Test Planner and Tracker

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Test No. ID	Related Systems / User Story	Pre-conditions	Test Description (steps)	Expected Outcome	R1 Outcome (color code cell background)	R2 beta Outcome (color code cell background)	R2 Outcome (color code cell background)
1	Registration	User opens the application website.	The user enters the mandatory fields and submits	The user is registered.	GREEN		
2	Registration	User opens the application website.	The user does not enter a mandatory field.	The user is requested to enter the mandatory field.	GREEN		
3	Registration	User opens the application website.	The user enters non-matching passwords.	The system notifies the user of the non matching password.	GREEN		
4	Registration	User opens the application website.	The user enters an already existing username.	The user is requested to enter a new username.	GREEN		
5	Registration approval	Test case 1 completed	The admin verifies the user details.	The admin approves the user registration for the respective sharezone.	RED		
6	User - Logs in	Test case 1 completed Test case 2 completed	The user enters the correct login information.	The user is allowed to access the tool share application after successful login.	GREEN		
7	User - Logs in	Test case 1 completed Test case 2 completed	The user enters an invalid username/password	The user is requested to enter a correct username/password pair.	GREEN		
8	User - Logs Out	Test case 1 completed Test case 2 completed	The user clicks on the logout option.	The user details are saved and the user session ends.	GREEN		
9	Account Management - Change Personal Information	Test Case 6 completed	The user updates his personal information by entering new values in the fields and clicks save changes	The updated information is stored into the database and changes are reflected.	RED		
10	Account Management- Change Personal Information	Test Case 6 completed	The user leaves one or more fields blank.	The user gets a notification to enter the missing data.	RED		
11	Account Management- Change Personal Information	Test Case 6 completed	The user clicks the cancel option after updating the data in the field	The changes are not updated to the database and the old values are retained	RED		
12	Account Management- Change Personal Information	Test Case 6 completed	The user navigates to a different page after entering the information to the data field.	No changes are made to the database and the previous values are retained.	RED		
13	Account Management-Change user preferences	Test Case 6 completed	The user updates his personal preferences such as notification reminder frequency and pickup arrangements and saves the changes.	The changes are made in the database accordingly.	RED		
14	Account Management-Change user preferences	Test Case 6 completed	The user user enters an invalid data in the field	The system notifies the user about the invalid data and does not update the change	RED		
15	Account Deactivation	Test Case 6 completed	The user clicks on the deactivate account option.	The system requests the user to enter his/her password to continue the operation.	RED		
16	Account Deactivation	Test Case 6 completed	The user enters his/her password and clicks on continue for deactivation of his/her account.	The system notifies the user about his/her account deactivation.	RED		
17	Account Deactivation	Test Case 6 completed	The user enters the wrong password.	The system notifies the user about the invalid password.	GREEN		

#	Feature	Preconditions	Action	Expected Result	Status		
18	Community Shed- Creation	Test Case 6 completed	The administrator creates a Community Shed in a Share Zone where there is none.	The system creates the Community Shed successfully and sets the Admin as the Coordinator.	🟥		
19	Community Shed- Creation	Test Case 6 completed	The administrator tries to create a Communtiy Shed in a Share Zone where there is already one.	The system notifies the administrator that there is an existing Community Shed pertaining to that Share Zone and does not create another Community Shed.	🟥		
20	Community Shed- Creation	Test Case 6 completed	The user tries to create a Community Shed in a Share Zone	The system does not let users create Community Sheds unless they are made administrators.	🟥		
21	Tool Management – Registration	Test Case 6 completed	The user registers the tool to share.	The tool details associated with this user are saved in the database.	🟩		
22	Tool Management – Registration	Test Case 6 completed	The user leaves one or more fields blank.	The system notifies the user to fill the mandatory fields.	🟩		
23	Sharing – From Home	Test Case 6 completed Test Case 23 completed	The user updates the home as the address of the tool.	The system notitifes the shed coordinator of this and waits for his/her approval. In the meantime, the tool is still listed as present in the Shed.	🟥		
24	Approving - Sharing From Home	Test Case 6 completed Test Case 23 completed	The shed coordinator Approves the request of the user.	The tool's location is updated to Home.	🟥		
25	Approving - Sharing From Home	Test Case 6 completed Test Case 23 completed	The shed coordinator Rejects the request of the user.	The tool's location remains unchanged.	🟥		
26	Sharing – From Community Shed	Test Case 6 completed Test Case 23 completed	The user selects/updates the Community Shed as the address of the tool.	The system notifies the shed coordinator of this and waits for his/her approval. In the meantime, the tool is listed as present in the old location.	🟥		
27	Approving - Sharing From Community Shed	Test Case 6 completed Test Case 23 completed	The shed coordinator Approves the request of the user.	The tool's location is updated to community shed.	🟥		
28	Approving - Sharing From Community Shed	Test Case 6 completed Test Case 23 completed	The shed coordinator Rejects the request of the user.	The tool's location remains unchanged.	🟥		
29	Community Shed - Change Tool Status	Test Case 6 completed Test Case 23 completed	The shed coordinator updates the status of the tool.	The system saves the new status of the tool.	🟥		
30	Sharing – Change Tool Location	Test Case 6 completed Test Case 23 completed	The user provides a different address for the location of the tool.	The address of the tool is replaced with the new address.	🟥		
31	Sharing – Change Tool Availability	Test Case 6 completed Test Case 23 completed	The user changes the availability of the tool.	The system changes the availability of the tool accordingly.	🟥		
32	Sharing – Approving a Borrowing Request	Test Case 6 completed	The user requests to borrow a tool from tool owner. Tool owner approves the request.	The system notifies the user about the tool owner's decison. It updates the tool's availability accordingly.	🟩		
33	Sharing – Approving a Borrowing Request	Test Case 6 completed	The user request to borrow a tool from tool owner. Tool owner rejects the request.	The system notifies the user about the tool owner's decison. The tool's availability remains unchanged.	🟩		

