



Test Plan submitted to
The Department of Computer Engineering of Çankaya University
in fulfillment of the requirements for
CENG 408 Innovative System Design and Development II

TEST PLAN AND TEST DESIGN SPECIFICATIONS AND TEST CASES OF PLATFORM FOR MUSIC, BOOK AND MOVIE RECOMMENDATION

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STATEMENT OF NON-PLAGIARISM

I hereby declare that all information in this assignment has been obtained and presented in accordance with academic rules and ethical conduct and the work I am submitting in this document, except where I have indicated, is my own work.

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1. INTRODUCTION

1.1 Version Control

Version No	Description of Changes	Date
1.0	First Version	April 16, 2021

1.2 Overview

With this test plan the recommendation platform called QuiRec will be tested. Tests will be applied to the web application features. Functional, performance and security requirements of the system will be tested with this test plan.

1.3 Scope

Scope is the latest version up to date of System Requirements Specifications document and the System Design Specifications document.

2. FEATURES TO BE TESTED

2.1 Login (LG)

This feature is used by the “admin” and “user” type users in order to enter the platform to use further features of the system.

2.2 Register (RG)

This feature is used by new users for signing up to the system in order to use the further features of the system.

2.3 Questionnaire (QA)

This feature is used by the registered users in order to get their personalized recommendations. The questionnaire asks them their preferences.

2.4 Change Password (CP)

In case the users would like to change their passwords, they can use this feature.

2.5 Forget Password (FP)

In case the users forget their passwords, they can use this feature to get a new password.

2.6 Browser (BS)

This feature is for registered users to find other movies, books, and music that they might enjoy.

They can see the detailed information of the item.

2.7 Rating (RA)

This feature is for registered users to give feedbacks to the items recommended by the system.

2.8 Buttons (BT)

This feature is used for page navigations and performing required actions throughout the QuiRec.

3. FEATURES NOT TO BE TESTED

Loading tests will not be applied to the system with this test plan. Also, accuracy of the data gathered from online resources will not be tested.

4. ITEM PASS/FAIL CRITERIA

If an item is functioning the way it is described in SRS and SDD, then the item passes the test case; else the item fails. There might be some further time or performance constraints for certain items which are going to be explained further.

4.1 Exit Criteria

If all the High and Medium priority cases are passed the product is considered to be successful.

5. REFERENCES

- [1] SRS
- [2] SDD

6. TEST DESIGN SPECIFICATIONS

6.1 Login (LG)

6.1.1 Sub features to be tested:

6.1.1.1 Admin (LG.AW)

The admin should be able to login into the system. The page opened after login operation should be related to the Admin Features.

6.1.2.2 User (LG.UW)

The users should be able to login into the system. The page opened after login operation should be related to the User Features.

6.1.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
LG.AW.01	3.2.2	H	Enter existing 'admin' user id in the database and valid password.
LG.AW.02	3.2.2	H	Enter existing 'admin' user id in the database and invalid password.
LG.AW.03	3.2.2	H	Enter non-existing 'admin' user id in the database and valid password.
LG.AW.04	3.2.2	H	Enter non-existing 'admin' user id in the database and invalid password.
LG.UW.01	3.2.2	H	Enter existing 'user' user id in the database and valid password.
LG.UW.02	3.2.2	H	Enter existing 'user' user id in the database and invalid password.
LG.UW.03	3.2.2	H	Enter non-existing 'user' user id in the database and valid password.
LG.UW.04	3.2.2	H	Enter non-existing 'user' user id in the database and invalid password.

6.2 Register (RG)

6.2.1 Sub features to be tested:

6.2.1.1 User (RG.UW)

The users should be able to register to the system.

6.2.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
RG.UW.01	3.2.3	H	Enter non-existing username and non-existing email information in the database with valid password information.
RG.UW.02	3.2.3	H	Enter non-existing username and non-existing email information in the database with invalid password information.
RG.UW.03	3.2.3	H	Enter non-existing username and existing email information in the database with valid password information.
RG.UW.04	3.2.3	H	Enter non-existing username and existing email information in the database with invalid password information.
RG.UW.05	3.2.3	H	Enter existing username and non-existing email information in the database with valid password information.
RG.UW.06	3.2.3	H	Enter existing username and non-existing email information in the database with invalid password information.
RG.UW.07	3.2.3	H	Enter existing username and existing email information in the database with valid password information.
RG.UW.08	3.2.3	H	Enter existing username and existing email information in the database with invalid password information.
RG.UW.09	3.2.3	H	Enter username and/or email input field empty.
RG.UW.10	3.2.3	H	Enter special username booked for admin with remaining fields are acceptable.
RG.UW.11	3.2.3	H	Enter special email booked for admin with remaining fields are acceptable.

