Software Solution

Media Bazaar

Test Report

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Client: **Media Bazaar**

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Tester: Group 4

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About the document:

The purpose of this test report is to go through all test cases listed in the test plan and evaluate the results
Tester: Group 4
Date: 22.06.2024

Test Data

Role	Username	Password	Platform
HR Manager	hrManager@gmail.com	password0	Desktop Application
Product Manager	productManager@example.com	password31	Desktop Application
Sales Manager	alice.smith@example.com	password111	Desktop Application
Depot Manager	depoManager@gmail.com	password190	Desktop Application
Depot Worker	depoWorker@gmail.com	password191	Desktop Application

Sales Representative	mary.jones@example.com	password3	Desktop Application
Floor Consultant	michael.clark@example.com	password6	Web Application

Desktop Application - Media Bazaar

Web Application - https://i527531.luna.fhict.nl

Test Cases

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
TC-01	UC-001	User Log-In for desktop application	Actor opens the desktop application	Log in as Sales Manager Input the username and the password for the given roles and press the login button	Successful login, manager menu opens	As expected	
TC-02	UC-001	User Log-In for desktop application - one or more fields are left empty	Actor opens the desktop application	Username: alice.smith@example.com Input the username and press the login button	System displays an error message that not all fields are filled	As expected	
TC-03	UC-001	User Log-In for desktop	Actor opens the desktop application	Username: non.existingUser@example.com password: randomPass	System displays an error message that provided	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		application - non existing user		Input the username and the password for the given roles and press the login button	credentials are incorrect		
TC-04	UC-002	User Log-In for web application	Actor opens web application url link	Log in as Floor Consultant Input the username and the password for the given roles and press the login button	The system allows the actor to use the system	As expected	
TC-05	UC-002	User Log-In for web application - one or more fields are left empty	Actor opens web application url link	Username: alice.smith@example.com Input the username and press the login button	System displays an error message that not all fields are filled	As expected	
TC-06	UC-002	User Log-In for web application - non existing user	Actor opens web application url link	Username: non.existingUser@example.com password: randomPass Input the username and the password for the given roles and press the login button	System displays an error message that provided credentials are incorrect	As expected	
TC-07	UC-002	User Log-In for web application - first log in	Actor opens web application url link	Log in as Floor Consultant Input the username and the password for the given roles and press the login button New password:	The system allows the actor to use the system	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				password 6 Confirmation: password6 Input the new password and confirm it and press the submit button			
TC-08	UC-003	Assigning shift to an employee	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Select the third available employee for second shift for the default date and press the Add button	The system assigns selected employee to the shift	As expected	
TC-09	UC-003	Assigning shift to an employee - different role and date	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Role: Floor Consultant Date: 02/07/2024 Apply the given above changes and select the third available employee for second shift and press the Add button	The system assigns selected employee to the shift	As expected	
TC-10	UC-003	Assigning shift to an employee using the drag and drop functionality	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Select the third available employee for second shift for the default date and drag it from the availability cell to the assigned cell	The system assigns selected employee to the shift	As expected	
TC-11	UC-004	Removing assigned	Actor opens the desktop application and	Log in as Sales Manager Select the third	The system un-assigns selected employee	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		shift for a department employee	navigates to the manage schedule page and then to the planned page	assigned employee for second shift for the default date and press the Remove button	fromm the shift		
TC-12	UC-004	Removing assigned shift to an employee - different role and date	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Role: Floor Consultant Date: 02/07/2024 Apply the given above changes and select the third assigned employee for second shift and press the Remove button	The system un-assigns selected employee from the shift	As expected	
TC-13	UC-005	Automatically generating schedule for a role per department	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Timeframe: Day Role: Cashier Select the provided above timeframe and role filter and press the Generate button Changes to apply: Shift: Second shift Num of employees needed: 5 Apply the changes provided above and press the Save button and then the Yes button	The system generated a day schedule for the selected role considering the applied changes	As expected	
TC-14	UC-005	Automatically generating	Actor opens the desktop application and	Log in as Sales Manager Timeframe: Day	The system generated a day schedule for the	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		schedule for a role per department - default date and role to be used	navigates to the manage schedule page and then to the planned page	Select the provided above timeframe filter and press the Generate button Changes to apply: Shift: Second shift Num of employees needed: 5 Apply the changes provided above and press the Save button and then the Yes button	selected role considering the applied changes		
TC-15	UC-005	Automatically generating schedule for a role per department - default date and role to be used	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Timeframe: Day Select the provided above timeframe filter and press the Generate button When the changes menu opens press the Cancel button	The system generated a day schedule for the selected role	As expected	
TC-16	UC-006	Automatically generating schedule for a whole department	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Timeframe: 4 weeks Select the provided above timeframe filter and press the Generate button Changes to apply: Date: already selected one Shift: Second shift Num of employees needed: 5 Apply the changes provided above and	The system generated a 4 weeks schedule for the selected department considering the applied changes	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				press the Save button and then the Yes button			
TC-17	UC-006	Automatically generating schedule for a whole department - no changes are made	Actor opens the desktop application and navigates to the manage schedule page and then to the planned page	Log in as Sales Manager Timeframe: 4 weeks Select the provided above timeframe filter and press the Generate button When the changes menu opens press the Cancel button	The system generated a 4 weeks schedule for the selected department	As expected	
TC-18	UC-007	Searching for a currently working in department employee's information	Actor opens the desktop application and navigates to the All employees page	Log in as Sales Manager Filtering criteria: 1 Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the second page	The system displays all selected employee's non-sensitive data	As expected	
TC-19	UC-007	Searching for a currently working in department employee's information without providing	Actor opens the desktop application and navigates to the All employees page	Log in as Sales Manager Filtering criteria: Write in the search box provided filtering criteria and press the Search button	System loads first up to ten identified employees	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		filtering criteria					
TC-20	UC-007	Searching for a currently working in department employee's information - non existing user	Actor opens the desktop application and navigates to the All employees page	Log in as Sales Manager Filtering criteria: NonExistingUser Write in the search box provided filtering criteria and press the Search button	System loads no results in the results box	As expected	
TC-21	UC-007	Searching for a currently working in department employee's information - employee is on the first results page	Actor opens the desktop application and navigates to the All employees page	Log in as Sales Manager Filtering criteria: John Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the result	The system displays all selected employee's non-sensitive data	As expected	
TC-22	UC-008	Searching for any currently working employee's information	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: John Write in the search box provided filtering criteria,press the search button and navigate to the	The system displays all selected employee's non-sensitive data	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				second page using the navigation bar below the listed results Select the first employee from the second page			
TC-23	UC-008	Searching for any currently working manager's information	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: John Role: Manager Select the manager role and write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the second page	The system displays all selected employee's non-sensitive data	As expected	
TC-24	UC-008	Searching for any currently working employee's information - without providing filtering criteria	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: Write in the search box provided filtering criteria and press the Search button	System loads first up to ten identified employees	As expected	
TC-25	UC-008	Searching for any	Actor opens the desktop application and	Log in as HR Manager Filtering criteria:	System loads no results in the results box	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		currently working employee's information - non-existing user	navigates to the All employees page	NonExistingUser Write in the search box provided filtering criteria and press the Search button			
TC-26	UC-008	Searching for any currently working employee's information - employee is on the first results page	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: John Write in the search box provided filtering criteria, press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the results	The system displays all selected employee's non-sensitive data	As expected	
TC-27	UC-009	Searching for a no longer working in the company employee's information	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Filtering criteria: Linda Write in the search box provided filtering criteria, press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the second page	The system displays all selected employee's non-sensitive data	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
TC-28	UC-009	Searching for a no longer working in the company employee's information - without providing filtering criteria	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Filtering criteria: Write in the search box provided filtering criteria and press the Search button	System loads first up to ten identified employees	As expected	
TC-29	UC-009	Searching for a no longer working in the company employee's information - non-existing user	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Filtering criteria: NonExistingUser Write in the search box provided filtering criteria and press the Search button	System loads no results in the results box	As expected	
TC-30	UC-009	Searching for a no longer working in the company employee's information - employee is on the first	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Filtering criteria: Linda Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first	The system displays all selected employee's non-sensitive data	As expected	

