

**ABI-LEARN.ORG**

**User Guide**

# ABI-LEARN E-Learning Platform

- 3 Applications
  - Assignment Designer (Teacher Access Only)
  - Student Manager (Teacher Access Only)
  - HomeWorker



Assignment  
Designer



Student  
Manager



Homeworker

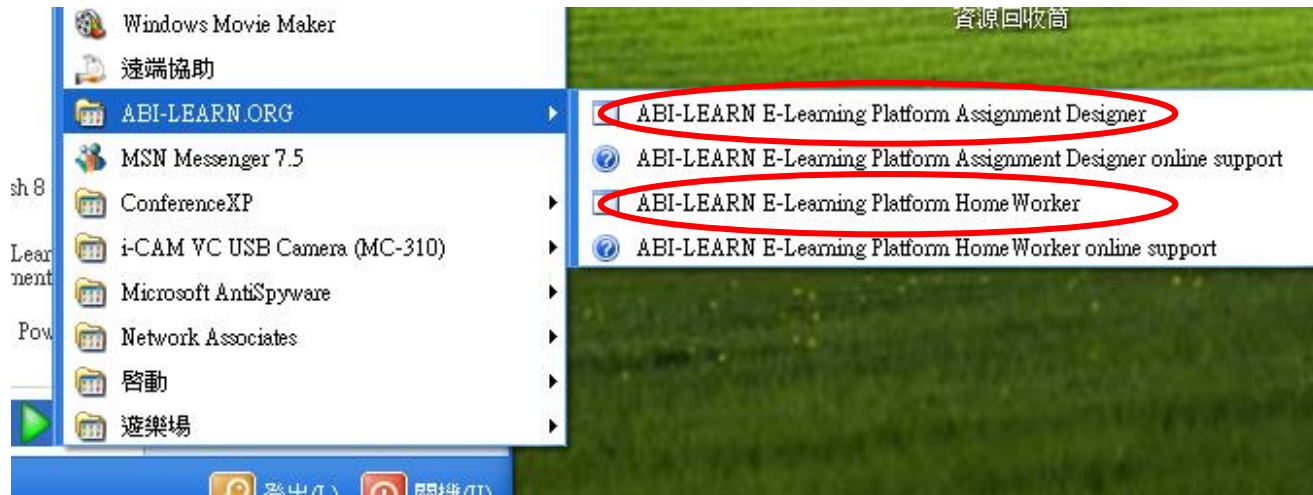
# Installation

- ABI-LEARN Homepage
- <http://www.abi-learn.org/>
- Click installation
- Prerequisites:
  - Windows XP SP2
  - .NET Framework 2.0
  - Macromedia Flash Player 8.0

- **Assignment Designer**
  - To design an assignment for students
  - MC support only
  - Manage your own MM object
- **Student Manager**
  - Review and monitor student performance
- **HomeWorker**
  - Play the assignment created by teacher of the school

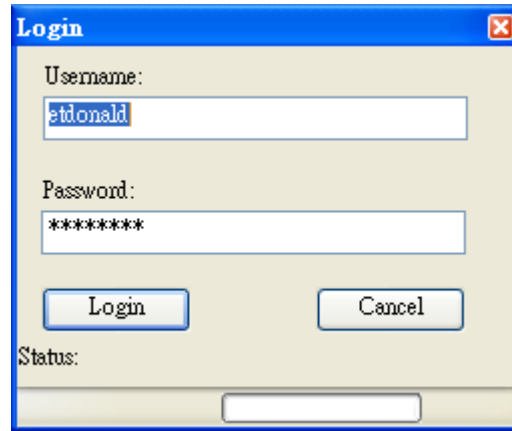


# Run the program



- Click “Start Menu” and choose “ABI-LEARN.ORG” Group
- To author a assignment, click “Assignment Designer”
- To “play” a assignment, click “HomeWorker”

# Login



Username:  
etdonald

Password:  
\*\*\*\*\*

Login Cancel

Status:

- Enter your “username” and “password” in the “Login” dialog box for both program.
- Student can access “HomeWorker” only.