6.3 Questionnaire (QA)

6.3.1 Sub features to be tested

6.3.1.1 Questionnaire to be filled (QA.UW)

The users should be able to fill and submit the questionnaire.

6.3.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
QA.UW.01	3.2.6	H	Submit a full questionnaire.
QA.UW.02	3.2.6	H	Submit an totally empty questionnaire.
QA.UW.03	3.2.6	H	Submit the questionnaire with one or more empty answers.

6.4 Change Password (CP)

6.4.1 Sub features to be tested

6.4.1.1 User Changing Password (CP.UW)

The users should be able to change their password by entering their old password and new password twice in order to change their password.

6.4.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
CP.UW.01	3.2.5	H	Change password with the correct old password and acceptable new password.
CP.UW.02	3.2.5	H	Change password with the incorrect old password and acceptable new password.
CP.UW.03	3.2.5	H	Change password with correct old password and unacceptable new password.
CP.UW.04	3.2.5	H	Change password with incorrect old password and unacceptable new password.

6.5 Forgot Password (FP)

6.5.1 Sub features to be tested

6.5.1.1 User Forgot Password (FP.UW)

The users should be able to change their passwords they forgot by entering their email to get a recovery link to reset their old passwords on browser environment.

6.5.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
FP.UW.01	3.2.4	H	Enter email information with existing email in the database.
FP.UW.02	3.2.4	H	Enter email information with non-existing email in the database.
FP.UW.03	3.2.4	H	Enter email information with invalid email address.

6.6 Browser (BS)

6.6.1 Sub features to be tested

6.6.1.1 Searching for item (BS.UW)

The users should be able to search a movie, music, or book from the browser page.

6.6.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
BS.UW.01	3.2.9	M	Search with item name of existing item in the database.
BS.UW.02	3.2.9	M	Search with item category of existing category in the database.
BS.UW.03	3.2.9	M	Search with item genre of existing genre in the database.
BS.UW.04	3.2.9	L	Search with item name of non-existing item in the database.
BS.UW.05	3.2.9	L	Search with item category of non-existing category in the database.

BS.UW.06	3.2.9	L	Search with item genre of non-existing genre in the database.
BS.UW.07	3.2.9	M	Empty search

6.7 Rating (RA)

6.7.1 Sub features to be tested

6.7.1.1 Rating items (RA.UW)

The users should be able to vote from 1 to 5 stars from the details page.

6.7.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
RA.UW.01	3.2.10	M	Rate the recommended item by selecting a decimal number from 1 to 5.
RA.UW.02	3.2.10	M	Rate the recommended item by selecting an integer number from 1 to 5.
RA.UW.03	3.2.10	M	Leave the rating area empty.

6.8 Buttons (BT)

6.8.1 sub features to be tested

6.8.1.1 Profile Button (BT.UW)

Whenever the “profile” button is pressed the profile page should be shown.

6.8.1.2 Logout Button (BT.UW)

Whenever the “logout” button is pressed the profile page should be shown.

6.8.1.3 Database Update Button (BT.AW)

Whenever the “database update” button is pressed by the admin, required action in order to update database should be taken.

6.8.1.4 Model Retrain Update Button (BT.AW)

Whenever the “model retrain” button is pressed by the admin, required action in order to retrain the recommender system should be taken.

6.8.2 Test Cases

TC ID	Requirements	Priority	Scenario Description
BT.UW.01	3.2.7	M	Profile button is pressed.
BT.UW.02	3.2.7	M	Logout button is pressed.
BT.AW.01	3.2.11	H	Database update button is pressed.
BT.AW.02	3.2.11	H	Model retrain button is presses.