ID	UC	Name	Pre-con dition	Test data	Expected result	Actual result	Recommen dations
		results page		employee from the results			
TC-3 1	UC-010	Adding a new employee	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Email: test@gmail.com First Name: Test Last Name: TestLast Phone Number: +359878765483 Gender: Male Department: Sales Role: Floor_Consultant Floor: 2 Wage: 1400 Input the provided data above in the corresponding fields and press the button Add Employee Select the first employee from the results	System adds new employee to the system	As expected	
TC-3 2	UC-010	Adding a new employee - one or more fields are left empty	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Email: test@gmail.com First Name: Test Last Name: TestLast Gender: Male Department: Sales Role: Floor_Consultant Floor: 2 Wage: 1400 Input the provided data above in the corresponding fields and press the button Add Employee	System displays an error message that not all fields are filled and does not add employee	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				Select the first employee from the results			
TC-33	UC-010	Adding a new employee - inputted data does not meet the requirements	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Email: test@gmail.com First Name: Test Last Name: TestLast Phone Number: 359765483 Gender: Male Department: Sales Role: Floor_Consultant Floor: 2 Wage: 1400 Input the provided data above in the corresponding fields and press the button Add Employee Select the first employee from the results	System displays an error message about which input requirements are not met and does not add employee	As expected	
TC-34	UC-011	Removing an employee	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: John Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the second page, press the Remove button	The system removed the selected employee	As expected	