# Assignment Designer

Assignment List Panel

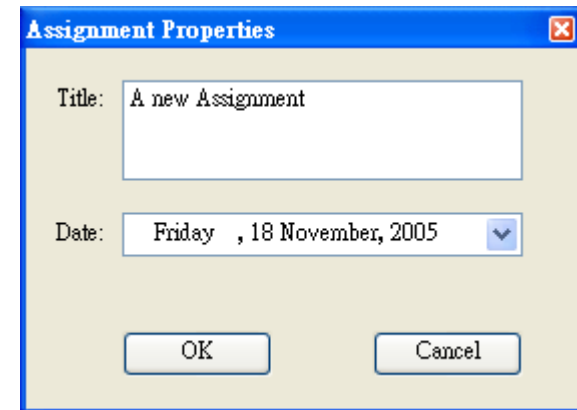
New Copy Delete Refresh

|    | TopicLink   | Create Date      | Ref. ID                              |
|----|---|------------------|--------------------------------------|
| 1  | <input type="checkbox"/> <a href="#">First Trial on 7/10/2005 (3 Questions)</a> | 7/10/2005 16:41  | e2434145-43f7-433a-b5d3-5ed6af95dee1 |
| 2  | <input type="checkbox"/> <a href="#">2nd Trial on 7 / 10 / 2005</a>             | 7/10/2005 16:51  | befd4414-5bde-40aa-8efd-f21ee5c70f2b |
| 3  | <input type="checkbox"/> <a href="#">2nd Trial on 8 / 10 / 2005</a>             | 8/10/2005 12:38  | 1c79e80d-ed3a-418d-8ccd-e6766dc44e02 |
| 4  | <input type="checkbox"/> <a href="#">New Exercise Demo on 8 / 10 / 2005</a>     | 8/10/2005 13:05  | 303515da-8dec-4096-844a-c05942346616 |
| 5  | <input type="checkbox"/> <a href="#">New Exercise Demo on 8 / 10 / 2005</a>     | 16/10/2005 18:32 | b6b77d12-5415-49da-8dc5-c68d2b82c6dd |
| 6  | <input type="checkbox"/> <a href="#">2nd Trial on 8 / 18 / 2005</a>             | 16/10/2005 19:02 | fe9a3c37-53e1-4131-bd63-832fbaf08534 |
| 7  | <input checked="" type="checkbox"/> <a href="#">New Demo on 17 / 10 / 2005</a>  | 17/10/2005 15:00 | 4aaa243a-fddd-4eb3-a344-5c798a0c3fc9 |
| 8  | <input checked="" type="checkbox"/> <a href="#">Test Trial (Joanne)</a>         | 17/10/2005 17:44 | 7ee2480b-31f7-42f6-94f0-6f5e78b04a5f |
| 9  | <input type="checkbox"/> <a href="#">Trail 2 Joanne</a>                         | 20/10/2005 16:44 | 579eead4-13ea-48eb-bf93-fe895d72563b |
| 10 | <input type="checkbox"/> <a href="#">Exercise</a>                               | 2/11/2005 17:15  | 1559bcc2-c904-4b7c-9078-50779d36a852 |
| 11 | <input type="checkbox"/> <a href="#">Exercise</a>                               | 7/11/2005 16:44  | 9186785e-2f09-4b28-8234-b6fc7ba69750 |