7. Detailed Test Cases

7.1 LG.AW.01

TC_ID	LG.AW.01
Purpose	Enter existing 'admin' user id in the database and valid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page. [A02] Enter a valid admin user id. [A03] Enter the valid password for this user [A04] Click on the "Login" button. [V01] Observe that the login is successful and the adminpage appears -
Cleanup	Logout

7.2 LG.AW.02

TC_ID	LG.AW.02
Purpose	Enter existing 'admin' user id in the database and invalid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page. [A02] Enter a valid admin user id. [A03] Enter the invalid password for this user [A04] Click on the "Login" button. [V01] Observe that the login is unsuccessful

	-
Cleanup	Refresh

7.3 LG.AW.03

TC_ID	LG.AW.03
Purpose	Enter non-existing 'admin' user id in the database and valid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.
	[A02] Enter a invalid admin user id.
	[A03] Enter valid password for this user
	[A04] Click on the "Login" button.
	[V01] Observe that the login is unsuccessful
	-
Cleanup	Refresh

7.4 LG.AW.04

TC_ID	LG.AW.04
Purpose	Enter non-existing 'admin' user id in the database and invalid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.
	[A02] Enter a invalid admin user id.
	[A03] Enter invalid password for this user
	[A04] Click on the "Login" button.
	[V01] Observe that the login is unsuccessful
	-
Cleanup	Refresh

7.5 LG.UW.01

TC_ID	LG.UW.01
Purpose	Enter existing 'user' user id in the database and valid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.
	[A02] Enter a valid user id.
	[A03] Enter valid password for this user

	[A04] Click on the “Login” button.
	[V01] Observe that the login is successful and the user page appears
	-
Cleanup	Logout

7.6 LG.UW.02

TC_ID	LG.UW.02
Purpose	Enter existing ‘user’ user id in the database and invalid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.
	[A02] Enter a valid user id.
	[A03] Enter invalid password for this user
	[A04] Click on the “Login” button.
	[V01] Observe that the login is unsuccessful
	-
Cleanup	Refresh

7.7 LG.UW.03

TC_ID	LG.UW.03
Purpose	Enter non-existing ‘user’ user id in the database and valid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.
	[A02] Enter a invalid user id.
	[A03] Enter valid password for this user
	[A04] Click on the “Login” button.
	[V01] Observe that the login is unsuccessful
	-
Cleanup	Refresh

7.8 LG.UW.04

TC_ID	LG.UW.04
Purpose	Enter non-existing ‘user’ user id in the database and invalid password.
Requirements	3.2.2
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login page should be displayed.
Setup	Login page should be accessible.
Procedure	[A01] Go to login page.

	[A02] Enter a invalid user id.
	[A03] Enter invalid password for this user
	[A04] Click on the “Login” button.
	[V01] Observe that the login is unsuccessful
	-
Cleanup	Refresh

7.9 RG.UW.01

TC_ID	RG.UW.01
Purpose	Enter non-existing username and non-existing email information in the database with valid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a non-existing user id.
	[A03] Enter a non-existing email
	[A04] Enter a valid password
	[A05] Press Register button.
	[V01] Observe that the creation is successful.
Cleanup	-
	Refresh

7.10 RG.UW.02

TC_ID	RG.UW.02
Purpose	Enter non-existing username and non-existing email information in the database with invalid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a non-existing user id.
	[A03] Enter a non-existing email
	[A04] Enter a invalid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
Cleanup	-
	Refresh

7.11 RG.UW.03

TC_ID	RG.UW.03
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Purpose	Enter non-existing username and existing email information in the database with valid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a non-existing user id.
	[A03] Enter a existing email
	[A04] Enter a valid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.12 RG.UW.04

TC_ID	RG.UW.04
Purpose	Enter non-existing username and existing email information in the database with invalid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a non-existing user id.
	[A03] Enter a existing email
	[A04] Enter a invalid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.13 RG.UW.05

TC_ID	RG.UW.05
Purpose	Enter existing username and non-existing email information in the database with valid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a existing user id.
	[A03] Enter a existing email
	[A04] Enter a valid password
	[A05] Press Register button.

	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.14 RG.UW.06

TC_ID	RG.UW.06
Purpose	Enter existing username and non-existing email information in the database with invalid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a existing user id.
	[A03] Enter a non-existing email
	[A04] Enter a invalid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.15 RG.UW.07

TC_ID	RG.UW.07
Purpose	Enter existing username and existing email information in the database with valid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a existing user id.
	[A03] Enter a existing email
	[A04] Enter a valid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.16 RG.UW.08

TC_ID	RG.UW.08
Purpose	Enter existing username and existing email information in the database with invalid password information.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute

Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a existing user id.
	[A03] Enter a existing email
	[A04] Enter a invalid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.17 RG.UW.09

TC_ID	RG.UW.09
Purpose	Enter username and/or email input field empty.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A04] Enter a invalid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.18 RG.UW.10

TC_ID	RG.UW.10
Purpose	Enter special username booked for admin with remaining fields are acceptable.
Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a admin id.
	[A03] Enter a non-existing email
	[A04] Enter a valid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.19 RG.UW.11

TC_ID	RG.UW.11
Purpose	Enter special email booked for admin with remaining fields are acceptable.

