Fontys Hogescholen Test Plan

Media Bazaar

**Groupname:R2DA**  **Team members**:

Rawan Abou Dehn (**Leader**)

Anas Ahmad

Rareş Băluţoiu

Denys Sytnyk

**Supervisor**: André Postma

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Document Change Record

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| --- | --- | --- |
| *Date* | *Author* | *Comments* |
| 19-03-2020 | Rawan Abou Dehn | 1. Reset password, login, logout and statistics test cases were created |
| 19-03-2020 | Anas Ahmad | 2. Add, remove and modify employees test cases were created |
| 19-03-2020 | Denys Sytnyk | 3. View shift test case was created |
| 20-03-2020 | Rareş Băluţoiu | 4. Assign shift to employees test case was created |
| 20-03-2020 | Rawan Abou Dehn | 5. Test cases were combined in one document, info about the team and the document was added. |

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# Introduction

## Document Purpose

The purpose of this document is to test the functionalities in the Media Bazaar app.

## Document Overview

In the following section we will cover the test cases which are divided as follows:

Reset password functionality (same for all users)

Administrator functionalities Manager functionalities

Depot worker functionalities

# Test Cases

**Reset password:**

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| *ID* | *UC* | *Name* | *Pre-condition* | *Test Data* | *Expected Result* |
| TC-01 | UC-30 | Reset password | Forgot password in login page was triggered | Forgot password form:  Email: (your Gmail e-mail)  Reset code: the code you received per email.  Reset password form:  Passwords: updated | Confirmation of successful update of the password. |
| TC-02 | UC-30 | Reset password | Forgot password in login page was triggered | Forgot password form:  Email: (your Gmail e-mail) | System shows a message requesting the reset code. |
| TC-03 | UC-30 | Reset password | Forgot password in login page was triggered | Forgot password form: Email: (your Gmail e-mail) Reset code: 123456. | An error indicating that the reset code is not correct. |
| TC-04 | UC-30 | Reset password | Forgot password in login page was triggered | Forgot password form:  No email address was provided. | A message requesting the e-mail address. |
| TC-05 | UC-30 | Reset password | Forgot password in login page was triggered | Reset password form:  Password: 1234  Repeat password: 123456 | An error indicating that passwords don’t match. |

**Administrator:**

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| *ID* | *UC* | *Name* | *Pre-condition* | *Test Data* | *Expected Result* |
| TC-06 | UC-25 | Login as administrator | Login form is open. | Email: CaraHahn@mediabazaar.com Password: vitae | Login successfully, login form is closed and the administrator’s form is opened. |
| TC-07 | UC-25 | Login as administrator | Login form is open. | Email: CaraHahn@mediabazaar.com | A message requesting the password. |
| TC-08 | UC-25 | Login as administrator | Login form is open. | Password: vitae | A message requesting the e-mail address. |
| TC-09 | UC-25 | Login as administrator | Login form is open. | Email: abc@mediabazaar.com Password: 12345 | Error indicating that login credentials are wrong. |
| TC-10 | UC-01 | Check the workers data | User must be logged in as an administrator or manager |  | List of the employee is shown |
| TC-11 | UC-02 | Add a new employee in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab | *First Name: John*  *Last Name: Doe*  Date Of Birth: 09/03/1996  *Street Name*: Rachelsmolen 1  House Number: 8  *Zip code*: 5612 MA  *City*: Eindhoven  Hourly Wage: 10.50  Role: Administrator | A new employee is added to the system and a confirmation of successful addition is shown in a message box. |
| TC-12 | UC-02  Ext.1a | Add a new employee in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab | *First Name: John Last Name:*  Date Of Birth:  *StreetName*: Rachelsmolen 1  House Number: 8  *Zip code*:  *City*:  Hourly Wage: 10.50 | Error Message “None of the above requirements should be empty” |