# Create an assignment



1. Click “New” in the toolbar
2. Enter the name of the assignment
3. Click “OK”



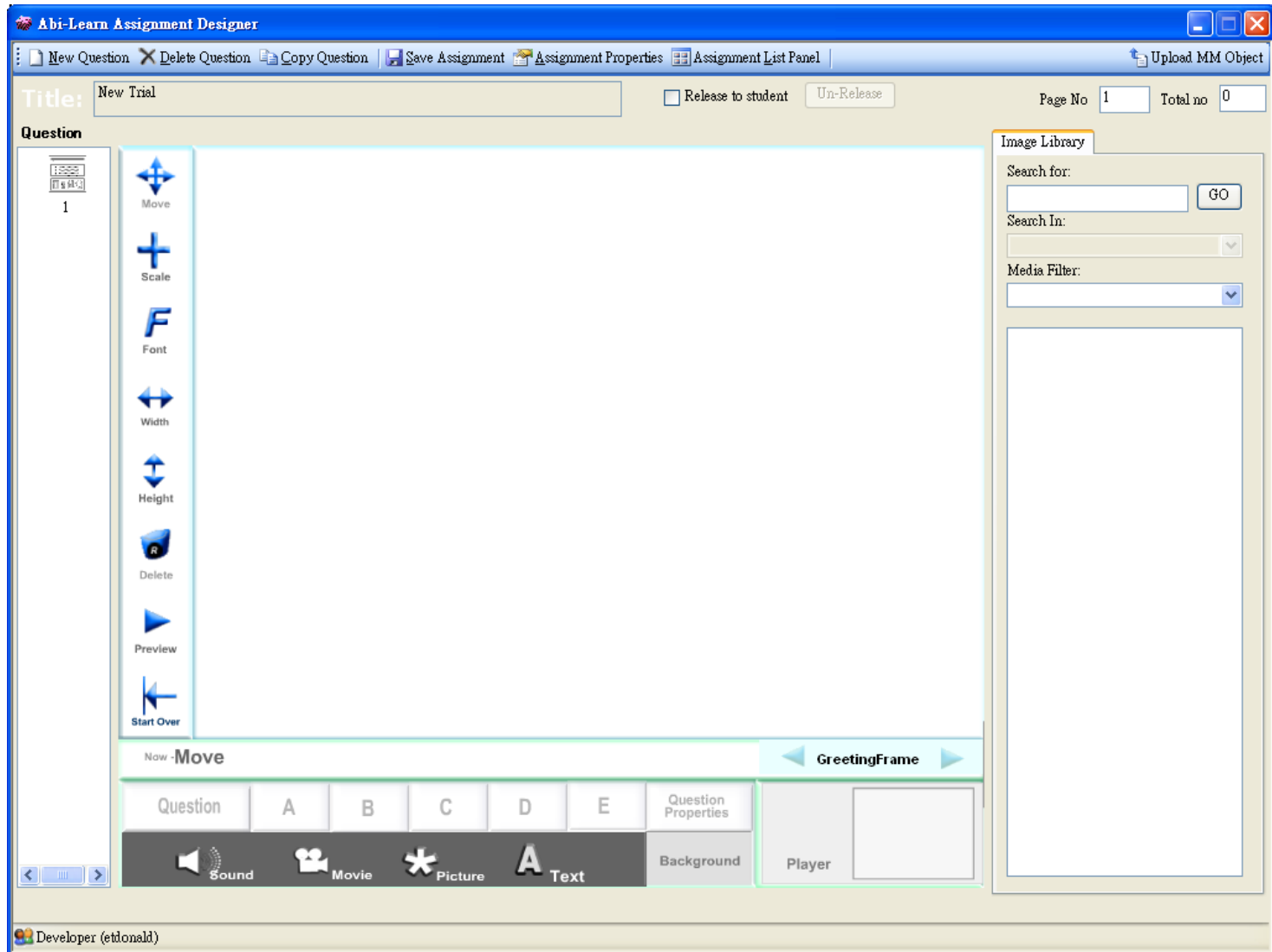
# Copy / Delete Assignment

|    | TopicLink   | Create Date      | Ref. ID |
|----|---|------------------|---------|
| 1  | <input type="checkbox"/> <a href="#">First Trial on 7/10/2005 (3 Questions)</a> | 7/10/2005 16:41  | e24341  |
| 2  | <input type="checkbox"/> <a href="#">2nd Trial on 7 / 10 / 2005</a>             | 7/10/2005 16:51  | befd44  |
| 3  | <input type="checkbox"/> <a href="#">2nd Trial on 8 / 10 / 2005</a>             | 8/10/2005 12:38  | 1c79e8  |
| 4  | <input type="checkbox"/> <a href="#">New Exercise Demo on 8 / 10 / 2005</a>     | 8/10/2005 13:05  | 303515  |
| 5  | <input type="checkbox"/> <a href="#">New Exercise Demo on 8 / 10 / 2005</a>     | 16/10/2005 18:32 | b6b77c  |
| 6  | <input type="checkbox"/> <a href="#">2nd Trial on 8 / 18 / 2005</a>             | 16/10/2005 19:02 | fe9a3c  |
| 7  | <input checked="" type="checkbox"/> <a href="#">New Demo on 17 / 10 / 2005</a>  | 17/10/2005 15:00 | 4aaa24  |
| 8  | <input checked="" type="checkbox"/> <a href="#">Test Trial (Joanne)</a>         | 17/10/2005 17:44 | 7ee248  |
| 9  | <input type="checkbox"/> <a href="#">Trail 2 Joanne</a>                         | 20/10/2005 16:44 | 579ee2  |
| 10 | <input type="checkbox"/> <a href="#">Exercise</a>                               | 2/11/2005 17:15  | 1559bc  |
| 11 | <input type="checkbox"/> <a href="#">Exercise</a>                               | 7/11/2005 16:44  | 918678  |

1. Select the targeted assignment(s) by clicking the checkbox(s)
2. Click “Copy” / “Delete” button in the toolbar
3. Copied assignment(s) display at the end of the list.