34	Tool Listing – Availability	Test Case 6 completed	The user selects the option for tool listing.	The system will show a list of all tools the same share zone as the user.	RED		
35	Tool Listing – Availability	Test Case 6 completed	The user selects the option for tool listing in another share zone.	The system will show a message that a list of tool can only be seen by its users.	RED		
36	Borrowing - Request	Test Case 6 completed	The user requests a tool for a particular time frame. The system validates the availability of the tool and the tool is available.	The system allows the user to enter a message and request for the tool.	RED		
37	Borrowing - Request	Test Case 6 completed	The user requests a tool for a particular time frame. The system validates the availability of the tool and the tool is available with the owner.	The system generates a notification for the tool owner to approve the request.	GREEN		
38	Borrowing - Request	Test Case 6 completed	The tool owner rejects the user's request.	The user is notified with an appropriate reasoning for the rejection.	GREEN		
39	Borrowing - Request	Test Case 6 completed	The user requests a tool that is present in the community shed.	The user request is automatically approved.	RED		
40	Borrowing - Request	Test Case 6 completed	The tool owner approves the user's request.	The user is notified about the approval.	GREEN		
41	Borrowing - Request	Test Case 6 completed	The tool owner approves the user's request.	The system updates the tool status to reserved for the approved timeframe.	GREEN		
42	Borrowing – Arrangements	Test Case 6 completed	The owner displays a message regarding the pick up for the tool.	The system should display the pickup arrangment for the tool.	RED		
43	Borrowing - Returning	Test Case 6 completed	The borrower returns the tool at requested return date to the owner. S/he marks the tool as returned in the system.	The system notifies the owner that the borrower has marked the tool as returned.	RED		
44	Borrowing - Returning	Test Case 6 completed	The borrower fills out a form to specifiy the condition of the tool upon its return.	The system notifies the owner of the form that the borrower filled out.	RED		
45	Borrowing - Returning	Test Case 6 completed	The owner acknowledges the return of the tool.	The system updates the availability of the tool.	RED		
46	Borrowing - Returning	Test Case 6 completed	The owner does not acknolwedge the return of the tool.	The system notifies the borrower of this. The system does not change the availability of the tool.	RED		
47	Borrowing - Returning	Test Case 6 completed	The owner accepts the quality form from the borrower.	The system saves and publishes the quality of the returned tool.	RED		
48	Borrowing - Returning	Test Case 6 completed	The owner does not accaept the quality form and makes changes to it.	The system overrides the form provided by the borrower and publishes the one by the owner.	RED		
49	Borrowing - Returning	Test Case 6 completed	The system updates the tool status.	The tool status is updated to available.	RED		
50	Borrowing - Returning	Test Case 6 completed	The borrower returns the tool at requested return date to the community shed.	The community shed coordiantor updates the status to returned.	RED		
51	Borrowing - Returning	Test Case 6 completed	The system updates the tool status.	The tool status is updated to available.	RED		
52	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner deactivates the tool through deactivation option	The system will change the tool status to unavailable to share.	RED		

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53	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner reactivates unavailable tool to share through reactivation option	The system will change the tool status to available to share.	🟥		
54	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner tries to deactivate a tool that has been borrowed by a user.	The system will not allow the tool owner to deactivate the tool.	🟥		
55	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner deactivates or reactivate a tool that had been previously reserved by a user.	The system will notify the user who reserved the tool about the deactivation or activation of the tool.	🟥		
56	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner tries to activate a tool that is already active.	The system will not give tool owner the option to activate an already active tool.	🟥		
57	Tool Management – Deactivation and Reactivation	Test Case 6 completed Test Case 23 completed	Tool owner tries to deactivate a tool that is already inactive.	The system will not give tool owner the option to deactivate the tool.	🟥		
58	Tool Management – Status	Test Case 6 completed Test Case 23 completed	Tool owner selects the option to view the tool s/he owns with their status.	The system will provide a list of the stored tool that s/he owns.	🟩		
59	Community Statistics	Test Case 6 completed	The user selects the option for community statistics.	The system provide a statistical report with different activities for the same share zone as the user.	🟥		
60	Community Statistics	Test Case 6 completed	The user tries to view community statistics for a share zone that is not associated with the user.	The system will not allow the user to see the reports for sharezones where s/he does not belong.	🟥		
61	Community Statistics	Test Case 6 completed	The user requests a community statistics report for a new share zone that has no activities.	The system will show a message that no activities found.	🟥		
62	Admin - Updates/ Maintains Share Zone	Test Case 6 completed	The administrator of a share zone makes changes to the share zone.	The system updates the changes and notifies affected user in the share zone.	🟥		