

Lendr

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Defect Log - Sprint 2

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Design Inspection Defect Log

Product	Lendr Design Inspection		
Date	October 10th, 2017		
Author	Rahul Pai, Devaunsh Sambhav		
Moderator	Aditya Dhingra, Shreyaansh Baasi, Yash Shiroya, Rahul Pai, Devaunsh Sambhav		
Inspectors	Aditya Dhingra, Yash Shiroya, Shreyaansh Baasi		
Recorder	Rahul Pai, Devaunsh Sambhav		
Defect #	Description	Severity	How Corrected
1	Pictures were being saved as part of the description and then rendered in the description box rather than as a separate entity	2	Added column to items table to save a picture along with description of item (item_picture)
2	Users are not being notified when the items that were rented are available again, as there is no indication of what Users were interested in the items.	2	Keep a list of users that clicked the “Interested” button and notify all of them at once.
3	“Rent” button needs to be changed to something else to inform Users that the item is not currently available	1	Change button text to “Interested” when “rent” key is true
4	Push notifications for users who are potential buyers of items and for users need to return rented items need to be enabled	1	Send an email to all interested users when item status changes from “interested” to “rent”
5	Have to keep checking the item to see if it is for rent or still not back from being rented. Makes it hard to send the push notifications.	3	Have the user whom the item belongs to update the item status instead, and check the item status only on updates.
6	User update information and database does not save information on update	3	Query the item description and completely change the item description to the new item

			description
7	User can put any status they want without restrictions which makes it hard to check on update and send the push notifications to users.	1	Make status for items a drop-down menu with three options, rent, waitlist, or sell

Code Inspection Defect Log

Product	Lendr Code Inspection Defect Inspection		
Date	October 11th, 2017		
Author	Rahul Pai, Devaunsh Sambhav		
Moderator	Aditya Dhingra, Shreyaansh Baasi, Yash Shiroya, Rahul Pai, Devaunsh Sambhav		
Inspectors	Aditya Dhingra, Yash Shiroya, Shreyaansh Baasi		
Recorder	Rahul Pai, Devaunsh Sambhav		
Defect #	Description	Severity	How Corrected
1	Picture shows up underneath the description and in the incorrect size. Users may be unable to see.	3	Resized all pictures after separating it from the description completely and made sure to put it next to the title and description
2	Pictures sometimes do not render or are the incorrect size so they are blurry.	1	Require that pictures be of a certain size when they are uploaded to the db.
3	Was requiring users to input the item again in order for it to update rather than just allowing for updates	2	Create a way for users to see the items they have posted with a separate page.
4	Incorrect utilization of props throughout the code which caused problems when fetching data from one module to the next when an action occurred.	2	Made sure to send props correctly in the render() function of each js file and in the different divs that we created for each module to ensure data was received.

5	Separate page with user specific items still did not allow for proper updating due to improper requerying of DB	1	Change the button to update and change the item in the database on each update but only on the updates
6	Push notifications were not sending because emails were not properly being saved and retrieved from DB, due to taking input from user for email.	2	Instead we decided to just take the user email on sign up, from their gmail. That way we can send notifications through gmail.
7	Items were not being distinguished between for rent and for purchase.	1	Need to make sure that when the items are being posted they are being posted as either rented or bought. Changed the to a drop down of rent, purchase, or waitlist.
8	Items were just being posted as for purchase and the button was not changed to waitlist.	1	Make sure every update and only the updates change the button text from waitlist to rent. Change the db and then requery when the update is completed.

Testing Defect Log

Product	Lendr Unit Testing
Date	October 12th, 2017
Author	Rahul Pai

Defect#	Description	Severity	How Corrected
1	When uploading images, only the file path was sent to the firebase object.	2	Had to use Firebase storage to store and get url and send that back to the Firebase object to link the object.
2	When allowing the user to pay for lending an item, upon clicking 'Lend', the button resulted in no action.	1	The issue was the the 'lend button action' was not sent with correct 'type' object in Action. {type, payload} pair. Corrected type, so 'Lend' action is received.
3	Once the Lend button action was fixed, the lend object in the react app was modified but the firebase 'item' object was unchanged	2	The lend action makes the firebase object call and now the app's lend object is sent to database
4	Venmo service for users to pay rent	2	Venmo cannot be used as developer access has been revoked for the Venmo web API for all users.
5	When adding an item to the waitlist, the item doesn't show up in users' waitlist	3	Created a new Firebase database entry for waitlisted users unique to each item.
6	When item is available to rent, users on the waitlist do not get notified.	2	Send out email notifications to the user as soon as a user entry gets off the items' waitlist.
7	After 'Lend' action has been triggered, item flag showing 'item taken' was not updated	1	The item's id is not sent correctly in lend action 'payload'. Corrected 'payload' object.