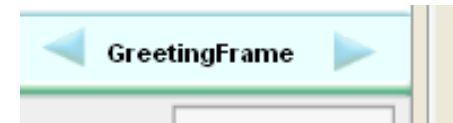
# Assignment Designer – Main Panel



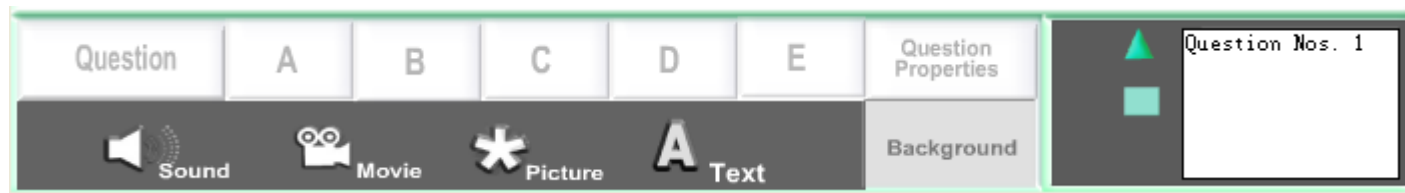
# Create a question



- To create a question, click “New Question”
- For each question, 4 frames are available for use:
  - Greeting
  - Main Frame (Question & Alternatives)
  - Correct Frame (Correct Prompt)
  - Wrong Frame (Incorrect Prompt)



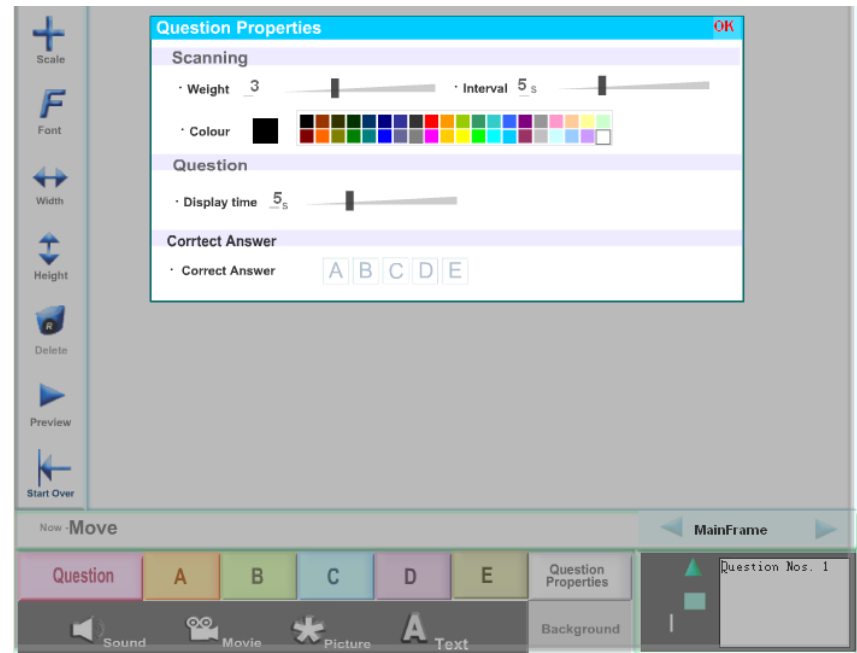
- User can enter “Sound”, “Movie”, “Picture” and “Text” for each of the frame, note that each file categories can input once only.



