Test Record: Photo Service Application

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# Allow stock/inventory control to be maintained

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
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# Allow management to print lists of users and lists of stock

Note: A refresh function for list of users and stock after a change in the database has not been implemented.

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
| Check list of users and stock subtab | 1. Login as an admin 2. Go to List of Users and Stock |  | The text areas should show a list of users and stock details from the database | As Expected | Pass |
| Check list of users after a change of users | 1. Login as admin 2. Add/remove user 3. Go to List of Users | DELETE FROM Client WHERE username= guest | The text area should not be updated | As Expected | Pass |
| Check list of stock after a change of stock | 1. Login as admin 2. Add/remove stock 3. Go to List of Stock | DELETE FROM StockDetails WHERE stockname = Camera Sling Bag | The text area should not be updated | As Expected | Pass |
| Check list of users after a change of stock after restart | 1. Login as admin 2. Add/remove user 3. Restart application 4. Go to List of Users | DELETE FROM Client WHERE username= guest | The text area should be updated | As Expected | Pass |
| Check list of stock after a change of stock after restart | 1. Login as admin 2. Add/remove stock 3. Restart application 4. Go to List of Stock | DELETE FROM StockDetails WHERE stockname = Camera Sling Bag | The text area should be updated | As Expected | Pass |

# Allow the addition and removal of users

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
| Enter empty username on register/settings | 1. Go to register/ settings page 2. Enter nothing on the username field |  | A popup should appear to tell the user to add a username | As Expected | Pass |
| Enter empty password on register | 1. Go to register page 2. Enter nothing on the password field |  | A popup should appear to tell the user to add a password | As Expected | Pass |
| Enter the wrong password on the second password field on register | 1. Go to register page 2. Enter a password for first password field 3. Enter a different password on second field | **First password field**: guest  **Second password field**: guest1 | A popup should appear to tell the user to retype the passwords again | As Expected | Pass |
| Enter an already existing username on register | 1. Go to register page 2. Enter an existing username | guest | A popup should appear to tell the user that the username already exists | As Expected | Pass |
| Enter username and password fields correctly on register | 1. Go to register page 2. Enter a username 3. Enter passwords | **Username field**: guest  **First Password:** random  **Second Password:** random | A popup should appear to tell the user that the account has been created | As Expected | Pass |
| Enter a non-existing username on settings | 1. Go to register page 2. Enter a non-existing username | kebo | A popup should appear to tell the user that the username does not exist | As Expected | Pass |

# Allow management to check overdue accounts

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
| Check Overdue Rentals subtab | 1. Login as an admin 2. Go to List of Users and Stock |  | The text areas should show a list of overdue rentals from the database | As Expected | Pass |
| Check overdue rentals after removing a rental | 1. Go to Return Rental Item 2. Remove a rental 3. Go to List of Users | **Username field:** guest  **Item ID field:** 1 | The text area should not be updated | As Expected | Pass |
| Check overdue rentals after removing a rental after a restart | 1. Go to Return Rental Item 2. Remove a rental 3. Go to List of Users | **Username field:** guest  **Item ID field:** 1 | The text area should be updated | As Expected | Pass |

# Allow users to rent and purchase items/service

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
| RENT: add wanted item to cart | 1. Must be logged in first. 2. Then go to Rentals page 3. Must first Specify price range 4. Chose company of interest 5. Chose item of interest 6. Press the rent button | **Price range field:** 0 – 30  **Company field:** Kitvisionventure  **Item name field:** 720P Action Camera | A pop up window should appear with the message “added to cart”. The item specified should now appear in the rent table of the My Cart page | As Expected | Pass |
| RENT: rent the specified item | 1. Go to My cart page 2. Press “rent item(s)” button |  | A pop up window should appear with message “Your Rent Request was Successful” | As Expected | Pass |
| BUY: add wanted item to cart | 1. Must be logged in first. 2. Then go to Products page 3. Must first Specify price range 4. Chose company of interest 5. Chose item of interest 6. Press the buy button | **Price range field:** 0 – 100  **Company field:** Amazon  **Item name field:** 50-inch Lightweight Camera Mount Tripod Stand  **Quantity field:** 2 | A pop up window should appear with the message “added to cart”.  The item specified should now appear in the buy table of the My Cart page | As Expected | Pass |
| BUY: rent the specified item | 1. Go to My cart page 2. Press “buy item(s)” button |  | A pop up window should appear with message “Your buy Request was Successful” | As Expected | Pass |

# Allow users to return rented/purchased items

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| Test Case Description | Test Steps | Test Data | Expected Results | Actual Results | Pass/Fail |
| Enter empty username on return rented item/return product | 1. Go to Return Rented Item/ Return Product page 2. Enter nothing on the username field |  | A popup should appear to tell the user to add a username | As Expected | Pass |
| Enter empty Item ID on return rented item/return product | 1. Go to Return Rented Item/ Return Product page 2. Enter nothing on the password field |  | A popup should appear to tell the user to add an Item ID | As Expected | Pass |
| Enter a non-existing username on return rented item/return product | 1. Go to Return Rented Item/ Return Product page 2. Enter an non-existing username | kebo | A popup should appear to tell the user that the username does not exist | As Expected | Pass |
| Enter username and Item ID fields correctly on return rented item/return product | 1. Go to Return Rented Item/ Return Product page 2. Enter a username 3. Enter Item ID | **Username field**: guest  **Item ID field:** 1 | A popup should appear to tell the user that the rented item/product has been returned | As Expected | Pass |