***Test Plan***

***Group 1***

For Software solution for “Media Bazaar”

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## Introduction

The following document is an extensive test plan, intended to be used to test the software solution for “Media Bazaar”, developed by TREE from the perspective of an administrator and a manager.

## Test cases for Administrator and Manager accounts

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Steps | Test Data | Expected result | Actual result |
| TC-01 | US-A-01 | Administrator logs in | Administrator account exists in database and application is running | 1.Enter username and password  2.Click “Login” button | Login credentials: Username - administrator  Password - pass | Confirmation of successful login and access to administration page |  |
| TC-02 | US-A-01 | Administrator logs in with wrong credentials | Administrator account exists in database and application is running | 1.Enter username and password  2.Click “Login” button | Login credentials: Username - notadministrator  Password - pass  Or  Username - administrator  Password - notpass | Notification pop-up informing that wrong credentials were inputted |  |
| TC-03 | US-A-01 | Administrator does not input either username or password | Administrator account exists in database and application is running | 1. Enter only username or password  2.Click “Login” button | Login credentials: Only username-administrator  Or  Only password - pass | Notification pop-up informing that certain field is empty |  |
| TC-04 | US-A-02 | Administrator logs out | Administrator has already logged in successfully | 1. Click “Logout ”button | N/A | User is redirected to login form |  |
| TC-05 | US-A-03 | Administrator changes password | Administrator has already logged in successfully | 1. Administrator clicks “My account” tab  2. Administrator inputs current password  3. Administrator inputs new password  4. Administrator inputs new password again  5. Administrator clicks the “Change” button | Login credentials:  Username - administrator Password: pass  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing that password was successfully changed |  |
| TC-06 | US-A-03 | Administrator changes password (inputs wrong current password) | Administrator has already logged in successfully | 1. Administrator clicks “My account” tab  2. Administrator inputs current password  3. Administrator inputs new password  4. Administrator inputs new password again  5. Administrator clicks the “Change” button | Login credentials:  Username - administrator Password: pass2 (or something else different from “pass”)  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing that inputted current password does not match password of logged-in account |  |
| TC-07 | US-A-03 | Administrator changes password (one or several fields are left empty) | Administrator has already logged in successfully | 1. Administrator clicks “My account” tab  2. Administrator inputs current password  3. Administrator inputs new password  4. Administrator clicks the “Change” button  (or inputs any combination of two out of three possible fields) | Username - administrator Password: pass2 (or something else different from “pass”)  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing one or more of the required fields are empty |  |
| TC-08 | US-A-04 | Administrator views employee list | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab | N/A | Grid with employee information is shown |  |
| TC-09 | US-A-05 | Administrator views certain employee details | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on certain row, representing one employee  3. .Administrator clicks on view | N/A | Separate form with employee details is displayed |  |
| TC-10 | US-A-06 | Administrator adds new employee to system | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on “Add Employee” button  3. Administrator inserts the required data  4. Administrator clicks on “Add” | URS Appendix A for details | System notifies user that a new employee was successfully added |  |
| TC-11 | US-A-06 | Administrator adds new employee to system (leaves one or more fields empty) | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on “Add Employee” button  3. Administrator inserts the required data (not completing all fields)  4. Administrator clicks on “Add” | URS Appendix A for details | System notifies user that one or more fields are empty |  |
| TC-12 | US-A-06 | Administrator adds new employee to system (email or name in invalid format) | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on “Add Employee” button  3. Administrator inserts the required data  4. Administrator clicks on “Add” | URS Appendix A for details | System notifies user that the email or name they inputted are invalid |  |
| TC-13 | US-A-07 | Administrator updates employee information | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on row representing employee  3. Administrator clicks on “Edit” button  4. Administrator may changes certain fields |  | System notifies user that the employee’s details have been updated successfully |  |
| TC-14 | US-A-07 | Administrator updates employee information  (one or more fields is empty) | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on row representing employee  3. Administrator clicks on “Edit” button  4. Administrator may changes certain fields (leaving one or more empty) |  | System notifies user that one or more fields are empty |  |
| TC-15 | US-A-07 | Administrator updates employee information  (email or name fields are in invalid format) | Administrator has already logged in successfully | 1. Administrator clicks Employees” tab  2. Administrator clicks on row representing employee  3. Administrator clicks on “Edit” button  4. Administrator may changes certain fields (inputting name or email in invalid formats) | URS Appendix A for details | System notifies user that name or email are in invalid format |  |
| TC-16 | US-A-08 | Administrator views overall work schedule for a selected period of time | Administrator has already logged in successfully | 1. Administrator clicks “Schedule” tab  2. Administrator selects and clicks on certain dates  3. Administrator clicks on certain shift | N/A | System displays separate window with selected shift details |  |