Requirements	3.2.3
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Register page should be displayed.
Setup	Register page should be accessible.
Procedure	[A01] Go to register page.
	[A02] Enter a non-existing user id.
	[A03] Enter an admin email
	[A04] Enter a valid password
	[A05] Press Register button.
	[V01] Observe that the creation is unsuccessful
	-
Cleanup	Refresh

7.20 QA.UW.01

TC_ID	QA.UW.01
Purpose	Submit a full questionnaire.
Requirements	3.2.6
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Questionnaire page should be accessible.
Procedure	[A01] Go to questionnaire page.
	[A02] Check all the check boxes.
	[A03] Press submit button.
	[V01] Observe that the submission is successful
	-
Cleanup	Refresh

7.21 QA.UW.02

TC_ID	QA.UW.02
Purpose	Submit an totally empty questionnaire.
Requirements	3.2.6
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Questionnaire page should be accessible.
Procedure	[A01] Go to questionnaire page.
	[A02] Press submit button.
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.22 QA.UW.03

TC_ID	QA.UW.03
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Purpose	Submit the questionnaire with one or more empty answers.
Requirements	3.2.6
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Questionnaire page should be accessible.
Procedure	[A01] Go to questionnaire page.
	[A02] Fill the questionnaire with one or more empty answers
	[A03] Press submit button.
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.23 CP.UW.01

TC_ID	CP.UW.01
Purpose	Change password with the correct old password and acceptable new password.
Requirements	3.2.5
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Change password page should be accessible.
Procedure	[A01] Go to change password page.
	[A02] Enter correct old password
	[A03] Enter acceptable new password
	[A04] Press submit button
	[V01] Observe that the submission is successful
	-
Cleanup	Refresh

7.24 CP.UW.02

TC_ID	CP.UW.01
Purpose	Change password with the incorrect old password and acceptable new password.
Requirements	3.2.5
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Change password page should be accessible.
Procedure	[A01] Go to change password page.
	[A02] Enter incorrect old password
	[A03] Enter acceptable new password
	[A04] Press submit button
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.25 CP.UW.03

TC_ID	CP.UW.03
Purpose	Change password with correct old password and unacceptable new password.
Requirements	3.2.5
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Change password page should be accessible.
Procedure	[A01] Go to change password page.
	[A02] Enter correct old password
	[A03] Enter unacceptable new password
	[A04] Press submit button
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.26 CP.UW.04

TC_ID	CP.UW.04
Purpose	Change password with incorrect old password and unacceptable new password.
Requirements	3.2.5
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Change password page should be accessible.
Procedure	[A01] Go to change password page.
	[A02] Enter incorrect old password
	[A03] Enter unacceptable new password
	[A04] Press submit button
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.27 FP. UW.01

TC_ID	FP.UW.01
Purpose	Enter email information with existing email in the database.
Requirements	3.2.4
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Forgot password page should be displayed.
Setup	Forgot password page should be accessible.
Procedure	[A01] Go to forgot password page.
	[A02] Enter exiting email
	[A03] Press submit button
	[A04] go to the email and press the reset link
	[A05] on the reset page enter existing email again

	[A06] on the reset page enter acceptable new password
	[A07] Press submit button
	[V01] Observe that the submission is successful
	-
Cleanup	Refresh

7.28 FP.UW.02

TC_ID	FP.UW.02
Purpose	Enter email information with non-existing email in the database.
Requirements	3.2.4
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Forgot password page should be displayed.
Setup	Forgot password page should be accessible.
Procedure	[A01] Go to forgot password page.
	[A02] Enter non-existing email
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.29 FP.UW.03

TC_ID	FP.UW.03
Purpose	Enter email information with an invalid email address.
Requirements	3.2.4
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Forgot password page should be displayed.
Setup	Forgot password page should be accessible.
Procedure	[A01] Go to forgot password page.
	[A02] Enter invalid email
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.30 BS.UW.01

TC_ID	BS.UW.01
Purpose	Search with item name of existing item in the database
Requirements	3.2.9
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search an existing item
	[V01] Searched item is displayed.

