

QWALLITY APP

*https://exam-qwallity.herokuapp.com/*

***FINAL ASSESMENT***

*Prepared by Sonya Ghazaryan*

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# ***Requirements***

As an admin user I can **configure discount** for courses from my account.

As a non admin user I can buy course with discount configured by admin․

**Acceptance Criteria**

Admin user navigate to his/her profile. Change Discount button is visible.

Change discount screen contains

* **Course Type** ddl with **Advanced** and **Fundamental** options
* **discount** which is numeric
* **course\_count** field which is numeric
* **Change Discount** button, after submission admin see notification – ‘Discount changes’

Non admin user login to the system, buy Fundamental and Advanced courses. *Price should be shown already discounted (take into account admin configuration).*

Notification- ’*You have xxx discount. Discounted price displays.’*

# **Requirement clarification**

1. Do you want the drop-down list to be set to any course type by default or add any other word, for example, select type or unselected?
2. As I understand, you want the fields to accept only positive and integer numbers, right?
3. Do you want discount and course\_count fields to have max and min value?
4. Can we consider that by not filling in the course\_count field, the admin user can set a discount regardless of the number of courses the user has bought?

# **Suggestions**

1. I suggest that in addition to the discounted price of the course, the initial price should also be displayed for the non admin user, so that he/she can be sure about correct calculation of the discount.
2. It would be better if the non admin user would get the discount for the fundamental and advanced courses only if he/she buys the corresponding number of courses.
3. I suggest that the admin user can assign a discount for any type of course when adding a course.
4. It would be better if the admin user could edit any course separately and assign a discount regardless of the general type of discount.
5. I suggest that the admin user has access to the courses price, so that he can assign an appropriate discount for them.
6. I suggest adding a Reset button so that the admin user is not needed to delete all the fields one by one for changing another course types’ discount
7. I suggest adding a function so that the admin user can completely remove/delete the current discounts.
8. It would be better to add validation message for every incorrectly or not filled in field.
9. I suggest that the discount information about the course type is also to be included in the necessary tables of the DB with Foreign Keys.

# **Bug Reports**

|  |  |
| --- | --- |
| **Title:** Discount course notification issue | |
| **ID Number:** | 1 |
| **Submit Date:** | 10/07/2022 |
| **Reporter:** | Sonya Ghazaryan |
| **OS:** | Microsoft Windows 10 Pro 64-bit |
| **Browser:** | Chrome 106.0.5249.103 |
| **Environment:** | https://exam-qwallity.herokuapp.com/ |
| **Version:** | 1.0 |
| **Severity:** | Low |
| **Component/tag:** | Courses |
| **Precondition:** | Logged-in as non-admin user |
| **Steps to reproduce:** | 1. Go to Courses 2. Choose any course type and buy number of courses required for the discount 3. Try to buy a course with discount |
| **Expected Result:** | ’*You have xxx discount. Discounted price displays.’* Notification should be displayed. |
| **Actual Result:** | The system shows notification *‘’ You have xxx discount. Discounted price is displayed.’’* |
| **Screenshot/Video:** |  |

|  |  |
| --- | --- |
| **Title:** Admin user can configure discount with invalid field inputs | |
| **ID Number:** | 2 |
| **Submit Date:** | 10/07/2022 |
| **Reporter:** | Sonya Ghazaryan |
| **OS:** | Microsoft Windows 10 Pro 64-bit |
| **Browser:** | Chrome 106.0.5249.103 |
| **Environment:** | https://exam-qwallity.herokuapp.com/ |
| **Version:** | 1.0 |
| **Severity:** | High |
| **Component/tag:** | My account/Change discount |
| **Precondition:** | Logged-in as admin user |
| **Steps to reproduce:** | 1. Navigate to his/her profile 2. Fill in required fields with invalid data 3. Click Change discount |
| **Expected Result:** | The system should reject changing discount with invalid data |
| **Actual Result:** | The system allows to change the discount with invalid data |
| **Notes:** | The bug is also implemented via API request |
| **Screenshot/Video:** |  |

|  |  |
| --- | --- |
| **Title:** Discount notification is visible for admin users | |
| **ID Number:** | 3 |
| **Submit Date:** | 10/07/2022 |
| **Reporter:** | Sonya Ghazaryan |
| **OS:** | Microsoft Windows 10 Pro 64-bit |
| **Browser:** | Chrome 106.0.5249.103 |
| **Environment:** | https://exam-qwallity.herokuapp.com/ |
| **Version:** | 1.0 |
| **Severity:** | Medium |
| **Component/tag:** | Courses |
| **Precondition:** | Logged-in as admin user |
| **Steps to reproduce:** | 1. Navigate to his/her profile and click Change Discount 2. Fill in discount field 3. Fill in course\_count field with less than 10 value 4. Click Change Discount 5. Go to Courses and choose course type 6. Click to any course |
| **Expected Result:** | Discount notification should be visible only for non admin users |
| **Actual Result:** | Notification about available discount displays for admin user when configured course\_count is less than 10 |
| **Screenshot/Video:** |  |

|  |  |
| --- | --- |
| **Title:** Non admin users can configure discount via API | |
| **ID Number:** | 4 |
| **Submit Date:** | 10/07/2022 |
| **Reporter:** | Sonya Ghazaryan |
| **OS:** | Microsoft Windows 10 Pro 64-bit |
| **Environment:** | https://exam-qwallity.herokuapp.com/ |
| **Version:** | 1.0 |
| **Precondition:** | Access to API Documentation |
| **Severity:** | Critical |
| **Steps to reproduce:** | 1. Navigate to API Testing tool 2. Add Discount Change request from API Documentation 3. Send request with non-admin user |
| **Expected Result:** | Non-Admin user cannot configure discount for courses |
| **Actual Result:** | Non-Admin user can configure discount for courses via API |
| **Screenshot/Video:** |  |

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| --- | --- |
| **Title:** Adding null to the column in course\_discount table via DB crashes appropriate section in GUI | |
| **ID Number:** | 5 |
| **Submit Date:** | 10/08/2022 |
| **Reporter:** | Sonya Ghazaryan |
| **OS:** | Microsoft Windows 10 Pro 64-bit |
| **Browser:** | Chrome 106.0.5249.103 |
| **Environment:** | https://exam-qwallity.herokuapp.com/ |
| **Version:** | 1.0 |
| **Precondition:** | Access to Workbench |
| **Severity:** | High |
| **Steps to reproduce:** | 1. Go to Workbench 2. Execute query for updating course\_discount table with null in any column 3. Go to Courses 4. Choose appropriate course type which was updated with DB and click to any course |
| **Expected Result:** | Changed discount with null from DB should be saved in the GUI as empty or giving error in DB about not being able to execute with null |
| **Actual Result:** | Adding null via DB crashes appropriate section in GUI |
| **Notes:** | The bug is available also with API requests |
| **Screenshot/Video:** |  |