

User Guide

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A. GENERAL INFORMATION

1.1 System Overview

- A software system based on window platform
- User Quiz Managing System
- This Web Application is made for making Quiz and managing Questions. Authorized manager could create, read, update, delete questions and user could generate Quiz based on topic they choose. Questions are stored in XML database file and result and quiz information could be exported.

1.2 Project References

B. SYSTEM SUMMARY

2.1 System Configuration

- In the start page, there is menu bar of the top. Menu bar is composed of Program, File and Help. On managing quiz, question list will be shown at the left side of page and details will be displayed right side. Plus, when adding or editing question, pop up page will be coming with text field. On playing quiz, question details with answer field will be shown. At end of quiz, result score is shown too.
- On managing and making quiz page, user can search questions by first topic of question. There is search bar on the top of column list on left side.

2.2 Data Flows

- User enter id and password for login and they will be compared with fixed valid string. Data from XML file will be loaded at the point application executed and used for whole performance and saved again to XML file.
- Result of quiz and contents of quiz will be exported with text file form.

2.3 User Access Levels

- User could access to question database only by application. Changing id or password is not allowed and all exported files are made by user's acting (enter username or choosing topic to be quiz).

C. GETTING STARTED

3.1 Start System

- System will be start with main menu of “Managing Quiz” and “Playing Quiz”.

3.2 File Menu

- On File menu, user can import new questions by “Open” button with new XML file. User also can save current questions list to novel XML file using “Save” button.

3.3 Program and About Menu

- On Program menu, “Restart” button will bring user to main page, with main menu (on 3.1 start system). User can exit system by “Exit” button. On About menu, user can read documents about this application. For example, this user guide for “Help” button and result text file for “Result” button.

3.4 Exit System

- When exiting system, user can use “Exit” button is Program menu or just “X” button on the top.

D. USING the SYSTEM

4.1 [Managing Quiz]

4.1.1 Edit

- If user click one question in the list on left table, that question's details will be shown on right side and user can edit data by using "Edit" button in menu.

4.1.2 Delete

- Same with edit function, user can delete certain question using "Delete" button.

4.1.3 Add MCQuestion

- User can add new multi-choices question in the table of questions using "Add (MCQ)".

4.1.4 Add Open Question

- User can add new open question in the table of questions using "Add (Open)".

4.2 [Playing Quiz]

4.2.1 Choose Topic

- List of questions will be on side and search any topic user want then is user want to play with that topic, user can start quiz with button on right bottom of page.

4.2.2 Start Quiz

- If topic is selected, topic and number of questions will be shown on page. Then user can start quiz by pressing "Start" on right bottom of the page.

4.2.3 Result

- After solving all questions, user can check his/her result and score. On the left top side, user can enter his/her name and can save result to text file or export quiz in text file form using menu.
- Quiz exported as list of questions in the form like below.
- Result is stored in the form like below.

Result [result=0/4, score=0.0%, topic=Quiz common sense, name=jiwoo, date=2019/06/12 21:42:18]

4.3 Special Instructions for Error Correction

- End of executing application, if there are some changes and want to remain it, user

should user “Save” button to hold the data to XML file.

- Valid id and password for login : “admin” / “password”.
- Database XML file will be generated automatically if it does not exist (quesitonDB.xml).
- Result file will be generated automatically if it does not exist (Result.txt).
- Open question and MCQuestion should be treated separately. Open question should not be edited to MCQuestion and vice versa.
- About search feature, in both managing page and choosing quiz topic page search is able. While managing, search result shows all questions whose first topic contains search string. But making quiz, search result shows only question whose first topic equals exactly with the search string.