****

**ÇANKAYA UNIVERSITY**

**FACULTY OF ENGINEERING**

**COMPUTER ENGINEERING DEPARTMENT**

**Test Plan, Test Design Specifications and Test Cases**

**Version 1**

**CENG 408**

Innovative System Design and Development II

**AI CUSTOMER SUPPORT SYSTEM**

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# 

# **1. INTRODUCTION**

## **1.1 VersionControl**

|  |  |  |
| --- | --- | --- |
| **Version No** | **Description of Changes** | **Date** |
| 1.0 | First Version | October 17, 2019 |

## **1.2 Overview**

Developers and users will test our system. The system's buttons, pages and AI will be tested.

## **1.3 Scope**

This document contains the test plan of the use cases, test cases, and test design features.

## **1.4 Terminology**

|  |  |
| --- | --- |
| **Acronym** | **Definition** |
| GUI | Graphical User Interface |
| ML | Machine Learning |
| API | Application Programming Interface |
| AJAX | Asynchronous Javascript and XML |
| PHP | Hypertext Preprocessor |

# **2. FEATURES TO BE TESTED**

# This section lists and gives a brief description of all the major features to be tested. For example, pages and processes running inside the pages. For each major feature, there will be a Test Design Specification added at the end of this document.

## **2.1 Graphical User Interface (GUI)**

Graphical User Interface parts used in this project. We separated the GUI in 9 page which are Home, Register, Login, Install, Profile, Question, Ask Question, Category and Admin panel. GUI parts contain testing of GUI components such as page, buttons, etc

## **2.2 Database (DBS)**

This section includes test scenarios and test plans for Database. Database objects allow the saved records to be saved. Developers will test if the objects are not working. Testing these requirements will take place later in this document.

## **2.3 Machine Learning Program (MLP)**

This part contains test cases and test plans for ML. ML part will be tested on questions asked and answers received by users. The testing of this requirement will come off later in this document.

# **3. FEATURES NOT TO BE TESTED**

## **3.1 User question**

We cannot test user questions because every user in our system can ask any question.

# **4. REFERENCES**

[1] SDD\_100, November18, 2019

[2] SRS\_100, December 16, 2019

# **5. TEST DESIGN SPECIFICATIONS**

## **5.1 Graphical User Interface (GUI)**

[**5.1.1.1 Login (GUI.LOGIN\_BTN)**](#_heading=h.2jxsxqh)

Users log into the system with their email and password.

[**5.1.1.2 Register (GUI.RGSTR\_BTN)**](#_heading=h.z337ya)

Users register to the system from this button.

[**5.1.1.3 Ask a Question (GUI.ASAQ\_BTN)**](#_heading=h.3j2qqm3)

Users press this button to ask questions. An editor opens where users can write their questions.

[**5.1.1.4 Logout (GUI.LOGT\_BTN)**](#_heading=h.1y810tw)

Sessions ends when user press this button . The user exits the system at that moment.

[**5.1.1.5 Profile (GUI.PROF\_BTN)**](#_heading=h.4i7ojhp)

Users can view user information by pressing this button and also change some of their information.

[**5.1.1.6 Admin Panel (GUI.ADP\_BTN)**](#_heading=h.2xcytpi)

Administrators can view general and detailed information about the questions.

[**5.1.1.7 Categories (GUI.CTGRS\_BTN)**](#_heading=h.1ci93xb)

Users view questions about related categories.

[**5.1.1.8 Notification (GUI.NOTIF\_BTN)**](#_heading=h.3whwml4)

Users receive notifications about the answers to their questions.

[**5.1.1.9 Like (GUI.LIKE\_BTN)**](#_heading=h.2bn6wsx)

Users can rate all questions.

[**5.1.1.10 Dislike (GUI.DLIKE\_BTN)**](#_heading=h.qsh70q)

Users can rate all questions.

[**5.1.1.11 Profile Edit (GUI.PROFE\_BTN)**](#_heading=h.3as4poj)

Users can change the user information with this button.

[**5.1.1.12 Admin Panel Install (GUI.ADPIN\_BTN)**](#_heading=h.1pxezwc)

With this button, administrators can easily set up the database.

[**5.1.1.13 Admin Panel General Settings (GUI.ADPGS\_BTN)**](#_heading=h.49x2ik5)

Admins can customize the site information.

[**5.1.1.14 Admin Panel Users (GUI.ADPUR\_BTN)**](#_heading=h.49x2ik5)

Admins display a list of all users. They can do things like add and delete new users.

[**5.1.1.15 Admin Panel Questions (GUI.ADPQS\_BTN)**](#_heading=h.49x2ik5)

Admins can list questions. They display the status (whether it is solved) of questions from this list. They can delete questions.