ID	UC	Name	Pre-con dition	Test data	Expected result	Actual result	Recommen dations
				and then confirm the removal			
TC-3 5	UC-011	Removing a manager	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager

Filtering criteria: John
Role: Manager

Select the manager role and write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results

Select the first employee from the second page, press the Remove button and then confirm the removal | The system removed the selected employee | As expected | |
| TC-3 6 | UC-011 | Removing an employee from the first page with results | Actor opens the desktop application and navigates to the All employees page | Log in as HR Manager

Filtering criteria: John

Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results

Select the first employee from the results, press the Remove button and then confirm the | The system removed the selected employee | As expected | |

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				removal			
TC-37	UC-011	Removing an employee without confirming the second confirmation	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Filtering criteria: John Write in the search box provided filtering criteria,press the search button and navigate to the second page using the navigation bar below the listed results Select the first employee from the second page, press the Remove button and then cancel the removal	The system does not remove the selected employee	As expected	
TC-38	UC-012	Rehiring an employee	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Select the first employee from the second page, press the Rehire button and confirm the second confirmation	The system rehires the selected employee	As expected	
TC-39	UC-012	Rehiring an employee from the first page	Actor opens the desktop application and navigates to the Archive page	Log in as HR Manager Select the first employee from the results, press the Rehire button and confirm the second confirmation	The system rehires the selected employee	As expected	
TC-40	UC-012	Rehiring an employee without	Actor opens the desktop application and navigates to the Archive	Log in as HR Manager Select the first employee from the second page, press	The system does not rehire the selected employee	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		confirming the second confirmation	page	the Rehire button and press the Cancel button			
TC-4 1	UC-013	Changing the wage of an employee	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Navigate to the second page using the navigation bar below the listed results, select the first employee and press the button change wage. New wage: 1000 euro Provide the new wage in the corresponding field and press the Update button and confirm the second confirmation	The system updates the selected employee's wage	As expected	
TC-4 2	UC-013	Changing the wage of a manager	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Select the filter for seeing only managers, navigate to the second page using the navigation bar below the listed results, select the first employee and press the button to change wage. New wage: 1000 euro Provide the new wage in the corresponding field	The system updates the selected manager's wage	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				and press the Update button and confirm the second confirmation			
TC-43	UC-013	Changing the wage of an employee from the first page	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Select the first employee and press the change wage button. New wage: 1000 euro Provide the new wage in the corresponding field and press the Update button and confirm the second confirmation	The system updates the selected employee's wage	As expected	
TC-44	UC-013	Changing the wage of an employee without confirming the second confirmation	Actor opens the desktop application and navigates to the All employees page	Log in as HR Manager Navigate to the second page using the navigation bar below the listed results, select the first employee and press the button change wage. New wage: 1000 euro Provide the new wage in the corresponding field and press the Update button and cancel the second confirmation	The system does not update the selected employee's wage	As expected	
TC-44	UC-014	Add a product	Actor opens the desktop application	Log in as Product Manager	The system successfully adds the	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
			and navigates to the manage products page	Press the create product in the bottom left corner of the page,input values in the fields required and press the submit button	product to the database		
TC-45	UC-015	Successfully send products to the store from the depot	Actor opens the desktop application and navigates to the depot page	Log in as Depot Worker\n\nSelect a request from the list on the left side of the page, press the button replenish store stock	The system updates the stock in the store.	As expected	
TC-46	UC-015	Unsuccessfully send products to the store from the depot	Actor opens the desktop application and navigates to the depot page	Log in as Depot Worker\n\nSelect a request from the list on the left side of the page, with a product that doesn't have enough stock in the depot, press the button replenish store stock	The system notifies the user that there is not enough stock for that product.	As expected	
TC-47	UC-016	Send a restocking request to the depot manager	Actor opens the desktop application and navigates to the depot page	Log in as Depot Worker\n\nSelect a product from the list on the right side of the page, press the button request new stock	The system sends the request to the depot manager	As expected	
TC-48	UC-017	Order products from supplier	Actor opens the desktop application and navigates to the manage depot page	Log in as Depot Manager\n\nPress the button to add to cart to add a request to the cart. Then press the check out button to send the order	The system orders products from the suppliers and displays the estimated arrival time	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
TC-49	UC-018	Request products for the store	Actor opens the desktop application and navigates to the manage depot page	Log in as Sales Representative Scan one of the barcodes provided, input the quantity for the request and press the request new stock button	The system sends the request to the depot workers	As expected	