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|  |  |  |  | Role |  |
| TC-13 | UC-02 Ext.2a | Add a new employee in the system  Extension:  Users presses no | 1. User must be logged as an administrator  2. User must be in  Administration Tab | *First Name: John*  *Last Name: Doe*  Date Of Birth: 09/03/1996  *Street Name*: Rachelsmolen 1  House Number: Eight Euros  *Zip code*: 5612 MA  *City*: Eindhoven  Hourly Wage: Ten Euros  Role: Administrator | Error Message “Input String is not in correct format” |
| TC-14 | UC-02 Ext.4a | Add a new employee in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab | *First Name: John*  *Last Name: Doe*  Date Of Birth: 09/03/1996  *Street Name*: Rachelsmolen 1  House Number: 8  *Zip code*: 5612 MA  *City*: Eindhoven  Hourly Wage: 10.50  Role: Administrator | Message is shown that “The person is not added”. |
| TC-15 | UC-03 | Remove an Employee from the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab  3. User must select an employee from the list | An Employee is selected from the list by id. e.g. id 1 whose name is Yetta Shannon | An employee is removed from the system and a message is shown that “The Person is removed” |
| TC-16 | UC-03 Ext.1a | Remove an Employee from the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab | No employee is selected from the list and button remove is pressed | Error Message is shown that “No employee is selected” |

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| TC-17 | UC-03 Ext.3a | Remove an Employee from the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab  3. User must select an employee from the list by id | User presses No | Error Message is shown that “The Person is not removed” |
| TC-18 | UC-04 | Modify an employee’s information in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab  3. User must select an employee from the list by id | First Name*:* Fallon  Last Name*:* Ellis  Date Of Birth: 04/02/1972  *Street Name*: Vesperstraat 1  House Number: 1  *Zip code*: 5612 GA  *City*: Breda  Hourly Wage: 15.00  Role: Depot Worker | The information is modified, and a message is shown that “The information has been updated” |
| TC-19 | UC-04 Ext.1a | Modify an employee’s information in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab | No employee is selected from the list | Error Message is shown that “No employee is selected” |
| TC-20 | UC-04  Ext.3a | Modify an employee’s information in the system | 1. User must be logged as an administrator  2. User must be in  Administration Tab 3. User must select an employee from the list | *First Name: John Last Name:*  Date Of Birth:  *StreetName*: Rachelsmolen 1  House Number: 8  *Zip code*:  *City*:  Hourly Wage: 10.50  Role: Employee | Error specific Message is shown regarding the error. If the information is added in a wrong format “The input is not in a correct format” will be shown in a message box.  And if incomplete information is added “None of the above requirements should be empty” will be show in a message box. |

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| TC-21 | UC-14 | View statistics | 1. Administrator must be logged in. 2. Statistics tab must be selected. | No category was selected. | System does not display any statistics. |
| TC-22 | UC-14 | View statistics | 1. Administrator must be logged in. 2. Statistics tab must be selected. | Category: Hourly wage per employee. | Graph displaying all employees in the system and their hourly wages. |
| TC-23 | UC-14 | View statistics | 1. Administrator must be logged in. 2. Statistics tab must be selected. | Category: Salary per employee  Date from: 16/03/2020  Date to: 31/03/2020 | Graph displaying employees and their salaries between the dates which were selected. |
| TC-24 | UC-14 | View statistics | 1. Administrator must be logged in. 2. Statistics tab must be selected. | Category: Number of employees per shift.  Date from: 16/03/2020  Date to: 31/03/2020 | Graph displaying number of employees per shift between the dates which were selected. |
| TC-25 | UC-14 | View statistics | 1. Administrator must be logged in. 2. Statistics tab must be selected. | Category: Number of employees per shift.  Date from: 16/03/2020  Date to: 03/04/2020 | Error message indicating that user cannot select more than 15 days. |
| TC-26 | UC-07 | Administrators should be able to assign a shift to  employees | 1. Administrator must be logged in 2. Assign shift tab is selected | User selects an employee, a date and a shift time. | Assign a shift to an employee |
| TC-27 | UC-07 | Assign a shift to an employee | 1. Administrator must be logged in 2. Assign shift tab is selected | No employee is selected  User selects a date and a shift time. | System shows a message that should display a message telling to  select an employee |
| TC-28 | UC-07 | Assign a shift to an employee | 1. Administrator must be logged in 2. Assign shift tab is selected | User selects an employee, a date and a shift time, but the has maximum  employees | System shows a message that should display a message telling to select another shift |
| TC-29 | UC-07 | Assign a shift to an employee | 1. Administrator must be logged in 2. Assign shift tab is selected | User selects an employee, a date and a shift time, but the shift is not according to the rules | System shows a message that should display a message telling to select another shift due to the rules |
| TC-30 | UC-8 | Remove an  employee’s  shift | 1. Administrator must be logged in 2. Schedule tab must be opened | EmployeeName: Cara Hahn  Date: 2002-03-20  Shift: Morning | Confirmation of successful deletion of the shift from the database |
| TC-31 | UC-8 | Remove an  employee’s  shift | Administrator must be logged in | No employee is selected | System displays a message that the information is not complete |
| TC-32 | UC-9 | Check the schedule of the workers | Administrator must be logged in | EmployeeName: Cara Hahn  Date: 2002-03-20 | System displays a message that the information is not complete |
| TC-33 | UC-9 | Check the schedule of the workers. | Administrator must be logged in | Date: 2002-03-20 Shift: Morning | System shows the schedule in the list |
| TC-34 | UC-29 | Logout | 1. Administrator form is open 2. Logout button was pressed |  | The user is logged out and the login form is displayed. |