	-
Cleanup	Refresh

7.31 BS. UW.02

TC_ID	BS.UW.02
Purpose	Search with item category of existing category in the database.
Requirements	3.2.9
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search an item of an existing category
	[V01] Searched item is displayed.
	-
Cleanup	Refresh

7.32 BS. UW.03

TC_ID	BS.UW.03
Purpose	Search with item genre of existing genre in the database.
Requirements	3.2.9
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search an item of an existing genre
	[V01] Searched item is displayed.
	-
Cleanup	Refresh

7.33 BS. UW.04

TC_ID	BS.UW.04
Purpose	Search with item name of non-existing item in the database.
Requirements	3.2.9
Priority	Low.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search a non-existing item
	[V01] Error message is displayed.
	-
Cleanup	Refresh

7.34 BS. UW.05

TC_ID	BS.UW.05
Purpose	Search with item category of non-existing category in the database.
Requirements	3.2.9
Priority	Low.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search an item of non existing category
	[V01] Error message is displayed.
	-
Cleanup	Refresh

7.35 BS. UW.06

TC_ID	BS.UW.06
Purpose	Search with item genre of non-existing genre in the database.
Requirements	3.2.9
Priority	Low.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browser page.
	[A02] Search item of non existing genre
	[V01] Error message is displayed.
	-
Cleanup	Refresh

7.36 BS.UW.07

TC_ID	BS.UW.05
Purpose	Empty search
Requirements	3.2.9
Priority	Low.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Browser page should be accessible.
Procedure	[A01] Go to browse page.
	[A02] Perform an empty search
	[V01] All items in the database is displayed.
	-
Cleanup	Refresh

7.37 RA.UW.01

TC_ID	RA.UW.01
Purpose	Rate the recommended item by selecting a decimal number from 1 to 5.
Requirements	3.2.10
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	An item is displayed successfully.
Setup	Details page should be accessible.
Procedure	[A01] Go to details page.
	[A02] Select decimal number from 1 to 5
	[V01] Observe that the submission is successful
	-
Cleanup	Refresh

7.38 RA.UW.02

TC_ID	RA.UW.02
Purpose	Rate the recommended item by selecting an integer number from 1 to 5.
Requirements	3.2.10
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	An item is displayed successfully.
Setup	Details page should be accessible.
Procedure	[A01] Go to details page.
	[A02] Select integer number from 1 to 5
	[V01] Observe that the submission is successful
	-
Cleanup	Refresh

7.39 RA.UW.03

TC_ID	RA.UW.03
Purpose	Leave the rating area empty.
Requirements	3.2.10
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	An item is displayed successfully.
Setup	Details page should be accessible.
Procedure	[A01] Go to details page.
	[A02] Select nothing
	[V01] Observe that the submission is unsuccessful
	-
Cleanup	Refresh

7.40 BT.UW.01

TC_ID	BT.UW.01
Purpose	Profile button is pressed.
Requirements	3.2.7
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Profile page should be accessible.
Procedure	[A01] Go to main page.
	[A02] Press profile button.
	[V01] Profile page is displayed on the screen
	-
Cleanup	Refresh

7.41 BT.UW.02

TC_ID	BT.UW.02
Purpose	Logout button is pressed.
Requirements	3.2.7
Priority	Medium.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation should be successfully completed.
Setup	Logout button should be accessible.
Procedure	[A01] Press logout button from any page.
	[V01] Main page is displayed on the screen.
	-
Cleanup	NaN

7.42 BT.AW.01

TC_ID	BT.AW.01
Purpose	Database update button is pressed.
Requirements	3.2.11
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation as an admin should be successfully completed.
Setup	Database update button should be accessible.
Procedure	[A01] Press database update button from administration page.
	[V01] Proper message is displayed on the screen.
	-
Cleanup	NaN

7.43 BT.AW.02

TC_ID	BT.AW.02
Purpose	Model retrain button is pressed.
Requirements	3.2.11
Priority	High.
Estimated Time Needed	Less than 1 minute
Dependency	Login operation as an admin should be successfully completed.
Setup	Model retrain button should be accessible.
Procedure	[A01] Press model retrain button from administration page.
	[V01] Proper message is displayed on the screen.
	-
Cleanup	NaN