

Test case plan						
ID#	Functionality	Scenario	Steps to be Executed	Actual Result	Pass/Fail Nexus 7	Comments
1	Startup	App loads	After tapping on app icon app, homescreen loads	App opens successfully and displays Login Screen	Pass	
2	Startup	App loads	The items with their respective image and title pop up	Some images are too high resolution so they take longer to load, while others load immediately	N/A	Mostly passed
3	Startup	App loads	The user can see the navigation bar including home, favorites, and profile	The nav bar pops up as the home page loads, there is no delay and they are clearly visible	Pass	
4	Interface	Swiping left	The user can swipe left on an item they don't like	The user is able to swipe left, and the item gets discarded	Pass	
5	Interface	Swiping right	The user can swipe right on an item they like	The user is able to swipe right, and the item gets saved	Pass	
6	Interface	Swiping up disabled	The user swipes up on an item	It swipes up and gets discarded, no restriction	Fail	
7	Interface	Swiping down disabled	The user swipes down on an item	It swipes down and gets discarded, no restriction	Fail	
8	Interface	Access favorites page	The user can select the favorites page and it loads	It gets loaded	Pass	
9	Interface	Access profile page	The user can select the profile page and it loads	It gets loaded	Pass	
10	Functionality	Favorites page	The user sees the list of items they swiped right on	The user sees the list accurately	Pass	
11	Functionality	Data OFF	The user accesses the app when the data is off	The app loads	Pass	
12	Functionality	Wifi OFF	The user accesses the app when the wifi is off	The app loads	Pass	
13	Functionality	Data and Wifi OFF error	The user accesses the app when the wifi and data is off	The app screen is red and there is a flutter error	Fail	
14	Interface	Favorites page extension	The users select an item they favorited and see the name, price, and contact information of the item	The user sees the image and the details of the item accurately	Pass	
15	Interface	Favorites page feature	The user hits the delete button to remove a liked item from their list	The item immediately gets removed from the favorites page	Pass	
16	Interface	Favorites page feature	The user accidentally hits delete on an item when they didn't mean to	There is no way to get the item back, no undo button	Fail	
17	Functionality	Homepage refresh	The user goes back to the homepage and sees a fresh feed of items	The user sees the same lineup of items as before, refreshes from the start of the list	Fail	
18	Functionality	Swiping left function	The user swipes left on an item and doesn't see it again	After running through the current list, it starts back from the original list, without caring about what you liked or disliked	Fail	
19	Functionality	Swiping left fix	The user swipes left and they didn't mean to so they can get it back	The user can't get it back and has to wait to go through the whole list and come back to it	Fail	
20	Interface	Upload	The user clicks the upload button on the profile page and it redirects them to the page	The upload button takes them to the next page	Pass	
21	Interface	Upload Image	The user can upload an image	The user can select an image from their camera roll to upload	Pass	
22	Functionality	Take a picture to upload	The user can take a picture in the app to upload	There is no option to take a picture, it has to be one that's already taken in your camera roll	Fail	
23	Functionality	High Resolution Image	The user can't upload an image that is too high res., it will take too long to load in the homepage	There is no restriction, a user can upload any resolution image	Fail	
24	Functionality	Low Resolution Image	The user can't upload an image that is too low res., it will be too blurry in the homepage	There is no restriction, a user can upload any resolution image	Fail	
25	Functionality	Multiple pictures	The user can upload multiple pictures, showing multiple angles of their item	There is no features that allows for multiple pictures, only one is accepted	Fail	
26	Interface	Name	The user can input the title of their item	The user is able to type in the title of their item in the respective box	Pass	
27	Interface	Price	The user can input the desired selling price of the item	The user is able to type in the price of the item they are uploading	Pass	
28	Interface	Price restriction	The user cannot input a letter/word in the section for price	an invalid character type error pops up when trying to input letters in the section for price	Pass	
29	Interface	Size	The user can select the clothing size of what they're uploading	The user can select from a dropdown menu what size the item they are uploading is	Pass	
30	Interface	Size Exception	If the user is uploading shoes, there is a separate dropdown list for shoe sizings	There is no separate dropdown, shoe sizes are not included, they would have to be specified in the box designated for description so others would know	Pass	