**Manager:**

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| *ID* | *UC* | *Name* | *Pre-condition* | *Test Data* | *Expected Result* |
| TC-35 | UC-24 | Login as manager | Login form is open. | Email:  NoelaniClemons@mediabazaar.com Password: lkjhgf | Login successfully, login form is closed, and the manager’s form is opened. |
| TC-36 | UC-24 | Login as manager | Login form is open. | Email:  NoelaniClemons@mediabazaar.com | A message requesting the password. |
| TC-37 | UC-24 | Login as manager | Login form is open. | Password: lkjhgf | A message requesting the email address. |
| TC-38 | UC-24 | Login as manager | Login form is open. | Email: abc@mediabazaar.com Password: 12345 | Error indicating that login credentials are wrong. |
| TC-39 | UC-19 | View statistics | 1. Manager must be logged in. 2. Statistics tab must be selected. | No category was selected. | System does not display any statistics. |
| TC-40 | UC-19 | View statistics | 1. Manager must be logged in. 2. Statistics tab must be selected. | Category: Hourly wage per employee. | Graph displaying all employees in the system and their hourly wages. |
| TC-41 | UC-19 | View statistics | 1. Manager must be logged in. 2. Statistics tab must be selected. | Category: Salary per employee  Date from: 16/03/2020  Date to: 31/03/2020 | Graph displaying employees and their salaries between the dates which were selected. |
| TC-42 | UC-19 | View statistics | 1. Manager must be logged in. 2. Statistics tab must be selected. | Category: Number of employees per shift.  Date from: 16/03/2020  Date to: 31/03/2020 | Graph displaying number of employees per shift between the dates which were selected. |
| TC-43 | UC-19 | View statistics | 1. Manager must be logged in. 2. Statistics tab must be selected. | Category: Number of employees per shift.  Date from: 16/03/2020  Date to: 03/04/2020 | Error message indicating that user cannot select more than 15 days. |
| TC-44 | UC-01 | Check the workers data | User must be logged in  as an administrator or manager |  | List of the employee is  shown |
| TC-45 | UC-9 | Check the schedule of the workers | Administrator must be logged in | Employee name: Cara Hahn  Date: 2002-03-20 | System displays a message that the information is not  complete |
| TC-46 | UC-9 | Check the schedule of the workers. | Administrator must be logged in | Date: 2002-03-20 Shift: Morning | System shows the schedule  in the list |
| TC-47 | UC-29 | Logout | 1. Manager form is open 2. Logout button was pressed |  | The user is logged out and the login form is displayed. |

**Depot worker:**

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| *ID* | *UC* | *Name* | *Pre-condition* | *Test Data* | *Expected Result* |
| TC-48 | UC-26 | Login as depot worker | Login form is open. | Email:  CarsonLambert@mediabazaar.com  Password: lectus | Login successfully, login form is closed and the depot worker’s form is opened. |
| TC-49 | UC-26 | Login as depot worker | Login form is open. | Email:  CarsonLambert@mediabazaar.com | A message requesting the password. |
| TC-50 | UC-26 | Login as depot worker | Login form is open. | Password: 12345 | A message requesting the email address. |
| TC-51 | UC-26 | Login as depot worker | Login form is open. | Email: abc@mediabazaar.com Password: 12345 | Error indicating that login credentials are wrong. |
| TC-52 | UC-29 | Logout | 1. Depot worker form is open 2. Logout button was pressed |  | The user is logged out and the login form is displayed. |