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| **View sales report** | | | | | |
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| **Test Case ID:** | | *1.1* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *1.1* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *View sales report use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Verify that the system displays daily, weekly, and monthly sales reports accurately.* | | | |
| **Product/Ver/Module:** | | *Advanced Analytics Dashboard* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *The system has been populated with accurate sales data for the specified period.*  *The analytics dashboard is accessible and functional.*  *Sales data is categorized accurately by day, week, and month.* | | | |
| **Pre-Requisite:** | | *The user has access rights to view sales reports.*  *The system has a reliable data storage mechanism for sales records.* | | | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Navigate to the analytics dashboard, select the type of report (daily, weekly, monthly), and view the report* | | | *The report should match the sales data for the selected period.* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |

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| **Customize report** | | | | | |
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| **Test Case ID:** | | *1.2* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *1.2* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *Customize report use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Ensure that users can customize reports with specific metrics.* | | | |
| **Product/Ver/Module:** | | *Advanced Analytics Dashboard* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *The system allows users to define specific metrics for customization.*  *Top-selling products and customer demographics are accurately tracked.* | | | |
| **Pre-Requisite:** | | *The system has collected sufficient data on product sales and customer demographics.*  *The report customization interface is functional and intuitive.* | | | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Generate a report including total sales, top-selling products, and customer demographics.* | | | *The report should reflect accurate data for the chosen metrics..* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |

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| **Export report** | | | | | |
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| **Test Case ID:** | | *1.3* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *1.3* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *Export report use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Confirm that reports can be exported in PDF and Excel formats.* | | | |
| **Product/Ver/Module:** | | *Advanced Analytics Dashboard* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *The system supports exporting reports in PDF and Excel formats.*  *Exported files retain the integrity and accuracy of the original report.* | | | |
| **Pre-Requisite:** | | *Users have permission to export reports.*  *The system has the necessary libraries or tools to export reports in the specified formats.* | | | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Generate a customizable report and export it in both PDF and Excel formats.* | | | *The exported files should be correctly formatted and contain accurate data.* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |

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| **Data**  **encryption** | | | | | |
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| **Test Case ID:** | | *2.1* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *2.1* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *Data encryption use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Ensure that sensitive data is encrypted both in transit and at rest.* | | | |
| **Product/Ver/Module:** | | *Enhanced data security measures* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *The system utilizes industry-standard encryption algorithms.*  *Data encryption is applied uniformly across all storage and transmission processes.* | | | |
| **Pre-Requisite:** | | *Access to encryption tools or configurations for verification.*  *Knowledge of the encryption standards and methods employed by the system.* | | | | * Access to encryption tools or configurations for verification. * Knowledge of the encryption standards and methods employed by the system. | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Check encryption on data storage and data transmission using industry-standard tools.* | | | *Data should be encrypted using the specified encryption methods.* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |

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| **Roll-based**  **access controll** | | | | | |
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| **Test Case ID:** | | *2.2* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *2.2* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *Roll-based access control use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Verify that the access control system works based on user roles.* | | | |
| **Product/Ver/Module:** | | *Enhanced data security measures* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *Users are assigned specific roles defining their access rights.*  *Unauthorized access attempts are logged and monitored.* | | | |
| **Pre-Requisite:** | | *Two-factor authentication (2FA) is enabled for user accounts.*  *Users have the necessary devices or methods for the second authentication step.* | | | | * Two-factor authentication (2FA) is enabled for user accounts. * Users have the necessary devices or methods for the second authentication step. | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Attempt to access data and functionalities not permitted for a user's role.* | | | *Access should be denied.* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |

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| **Two-Factor Authentication** | | | | | |
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| **Test Case ID:** | | *2.3* | **QA Test Engineer:** | | *Muhammad Yahya* |
| **Test Case Version:** | | *2.3* | **Reviewed by:** | | *Muhammad Yahya* |
| **Test Date:** | | *3-05-2024* | **Use Case Reference(s):** | | *Two-Factor Authentication use case* |
| **Revision History:** | | *None* | | | |
| **Objective:** | | *Test the implementation of two-factor authentication.* | | | |
| **Product/Ver/Module:** | | *Enhanced data security measures* | | | |
| **Environment:** | | *The app is up and running and system is online* | | | |
| **Assumptions:** | | *Two-factor authentication (2FA) is enabled for user accounts.*  *Users have the necessary devices or methods for the second authentication step.* | | | |
| **Pre-Requisite:** | | *A valid user account with 2FA enabled for testing.*  *Access to the authentication mechanisms or codes required for the second factor.* | | | |
| **Step No.** | **Execution description** | | | **Procedure result** | |
| **1** | *Log in with valid credentials and verify the second authentication step.* | | | *Access should only be granted after successful two-factor authentication.* | |
| **Comments** | | The test case is passed. Our system is working according to our need. | | | |
| *Passed Failed Not Executed* | | | | | |