[**5.1.1.16 Admin Panel Categories (GUI.ADPCT\_BTN)**](#_heading=h.49x2ik5)

Admins can add new categories, delete the category, and list all categories.

[**5.1.1.17 Admin Panel Comments (GUI.ADPCM\_BTN)**](#_heading=h.49x2ik5)

Admins can delete the comment, and list all comments.

[**5.1.1.18 Admin Panel Dashboard (GUI.ADPDB\_BTN)**](#_heading=h.49x2ik5)

Administrators can view how many questions are answered, how many questions are solved and how many are not.

[**5.1.1.19 Question Links (GUI.QLINK\_BTN)**](#_heading=h.49x2ik5)

It is a hyperlink that leads to the page of the relevant question.

[**5.1.1.20 Question Show More Comments (GUI.QUSCO\_BTN)**](#_heading=h.49x2ik5)

By pressing this button they can read more comments about the question.

[**5.1.1.21 Question Tags (GUI.QTAGS\_BTN)**](#_heading=h.49x2ik5)

A button to display the question with the related tags

[**5.1.1.22 Question Post Answer (GUI.QUPAN\_BTN)**](#_heading=h.49x2ik5)

This is the button that allows users to comment.

### **5.1.2 Test Cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.LOGIN\_BTN.01 | 3.1 | H | Press “Login” button. Then, login screen will be displayed. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.RGSTR\_BTN.01 | 3.1 | H | Press “Register” button. Then, register screen will be displayed. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ASAQ\_BTN.01 | 3.1 | M | Press “Ask a Question” button. Then, ask question screen will be displayed. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.LOGT\_BTN.01 | 3.1 | L | Press “Logout” button. Then, all sessions will be destroyed and you will be logged out. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.PROF\_BTN.01 | 3.1 | L | Press “Profile” button. Then, your profile page will be displayed. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADP\_BTN.01 | 3.1 | H | Press “Admin Panel” button. Then, you will be redirected to admin panel. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.CTGRS\_BTN.01 | 3.1 | L | Press “Categories” button. Then, a dropdown list will be displayed that shows all categories. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.NOTIF\_  BTN.01 | 3.1 | M | Press “Notifications” button. Then, your notifications will be displayed. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.LIKE\_BTN.01 | 3.1 | L | Press “Like” button to like the corresponding question or comment. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.DLIKE\_BTN.01 | 3.1 | L | Press “Dislike” button to dislike the corresponding question or comment. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.PROFE\_BTN.01 | 3.1 | L | Press “Edit” button to edit the corresponding information about your profile. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPIN\_BTN.01 | 3.1 | H | Press “Install” button. Then, you will be redirected to the install page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPGS\_BTN.01 | 3.1 | H | Press “General Settings” button. Then, you will be redirected to the general settings page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPUS\_BTN.01 | 3.1 | M | Press “Users” button. Then, you will be redirected to the users page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPQS\_BTN.01 | 3.1 | M | Press “Questions” button. Then, you will be redirected to the question page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPCT\_BTN.01 | 3.1 | M | Press “Categories” button. Then, you will be redirected to the categories page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPCM\_BTN.01 | 3.1 | M | Press “Comments” button. Then, you will be redirected to the comments page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.ADPDB\_BTN.01 | 3.1 | M | Press “Dashboard” button. Then, you will be redirected to the dashboard. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.QLINK\_BTN.01 | 3.1 | H | Press any question link. Then, you will be redirected to the corresponding question page. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.QUSCO\_BTN.01 | 3.1 | L | Press “Show more comments” button to load older comments. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.QTAGS\_BTN.01 | 3.1 | L | Press any question tag to display questions related with that tag. |

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| GUI.QUPAN\_BTN.01 | 3.1 | L | Press “Post Answer” button to post your comment to the question. |

## **5.2 Database (DBS)**

### **5.2.1 Subfeatures to be tested**

#### **5.2.1.1** [**Database Queries (DBS.DBQRY)**](#_heading=h.4f1mdlm)

This is not a user-side feature. Database queries are handled in backend of our program.

### 

### **5.2.2 Test Cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| DBS.DBQRY.01 | 3.1 | H | Login query to login to AICS. Gives error in wrong input. |
| DBS.DBQRY.02 | 3.1 | H | Register query to register to AICS. Gives error in wrong input. |
| DBS.DBQRY.03 | 3.1 | H | Ask question query to ask a question. Gives error in wrong input. |

## **5.3 Machine Learning Program (MLP)**

### **5.3.1 Subfeatures to be tested**

#### **5.3.1.1 Cosine Similarity (MLP.COSIM)**

This is not a user-side feature. Cosine similarity algorithm works on Python script.

