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| Sno | Test Case | Input | Expected Output | Actual Output |
| 1 | Authentication | User logs into Equip-me website through gmail authenticated login | If faculty or staff then should redirect them to their respected profile pages else  if another user then it should redirect to a Access Denied page. |  |
| 2 | Spiking | When there is a sudden increase of number of users | The server should not crash and function normally. | This is not blackbox testing  but can be done in black box |
| 3 | Boundary Value Analysis of the number of items one can order and price | In Items 10 (number of items)  and when price is exactly Rs 50000 | The user can order upto maximum of 10 items  At Rs 50000 the same procedure should be followed as for less than Rs 50k |  |
| 4 | Proper Filling of data type in Form | In each field of form the user may put wrong/null data types in various fields | If the data type do not match then it will give an error and the form will not pass |  |
| 5 | Testing on various browsers | The web application will be tested on various browsers | The application should behave the same in each browser |  |
| 6 | Withdrawal of Form after purchase has been done | The user will try to withdraw the form after the purchase has been done | If the purchase has been made then the user cannot withdraw the form |  |
| 7 | Approval and Denial of Form | If the admin approves or rejects the changes should be reflected on the person who has applied for purchase of equipment | Approved/Denied notification to the applicant of the request |  |
| 8 | Testing with Dirty Test cases of Invalid Values | Giving wrong values as input to see what output we get | The values should not be accepted |  |
| 9 | Adding/Removing New members to the list of existing faculty/Staff members | Add or remove members from faculty | On adding/removing members the respected accounts should be removed and any pending requests should automatically be removed and their names should be added/removed from committee |  |
| 10 | Request Withdrawing | Withdrawal of request by faculty | Withdrawal of request should automatically remove all traces of the request from the system and also notify various members involved at that stage of processing |  |
| 11 | Notification sending and deletion |  |  |  |
| 12 | If we are using a project fund,a project name is then a compulsory field | If using project fund--> project name to be added | else form incomplete |  |
| 13 | In a committee all three members should be selected | Selecting committee members | If any name is unspecified form incomplete |  |
| 14 | Trying to give a negative value or strings to cost of a equipment | put a negative value or string value to cost | it should not accept the form |  |
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