TC-49	UC-019	Modify product information	Actor opens the desktop application and navigates to the modify products page, selects the product "MacBook Air".	Log in as Product Manager Modified data: Product name: MacBook Air Category: Computers Year: 2023 Price: 900 Description: New Laptop	The system updates the product information	As expected	
TC-50	UC-020	Recovering password	Actor opens the desktop application or the url link	username: hrManager@gmail.com Input the provided email and press the Forgot password link. Secret question: What is the name of your first pet? Answer: Jerry Input the provided secret question related information and press the Submit button Password: password0 Input the provided password in the corresponding cell and press the	The system updates the password for the provided user	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
				update button			
TC-5 1	UC-020	Recovering password - invalid email	Actor opens the desktop application or the url link	username: nonExistingEmail@gmail.com Input the provided email and press the Forgot password link.	The system informs that a non-existing email has been provided	As expected	
TC-5 2	UC-020	Recovering password - wrong secret question information is inputted	Actor opens the desktop application or the url link	username: hrManager@gmail.com Input the provided email and press the Forgot password link. Secret question: What is the name of your first pet? Answer: Rockie Input the provided secret question related information and press the Submit button	The system informs that a wrong information for the secret question has been provided	As expected	
TC-5 3	UC-021	Updating account information	Actor navigates to the my account page	Log in as Product Manager Phone number: +786546574 Input the proved new phone number and press the button save	The system updates user's account information	As expected	
TC-5 4	UC-021	Updating account information - inputted	Actor navigates to the my account page	Log in as Product Manager Phone number: 8546574 Input the proved	The system does not update the account information and informs that	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		information does not meet the requirements		new phone number and press the button save	requirements are not met		
TC-55	UC-022	Modify product price	Actor opens the desktop application and navigates to the manage prices page	Log in as Sales Manager Select a product from the list on the left side of the page, press the change price button at the bottom right of the page, modify the price value and submit.	The system updates the price for the product	As expected	
TC-56	UC-023	Successfully request a shift exchange	Actor opens the website link and navigates to the schedule page	Log in as Floor Consultant Select a date that says Working, input a reason in the textbox, and press the request shift change button	The system forwards the request to the manager of the department	As expected	
TC-57	UC-023	Unsuccessfully request a shift exchange	Actor opens the website link and navigates to the schedule page	Log in as Floor Consultant Select a date that says Working, don't input a reason in the textbox, and press the request shift change button	The system notifies the user that a reason has to be provided in order to submit the request	As expected	
TC-58	UC-024	Mark unavailability	Actor opens the website link and navigates to the schedule page	Log in as Floor Consultant Select a date or multiple dates that are green and press submit	The system marks unavailability for the selected days.	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
TC-59	UC-024	Mark availability	Actor opens the website link and navigates to the schedule page	Log in as Floor Consultant Select a date or multiple dates that are green and press submit	The system marks availability for the selected days.	As expected	
TC-60	UC-025	View order history	Actor opens the desktop application and navigates to the manage depot page	Log in as Depot Manager Press the view order history button in the top right corner, select an order	The system displays all the orders and the details of the selected order	As expected	An improvement can be done in terms of colors used. The dominating color is red for all pages and for this one its purple
TC-61	UC-026	Clock in	Actor lunches the clocking app	Enter id as 3 and press enter	The system displays that the actor clocked in	As expected	
TC-62	UC-026	Clock out	Actor lunches the clocking app	Enter id as 3 and press enter Wait five minutes Enter id as 3 and press enter	The system display that the actor is clocked out and how long they worked for	As expected	
TC-63	UC-026	Clock in again too recently	Actor lunches the clocking app	Enter id as 3 and press enter Enter id as 3 and press enter again	The system displays that the actor has just clocked in and cannot do it again	As expected	
TC-64	UC-027	Log out from desktop application	Actor navigates to the menu page	Log in as Product Manager Navigate to the log out icon and press it. Then confirm the second confirmation	The system logs out the logged in user and loads the log in page	As expected	
TC-65	UC-027	Log out from desktop applicatio	Actor navigates to the menu page	Log in as Product Manager Navigate to the log out icon and press it.	The system does not log out the logged in user and loads back	As expected	

ID	UC	Name	Pre-condition	Test data	Expected result	Actual result	Recommendations
		n - actor does not confirm the second confirmation		Then cancel the second confirmation	the menu page		
TC-66	UC-028	Take over a shift	Actor opens the website link and navigates to the schedule page, there is at least one shift request available on the page	Log in as Floor Consultant Press the take shift button on any shift request at the bottom of the page	The system notifies the user that the shift was successfully taken over and adds him to the schedule for the that shift	As expected	

Advice for the client:

Based on the results of our recent testing, we have the following key observations and recommendations:

Usability:

1. The application is highly usable with intuitive navigation and a user-friendly interface.
2. Consider a brief employee and manager training session to ensure users are familiar with all features.
3. App is ready to be deployed.

Performance:

1. The application performs efficiently under typical load conditions.

Security:

1. The application is secure against common threats
2. Sensitive information is secured appropriately