Test report

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MONKE

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Test results by case

ID	Name	Pre-condition	Test Data	Result:
1	Login to the application	1. Employee starts the application 2. Employee logs out	User:special password:Special1	- Managed to successfully log in - Password is visible when typing it in, could benefit from adding an option to make it obfuscated
2	Login with invalid credentials	1. Employee starts the application 2. Employee logs out	User: donald Password: duck	- Error message is displayed and the field in which the error occurred is correctly indicated
3	Log out clients application	User must be logged in		- Could not find a specific log out button - When closing the window, user is correctly logged out - When sent back to log-in screen, the last logged in username and password are still displayed. This seems unintentional
4	Add employee	User is a manager	Id:1 Name: John Department: Sales Birthdate:20.03.1977 Bsn:45494949 Phone:+31648974856 Address: Kruisstraat 52 Email: jonn@yahoo.com Username:john022 Password:secret022	- Given ID already exists - Managed to successfully add with a different ID - After adding an employee, the 'add employee' screen stays on with the same information and has to be manually cleared/closed

5	Add employee without filling in all info	User is a manager	d:1 Name: John Department: Sales Birthdate:20.03.1977 Bsn:XXXX Phone:+31648974856 Address:XXXX Email: jonn@yahoo.com Username:john022 Password:secret022	- System displays erros and prevents employee from being added - System notifies about the first error (ID already exists) but does not specify the rest - Attempting to add a user without specifying a department gives a fatal error instead of an error message
6	Searching for an employee	User is a manager	Id:99 Name: special	- Managed to find employee both with searching by name and by ID
7	System finds multiple matches	User is a manager	Id: 100 Name: special	- ID 100 did not exist- - after manually adding managed to successfully display both results when searching for name 'special'
8	Dismissing an employee	Selected user from the list of employees and confirmation via dismiss button.		- Deactivate button successfully marks employee as deactivated - 'Request window for employees dismiss reason' didn't appear.
9	Not selected employee			- Unable to reproduce. System gives a fatal error when not having selected an employee from the list - When clicking on an empty spot in the list (such as after searching for an employee), a fatal error occurs
9	Confirming Dismissal	1.User is a Administrator. inserts the reason and confirms	Reason: Late to work	- Could not get 'Request window for employees dismiss reason' window/prompt to appear

10	Changing employee data	1.User is a manager 2.Administration must search for an employee and select them from a list	Id:1 Name: oi Department: representative Birthdate:23.03.1977 BSN: 123 Phone:316-1234-5678 Address: Kruisstraat 52 Email: oi@yahoo.com Username:oi Password:oi1	- Managed to change employee data successfully - When changing data, even data which was not altered is shown in the message box - Clicking change data without selecting an employee from the list causes a fatal error - When selecting an employee and clicking change data right after opening program, department isn't auto-filled (and will cause a fatal error if left unfilled)
11	Filled in information does not match the system criteria	1.User is a manager 2.User searched for an employee and selected them from a list	Id:1 Name: oi Department: representative Birthdate:23.03.1977 BSN: 123 Phone: Address: Kruisstraat 52 Email: oi@yahoo.com Username:oi Password:oi1	- Error message is correctly displayed - Leaving department blank causes fatal error - When changing phone number, if changing number to a value which doesn't match the given format, it throws an exception and stops the code
12	Assigning shifts	User is a manager Employee selected from the list	John(no shifts) Assigned to morning	- Was able to successfully assign shifts to different employees at different times
13	Employee is already assigned	User is a manager Employee selected from the list	John(assigned to morning) Assigned to morning	- System correctly displays an error message
14	Employee is assigned a discontinuous shift	User is a manager Employee selected from the list	John(assigned to morning) Assigned to evening	- System correctly displays a message that John is already working a morning shift