| TC-17 | US-A-09 | Administrator assigns shift to employee | Administrator has already logged in successfully | 1. Administrator clicks “Schedule” tab  2. Administrator selects and clicks on certain dates  3. Administrator clicks on certain shift  4. Administrator chooses available employee from list  5. Administrator clicks the ‘Assign’ button  6. Administrator clicks the “Done” button | N/A | System displays separate window with selected shift details and selected employee is moved from “All shop workers” list to “Assigned shop workers” list |  |
| TC-18 | US-A-10 | Administrator updates schedule | Administrator has already logged in successfully |  |  |  |  |
| TC-19 | US-A-11 | Administrator adds new user to the system | Administrator has already logged in successfully | 1. Administrator clicks on “Accounts” tab  2. Administrator clicks on the “Add” button  3. Administrator fills in the required fields  4. Administrator clicks on the “Add” button |  | System displays newly added account in list of accounts |  |
| TC-20 | US-A-12 | Administrator removes user to the system | Administrator has already logged in successfully | 1. Administrator clicks on “Accounts” tab  2. Administrator clicks on row representing the account they want to remove  3. Administrator clicks the “Remove” button | N/A | System displays updated list of accounts without the removed account |  |
| TC-21 | US-A-13 | Administrator uses “auto-arrange” function (date is in the past) | Administrator has already logged in successfully | 1. Administrator clicks on “Schedule” tab  2. Administrator clicks on “Auto-arrange” button  3. Administrator inserts a date ( before the date that the user is using the system) | N/A | System displays notification pop-up that informs the user the date is not valid |  |
| TC-22 | US-M-13 | Manager views the statistical information | Manager has already logged in successfully | 1. Manager clicked on the “Statistics” button  2. Manager chooses indicator from the list  3. Manager clicks on the “View” button | N/A | System displays separate form with statistics based on selected indicator |  |
| TC-23 | US-A-01 | Manager logs in | Manager account exists in database and application is running | 1.Enter username and password  2.Click “Login” button | Login credentials: Username - manager  Password - pass | Confirmation of successful login and access to manager page |  |
| TC-24 | US-A-01 | Manager logs in with wrong credentials | Manager account exists in database and application is running | 1.Enter username and password  2.Click “Login” button | Login credentials: Username - notmanager  Password - pass  Or  Username - manager  Password - notpass | Notification pop-up informing that wrong credentials were inputted |  |
| TC-25 | US-M-01 | Manager does not input either username or password | Manager account exists in database and application is running | 1.Enter username and password  2.Click “Login” button | Login credentials: Only username - manager  Or  Only password - pass | Notification pop-up informing that certain field is empty |  |
| TC-26 | US-M-02 | Manager logs out | Manager has already logged in successfully | 1. Click “Logout ”button | N/A | User is redirected to login form |  |
| TC-27 | US-M-03 | Manager changes password | Manager has already logged in successfully | 1. Manager clicks “My account” tab  2. Manager inputs current password  3. Manager inputs new password  4. Manager inputs new password again  5. Manager clicks the “Change” button | Login credentials:  Username - manager  Password: pass  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing that password was successfully changed |  |
| TC-28 | US-M-03 | Manager changes password (inputs wrong current password) | Manager has already logged in successfully | 1. Manager clicks “My account” tab  2. Manager inputs current password  3. Manager inputs new password  4. Manager inputs new password again  5. Manager clicks the “Change” button | Login credentials:  Username - manager  Password: pass2 (or something else different from “pass”)  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing that inputted current password does not match password of logged-in account |  |
| TC-29 | US-M-03 | Manager changes password (one or several fields are left empty) | Manager has already logged in successfully | 1. Manager clicks “My account” tab  2. Manager inputs current password  3. Manager inputs new password  4. Manager clicks the “Change” button  (or inputs any combination of two out of three possible fields) | Username - manager  Password: pass2 (or something else different from “pass”)  New password: Newpass (or anything else up to 30 characters) | Notification pop-up informing one or more of the required fields are empty |  |
| TC-30 | US-M-04 | Manager views employee list | Manager has already logged in successfully | 1. Manager clicks Employees” tab | N/A | Grid with employee information is shown |  |
| TC-30 | US-M-05 | Manager views certain employee details | Manager has already logged in successfully | 1. Manager clicks Employees” tab  2. Manager clicks on certain row, representing one employee  3. Manager clicks on view | N/A | Separate form with employee details is displayed |  |
| TC-31 | US-M-08 | Manager views overall work schedule for a selected period of time | Manager has already logged in successfully | 1. Manager clicks “Schedule” tab  2. Manager selects and clicks on certain dates  3. Manager clicks on certain shift | N/A | System displays separate window with selected shift details |  |

## Contact the team

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## Appendix A

Please note: Use cases for manager’s side of the functional requirements FR-M-01 up to and including FR-M-06 repeat the use cases for the administrator’s side of the functional requirements. Hence, we made this table:

|  |  |
| --- | --- |
| ***Functional requirement*** | ***Use case*** |
| FR-M-01 | US-A-01 |
| FR-M-02 | US-A-02 |
| FR-M-03 | US-A-03 |
| FR-M-04 | US-A-04 |
| FR-M-05 | US-A-05 |
| FR-M-06 | US-A-06 |

*\*refer to URS document for more details about the functional requirements of the system*