31	Interface	Vertical orientation	Rotate the device to vertical orientation	The app adjusts and maintains a usable interface in vertical orientation	Pass	
32	Interface	Horizontal orientation	Rotate the device to horizontal orientation	The app adjusts and maintains a usable interface in horizontal orientation	N/A	Everything works besides the home page
33	Interface	Return to refresh	The user clicks off the homepage and then returns to refresh the order of content	The homepage refreshes and restarts the set of items	Pass	

34	Interface	Item details back navigation	The user views an item's details and then navigates back to the previous page	The user is taken back to the homepage without any issues	Pass	
35	Performance	App responsiveness under heavy load	The app functions at standard levels of efficiency when holding a large quantity of items	The app remains responsive and performs without noticeable lag	Pass	
36	Performance	Memory usage	Monitor the app's memory usage during extended use	The app maintains stable memory usage without causing system instability	Pass	
37	Performance	Battery consumption	Monitor the app's battery consumption during extended use	The app's battery consumption is within acceptable limits	Pass	
38	Interface	Dark mode compatibility	Enable dark mode on the device and open the app	The app interface adjusts to dark mode, ensuring readability and visual appeal	Fail	
39	Interface	Font size adjustment	Increase the device's font size through accessibility settings and open the app	The app interface adjusts to larger font sizes without layout issues	N/A	Everything works besides the home page
40	Interface	Page Navigation	The user can seamlessly navigate between the four main pages of the app (home, favorites, details, upload) efficiently without issue	The user can navigate without issue	Pass	
41	Interface	Language support	Change the device's language setting and open the app	The app displays text in the selected language without layout issues	Fail	
42	Interface	Accessibility - Screen reader	Enable the screen reader on the device and navigate through the app	The screen reader correctly reads out all the UI elements and navigation actions	N/A	
43	Interface	Button responsiveness	Tap various buttons throughout the app	All buttons respond immediately to user input without delay	Pass	
44	Interface	Loading indicators	Perform an action that requires loading data (e.g., accessing photos to upload)	A loading indicator is displayed until the data is fully loaded	Pass	Loading indicator is preprogrammed by the device
45	Interface	Scrollable lists	Scroll through favorites lists	The lists scroll smoothly without lag or jitter	Pass	
46	Interface	Coverion to scrollable list	Add a sufficient amount of favorited items to the list and see if the display becomes scrollable	Adding a greater quantity of items to the list makes the favorites list scrollable	Pass	
47	Interface	Image zoom	Pinch to zoom in on an image within the app	The image zooms in and out smoothly	Fail	
48	Interface	Consistent navigation bar	Navigate through different pages of the app	The navigation bar remains visible and functional on all pages	Pass	
49	Functionality	Input field validation	Enter invalid data into input fields (Upload page)	The app validates the input and displays appropriate error messages	Pass	
50	Interface	Touch feedback	Tap on various interactive elements (ex. buttons)	The app provides visual feedback for touch actions like buttons	Pass	
51	Functionality	Favorites page without saved favorites	Go right to the favorites page without swiping right on any items - there should not be any saved items and a message should display	There are no items in the list and the message displays "no favorites yet"	Pass	
52	Functionality	Filter capability	Activate a function that allows for items to be filtered by type	There is no filter capability as it hasn't been implemented in the first iteration	Fail	
53	Functionality	Data can be modified in Firebase	Edit field data on Firebase and relaunch app	Edited data is loaded properly	Pass	
54	Functionality	Payment system	Complete a purchase through the app	There is no implemented payment system built in to the app	Fail	
55	Interface	Visual log of uploaded items	On the profile page, a visual record of the user's "inventory"	This feature has not yet been implemented into the app	Fail	
56	Functionality	Incorrect data type passed to Firebase	Enter letters as price	Price is set to \$0	Fail	
57	Functionality	Chat feature	Message a seller through the app	This feature has not yet been implemented into the app	Fail	
58	Functionality	Transaction history	View past transactions in the user's profile	This feature has not yet been implemented into the app	Fail	
59	Functionality	Push notification interaction	Receive a push notification and tap on it	This feature has not yet been implemented into the app	Fail	
60	Interface	Onboarding tutorial	Install the app for the first time and launch it - The app displays an onboarding tutorial for new users	This feature has not yet been implemented into the app	Fail	