### **5.3.2 Test Cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **TC ID** | **Requirements** | **Priority** | **Scenario Description** |
| MLP.COSIM.01 | 3.1 | H | If similarity is more than %30, then use the comment to the corresponding questions in the dataset. |
| MLP.COSIM.02 | 3.1 | H | If similarity is less than %30, then notify the user that experts will take care of the question. |

# **6. Detailed Test Cases**

## 6.1 GUI.LOGIN\_BTN.01

|  |  |
| --- | --- |
| **TC\_ID** | GUI.LOGIN\_BTN.01 |
| **Purpose** | Login to AICS. |
| **Requirements** | 3.1 |
| **Priority** | High |
| **Estimated Time Needed** | 6 Seconds |
| **Dependency** | Matching email and password. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Press Login in Navbar  [V01] Login Menu displayed  [A02] Enter email and password  [A03]Press Login button  [V02] View Homepage |
| **Cleanup** | - |

## **6.2** [**GUI.RGSTR\_BTN**](#_heading=h.z337ya)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.RGSTR\_BTN.01 |
| **Purpose** | Register to AICS. |
| **Requirements** | 3.1 |
| **Priority** | High |
| **Estimated Time Needed** | 20 Seconds |
| **Dependency** | All fields must be filled. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Press Sign-up in Navbar  [V01] Register Menu displayed  [A02] Enter user information  [A03]Press Register button  [V02] View Homepage |
| **Cleanup** | - |

## **6.3** [**GUI.ASAQ\_BTN**](#_heading=h.3j2qqm3)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ASAQ\_BTN.01 |
| **Purpose** | Asks a question. |
| **Requirements** | 3.1 |
| **Priority** | Medium |
| **Estimated Time Needed** | 1 Minute |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Click Ask a Question button  [V01] Writing Editor diplayed  [A02] Type the question and click submit button. |
| **Cleanup** | - |

## **6.4** [**GUI.LOGT\_BTN**](#_heading=h.1y810tw)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.LOGT\_BTN.01 |
| **Purpose** | Logout from AICS |
| **Requirements** | 3.1 |
| **Priority** | Low |
| **Estimated Time Needed** | - |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Click Logout button from navbar  [V01] Display Homepage |
| **Cleanup** | - |

## **6.5** [**GUI.PROF\_BTN**](#_heading=h.4i7ojhp)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.PROF\_BTN.01 |
| **Purpose** | View user information. |
| **Requirements** | 3.1 |
| **Priority** | Low |
| **Estimated Time Needed** | - |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Click Profile from navbar  [V01] User information will be displayed |
| **Cleanup** | - |

## **6.6** [**GUI.ADP\_BTN**](#_heading=h.2xcytpi)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADP\_BTN.01 |
| **Purpose** | Admins manage systems. |
| **Requirements** | 3.1 |
| **Priority** | High |
| **Estimated Time Needed** | - |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Click Admin Pannel  [V01] Administrators can view general and detailed information about the questions. |
| **Cleanup** | - |

## **6.7** [**GUI.CTGRS\_BTN**](#_heading=h.1ci93xb)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.CTGRS\_BTN.01 |
| **Purpose** | Users view questions about related categories. |
| **Requirements** | 3.1.3 |
| **Priority** | Low |
| **Estimated Time Needed** | - |
| **Dependency** | - |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Press “Categories” button.  [V01] Categories will be displayed. |
| **Cleanup** | - |

## **6.8** [**GUI.NOTIF\_BTN**](#_heading=h.3whwml4)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.NOTIF\_BTN.01 |
| **Purpose** | Users receive notifications about the answers to their questions. |
| **Requirements** | 3.1.3 |
| **Priority** | Medium |
| **Estimated Time Needed** | 10 Seconds |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any account.  [A02] Press “Notification” button.  [V01] Your notifications will be displayed. |
| **Cleanup** | - |

## **6.9** [**GUI.LIKE\_BTN**](#_heading=h.2bn6wsx)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.LIKE\_BTN.01 |
| **Purpose** | Users can rate all questions. |
| **Requirements** | 3.1 |
| **Priority** | Low |
| **Estimated Time Needed** | 1 Minutes |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any account.  [A02] Go to any question.  [A03] Press “Like” button.  [V01] The corresponding question/comment will be liked. |
| **Cleanup** | - |

## **6.10** [**GUI.DLIKE\_BTN**](#_heading=h.qsh70q)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.DLIKE\_BTN.01 |
| **Purpose** | Users can rate all questions. |
| **Requirements** | 3.1 |
| **Priority** | Low |
| **Estimated Time Needed** |  |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any account.  [A02] Go to any question.  [A03] Press “Dislike” button.  [V01] The corresponding question/comment will be disliked. |
| **Cleanup** | - |

