input successfully	input successfully	pass	
4	input a description	A book	input successfully	input successfully	pass	
5	input a upset price	10	input successfully	input successfully	pass	
6	click post item	/	receive success message the item can be found in the database	receive success message the item can be found in the database	pass	

Post-conditions:
The blanks are filled successfully, the information will be stored in the database.

Acceptance bidding and payment testing

Test Case	
Project Name: Bid Now	
Test Case ID: 53	Test Designed by: Leyi Guo

Test Priority (Low/Medium/High): Medium	Test Designed date: 25/11/2021
Module Name: Bid Item	Test Executed by: Yannan Fei
Test Title: Acceptance bidding and payment testing	Test Execution date: 02/12/2021
Description: The system should handle the bidding correctly.	
Objective: To ensure the system handles bidding correctly.	
Pre-conditions: The user is on the item page.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	input a number greater than the current price, and smaller than balance	current:1000 bid: 2000	Input successfully	Input successfully	pass	
2	Click bid button	/	success message, the price is updated in the database	success message, the price is updated in the database	pass	
3	End the auction	admin01	Auction end success, the balance of user01 should decrease by 2000	Auction end success, the balance of user01 should decrease by 2000	pass	

Post-conditions:
The price is updated in the database.

Acceptance verifying an item testing

Test Case	
Project Name: Bid Now	
Test Case ID: 54	Test Designed by: Leyi Guo

Test Priority (Low/Medium/High): Low	Test Designed date: 25/11/2021
Module Name: Verify	Test Executed by: Yannan Fei
Test Title: Acceptance verifying an item testing	Test Execution date: 02/12/2021
Description: The admin should be able to verify unverified items.	
Objective: Ensure the system handles verifications correctly.	
Pre-conditions: The admin logged in the system. Item02 is unverified.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click verify	/	notification: verified successfully the auction is on-going the status of the item changes in database	notification: verified successfully the auction is on-going the status of the item changes in database	pass	

Post-conditions:
Item02 is verified.

Acceptance edit profile testing

Test Case	
Project Name: Bid Now	
Test Case ID: 55	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 25/11/2021
Module Name: Balance	Test Executed by: Yannan Fei

Management	
Test Title: Acceptance edit profile testing	Test Execution date: 28/11/2021
Description: The user should be able to add balance to his or her account.	
Objective: Make sure the system adds the balance successfully.	
Pre-conditions: The user logged in.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click add balance button	/	box appears	box appears	pass	
2	input valid number click add	1000	notify: success the user's balance should increase by 1000	notify: success the user's balance should increase by 1000	pass	

Post-conditions:
The user's balance increased.

Acceptance view all items testing

Test Case	
Project Name: Bid Now	
Test Case ID: 56	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): High	Test Designed date: 25/11/2021
Module Name: Main Square Display, Item Display, Search	Test Executed by: Yannan Fei
Test Title: Acceptance view all items testing	Test Execution date: 05/12/2021

Description: The user should be able to see products after login on the main square. The user should view the details of each product after clicking on it.	
Objective: Ensure the main square page is showing products successfully.	
Pre-conditions: The user opened the webpage.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	login	user01 1234ab	Direct to the main square page display main square successfully	Direct to the main square page display main square successfully	pass	
2	Click on item01	/	display detail of the item correctly	display detail of the item correctly	pass	
3	Search for keyword	pen	Display all items including the key word pen successfully	Display all items including the key word pen successfully	pass	

Post-conditions:
The information of items are displayed correctly.

Acceptance view my items testing

Test Case	
Project Name: Bid Now	
Test Case ID: 57	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 25/11/2021
Module Name: Profile	Test Executed by: Yannan Fei
Test Title: Acceptance view my items testing	Test Execution date: 05/12/2021

Description: After the user clicks the profile button, the system should display the information correctly.	
Objective: Ensure profile information display successfully.	
Pre-conditions: The user clicks on the profile button.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click product bar	user01	information shows successfully	information shows successfully	pass	

Post-conditions:
The user is directed to the profile page.

Acceptance view my transactions

Test Case	
Project Name: Bid Now	
Test Case ID: 58	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 25/11/2021
Module Name: Profile	Test Executed by: Yannan Fei
Test Title: Acceptance view my transactions	Test Execution date: 06/12/2021
Description: After the user clicks the profile button, the system should display the information correctly.	

Objective: Ensure profile information display successfully.	
Pre-conditions: The user clicks on the profile button.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	click transaction bar	user01	information shows successfully	information shows successfully	pass	

Post-conditions:
The user is directed to the profile page.

Acceptance search for all transactions testing

Test Case	
Project Name: Bid Now	
Test Case ID: 59	Test Designed by: Leyi Guo
Test Priority (Low/Medium/High): Low	Test Designed date: 25/11/2021
Module Name: Admin	Test Executed by: Yannan Fei
Test Title: Acceptance search for all transactions testing	Test Execution date: 06/12/2021
Description: The admin should be able to search for transactions based on transactionID, seller, user, price.	
Objective: The system handles transactions searching correctly.	
Pre-conditions: The admin logged in.	

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Input a transactionID, click search	1000	information shows successfully	information shows successfully	pass	
2	Input a seller, click search	user01	information shows successfully	information shows successfully	pass	
3	Input a user, click search	user01	information shows successfully	information shows successfully	pass	
4	Input a price, click search	2000	can not access to the item page	can not access to the item page	pass	

Post-conditions:
The user is directed to the profile page.