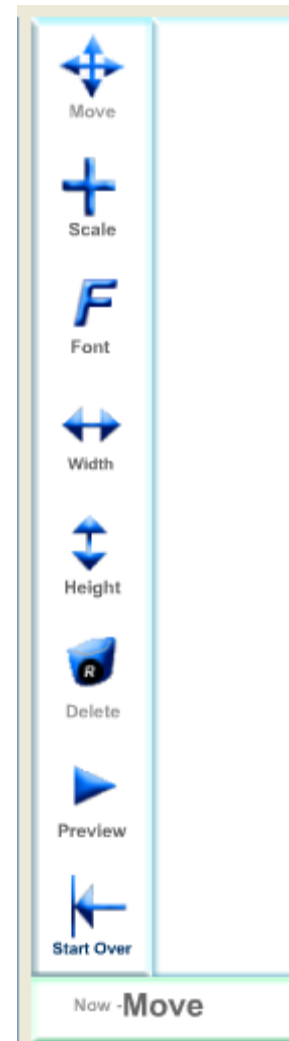
- Input of Text
  - Click on the “Text”, and then type at the box next to it, then upload it to the screen on top by clicking the triangle on the left side of the box.
- Insert of Picture/ Sound/ Movie clip
  - Click on the corresponding file category, the corresponding files will appear on the right column, then drag and hold the selected file to the box. Finally, click the green triangle on the left to upload it to the top screen.

- Main Frame

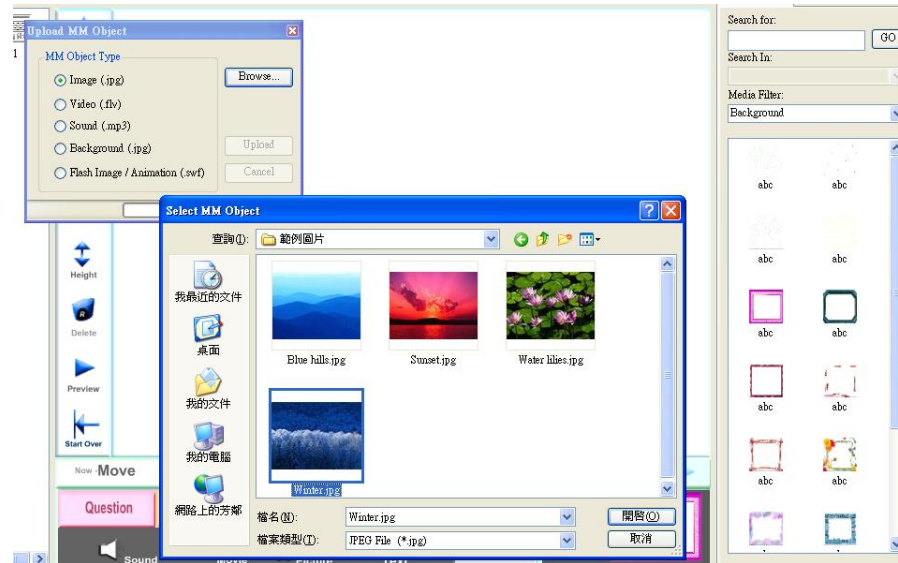
- Click “Question” / Answers (“A”, “B”, “C”, “D” or “E”) individually to input the different items same as in the other frame.
- Click “Question Properties” to set the weight, interval and color for the scanning displays. Select the question display time for the length of time that the question to be appeared. Indicate the correct answer by selecting the correct alphabet for that question.



- Background setting
  - Click ‘Background”, select the file on the right column to insert the background that will display on all of the frames of that particular question.
- Other buttons:
  - “Move” - click the “Move” button, and drag the object to the place you want.
  - “Scale”- click the button, re-size the object (exclude text) by dragging along the selection bar.
  - “Font”- click to re-size and change the color of the font. To select color fonts, click the color ‘F’ icon next to the color panel, and then click on the preferred color.
  - “Width” and “Height”- click to re-scale the size of the text box.



# Upload multi-media object



- Upload multi-media objects
- If the image library does not equipped with the multi media objects that you want, you can add and upload the file from your computer to the network system.
- Click “Upload MM Object” on the top right corner, then a pop up box will appear.
- Select the type of file that you would like to upload, then click “Browse” and select the corresponding object file.
- Click “Upload”, the object will be appeared on the right column and ready for use.
- To delete unwanted MM object, right click the thumbnail and remove