## **6.11** [**GUI.PROFE\_BTN**](#_heading=h.3as4poj)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.PROFE\_BTN.01 |
| **Purpose** | User can change user information. |
| **Requirements** | 3.1 |
| **Priority** | Low |
| **Estimated Time Needed** | 10 Seconds |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any account.  [A02] Press “Profile” button.  [A03] Press any “Edit” button.  [V01] You can edit the corresponding information. |
| **Cleanup** | - |

## **6.12** [**GUI.ADPIN\_BTN**](#_heading=h.1pxezwc)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPIN\_BTN.01 |
| **Purpose** | With this button, administrators can easily set up the database. |
| **Requirements** | 3.1 |
| **Priority** | High |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “Install” button.  [V01] You will be redirected to the admin install page. |
| **Cleanup** | - |

## **6.13** [**GUI.ADPGS\_BTN**](#_heading=h.49x2ik5)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPGS.BTN.01 |
| **Purpose** | Admins will see the general settings of users |
| **Requirements** | 3.1.6 |
| **Priority** | High |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “General Settings” button.  [V01] You will be redirected to the admin general settings page. |
| **Cleanup** | - |

## **6.14** [**GUI.ADPUS\_BTN**](#_heading=h.49x2ik5)**.01**

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPUS\_BTN.01 |
| **Purpose** | Player can see the standings on the right side of the screen. |
| **Requirements** | 3.1.6 |
| **Priority** | Medium |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “Users” button.  [V01] You will be redirected to the admin users page. |
| **Cleanup** | - |

## **6.15** [**GUI.ADPQS\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPQS\_BTN.01 |
| **Purpose** | Shows the questions asked |
| **Requirements** | 3.1.6 |
| **Priority** | Medium |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “Questions” button.  [V01] You will be redirected to the admin questions page. |
| **Cleanup** | - |

## **6.16** [**GUI.ADPCT\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPCT\_BTN.01 |
| **Purpose** | Correction is made, indicating the categories that occur. |
| **Requirements** | 3.1.6 |
| **Priority** | Medium |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “Categories” button.  [V01] You will be redirected to the admin categories page. |
| **Cleanup** | - |

## 

## 

## **6.17** [**GUI.ADPCM\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPCM\_BTN.01 |
| **Purpose** | Shows the comments |
| **Requirements** | 3.1.6 |
| **Priority** | Medium |
| **Estimated Time Needed** | 30 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [A03] Press “Comments” button.  [V01] You will be redirected to the admin comments page. |
| **Cleanup** | - |

## **6.18** [**GUI.ADPDB\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.ADPCM\_BTN.01 |
| **Purpose** | Administrators can view how many questions are answered, how many questions are solved and how many are not. |
| **Requirements** | 3.1.6 |
| **Priority** | Medium |
| **Estimated Time Needed** | 20 Seconds |
| **Dependency** | User must be logged in and admin. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Login to any admin account.  [A02] Press “Admin Panel” button.  [V01] You will be redirected to the admin dashboard. |
| **Cleanup** | - |

## **6.19** [**GUI.QLINK\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.QLINK\_BTN.01 |
| **Purpose** | It is a hyperlink that leads to the page of the relevant question. |
| **Requirements** | 3.1.6 |
| **Priority** | High |
| **Estimated Time Needed** | - |
| **Dependency** | - |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Press any question button.  [V01] You will be redirected to the corresponding question. |
| **Cleanup** | - |

## 

## **6.20** [**GUI.QUSCO\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.QUSCO\_BTN.01 |
| **Purpose** | By pressing this button they can read more comments about the question. |
| **Requirements** | 3.1.6 |
| **Priority** | Low |
| **Estimated Time Needed** | - |
| **Dependency** | - |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Go to question  [A02] Press “Show more comments” button.  [V01] Older comments will be loaded. |
| **Cleanup** | - |

## 

## **6.21** [**GUI.QTAGS\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.QTAGS\_BTN.01 |
| **Purpose** | When pressed on this tag, it willdisplay the questions with that label. |
| **Requirements** | 3.1.6 |
| **Priority** | Low |
| **Estimated Time Needed** | - |
| **Dependency** | - |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Go to question  [A02] Press any tag button.  [V01] You will be redirected to the corresponding tag. |
| **Cleanup** | - |

## **6.22** [**GUI.QUPAN\_BTN**](#_heading=h.49x2ik5)**.01**

## 

|  |  |
| --- | --- |
| **TC\_ID** | GUI.QUPAN\_BTN.01 |
| **Purpose** | This is the button that allows users to comment. |
| **Requirements** | 3.1.6 |
| **Priority** | Low |
| **Estimated Time Needed** | 10 Seconds |
| **Dependency** | User must be logged in. |
| **Setup** | Application must be installed in companies live server. |
| **Procedure** | [A01] Write your comment.  [A02] Press “Post Answer” button.  [V01] Your comment will be displayed on comments section. |
| **Cleanup** | - |