15	Employee assigned a third shift	User is a manager Employee selected from the list	John(assigned to morning and afternoon) Assigned to evening	- System correctly displays error message
16	Removing an employees shift	User is a manager Employee selected from the schedule list	John(assigned to morning) Removed from morning	- Cannot automatically see shifts for the day, consider loading the lists when the user switches to shift tab - Having something selected in the listboxes of one shift, but nothing selected in either of the other ones gives a fatal error - Managed to successfully remove shifts when selecting one item in each shift listbox
17	Mark attendance	Employee swipes their unique RFID card	Employee swipes card at the correct time	- Attendance is correctly marked
18	Employee too late	Employee swipes their unique RFID card	Employee swipes card after the shift begins	- Error message is correctly displayed
20	View employee statistics	User is a manager		- System correctly displays the employee statistics
21	Adding new product	User is a depot worker	Id: 1 Model: OMEN-15 Brand Name: HP Price: 1000 Description: laptop-description Quantity Warehouse: 10 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- Managed to successfully add product to database with different ID - Successfully got message that ID already exists

22	Product id already in use	User is a depot worker	Id: 1 Model: OMEN-18 Brand Name: HP Price: 1800 Description: laptop-description Quantity Warehouse: 10 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- Successfully got message that ID already exists
23	Filled in information does not match the system criteria	User is a depot worker	Id: 2 Model: OMEN-18 Brand Name: Price: wow Description: laptop-description Quantity Warehouse: 10 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- Successfully prevented from making changes - When price was set as 'wow', error message said 'please select employee' whereas employee was already selected. After changing price from wow to a number, it saved the changes with no error.
24	Permanently removing a product	User is depot worker User selects a product from the list		- Confirmation message correctly displayed - Product removed from database as expected
25	Product state is not unavailable	User is depot worker User selects a product from the list		- Trying to remove active product correctly forbidden - Correct error message displayed

26	Edit a product	User is a depot worker User selected a product from the list	Model: OMEN-18 Brand Name: HP Price: 1800 Description: laptop-description-changed Quantity Warehouse: 20 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- When category is not selected, gives a fatal error - When employee is not selected also gives a fatal error - Otherwise can modify data successfully
27	Filled in information does not match the system criteria	User is a depot worker User selected a product from the list	Model: Brand Name: HP Price: high Description: laptop-description-changed Quantity Warehouse: 20 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- An error message is displayed about input string not being in correct format - Managed to successfully leave brand name as blank (not sure if intended or not)

28	Making a product unavailable	User is a depot worker. User selects a product from the list User presses the deactivate button	Model: OMEN-18 Brand Name: HP Price: 1800 Description: laptop-description-changed Quantity Warehouse: 20 Weight: 10 Height: 10 Width: 10 Depth: 10 Aisle number: 2 Category: gaming Registering employee: bop Shipment Date: 02/10/2020	- Successfully managed to mark product as unavailable
29	Make a stock refill request	User is a sales representative. User selects a product and confirms for a product update	Product: Dell Laptop Quantity: 5	- Managed to successfully make stock refill request once - Sometimes when opening the sales rep tab as the first thing after logging in, the item combo box is blank and you can't select anything. This prevents completion of the other tasks
30	Not selected product			- Message successfully displayed
31	Not selected quantity			- Message successfully displayed
32	Not enough stock products		Product: Dell Laptop Quantity: 5	- Message displayed successfully
33	Accepting product refill request	User is a depot worker User is in request tab	Accept button	- Managed to complete task successfully and was notified

34	Rejecting product refill request	User is a depot worker. User is in request tab	Reject button	- Managed to complete task successfully and was notified
35	View product statistics	User is a depo worker User is a manager		- Average shift per employee and total number of employees displayed correctly - Could not get description and total employee per department to function

Recommendation

The application is robust and all-encompassing, boasting an impressive collection of features. Most of the features worked to a satisfactory degree, but there were some errors here and there that prevented the functioning of the program. Notably, more attention should be paid to empty combo boxes and program would benefit from additional error checking for selected items from lists. It is nice that the lists automatically refresh, but there are some instances where they don't immediately load (especially when first logging in).

In terms of the design, it is to the point and gets the job done, though it could benefit from being more cohesive and consistent (such as the button sizes matching up and aligning elements with each-other more consistently).