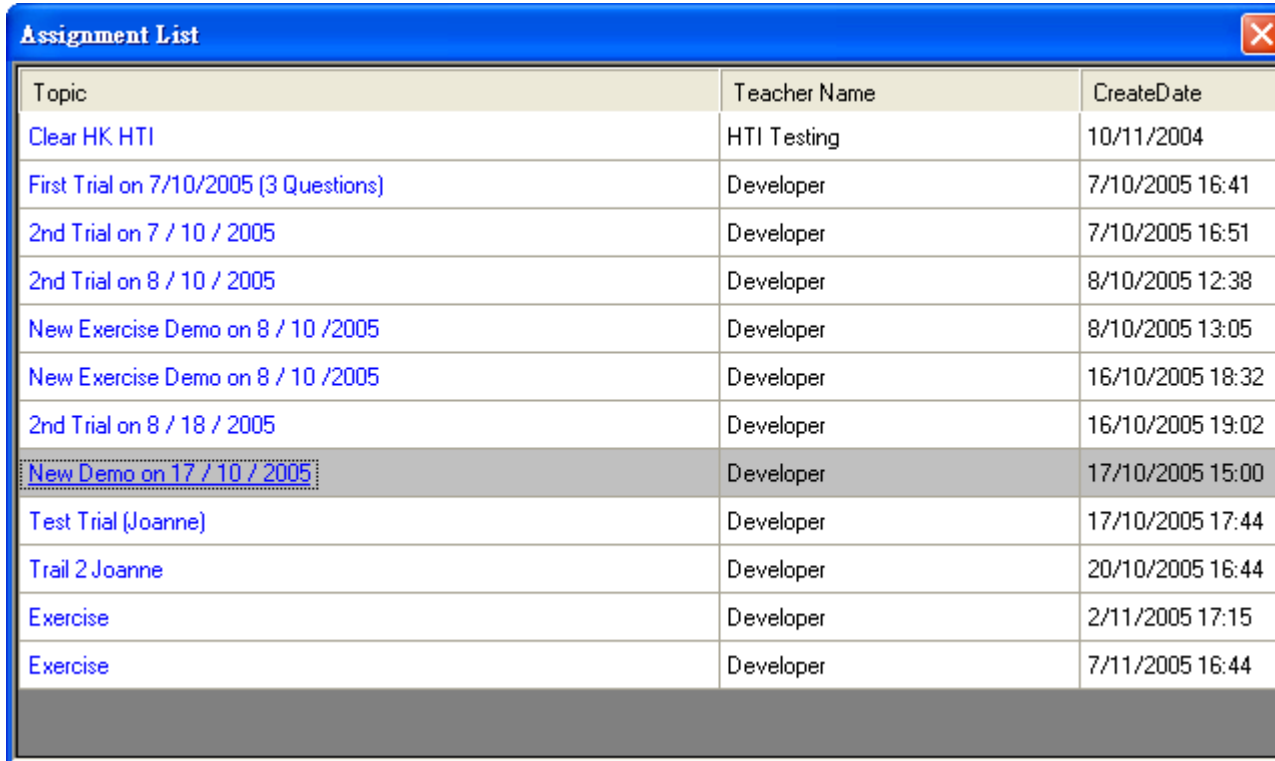
- You can copy the entire question by using the “Copy Question” button.
- Click “Delete Question” to remove the question from the assignment.
- Remember to click “Save Assignment” to store the changes that you have made.
- Once your assignment is ready to release for student, check “Release to Student” and Save
- Any assignment is set to “Release to Student”, it is locked and cannot be save. You can unlock and return to edit again.



Release to student

Un-Release

# HomeWorker



The screenshot shows a window titled "Assignment List" with a close button in the top right corner. The window contains a table with three columns: "Topic", "Teacher Name", and "CreateDate". The table lists various assignments, with the row "New Demo on 17 / 10 / 2005" highlighted in grey. The "CreateDate" column shows dates and times, such as "10/11/2004" and "7/10/2005 16:41".

| Topic                                  | Teacher Name | CreateDate       |
|--|--------------|------------------|
| Clear HK HTI                           | HTI Testing  | 10/11/2004       |
| First Trial on 7/10/2005 (3 Questions) | Developer    | 7/10/2005 16:41  |
| 2nd Trial on 7 / 10 / 2005             | Developer    | 7/10/2005 16:51  |
| 2nd Trial on 8 / 10 / 2005             | Developer    | 8/10/2005 12:38  |
| New Exercise Demo on 8 / 10 /2005      | Developer    | 8/10/2005 13:05  |
| New Exercise Demo on 8 / 10 /2005      | Developer    | 16/10/2005 18:32 |
| 2nd Trial on 8 / 18 / 2005             | Developer    | 16/10/2005 19:02 |
| New Demo on 17 / 10 / 2005             | Developer    | 17/10/2005 15:00 |
| Test Trial (Joanne)                    | Developer    | 17/10/2005 17:44 |
| Trail 2 Joanne                         | Developer    | 20/10/2005 16:44 |
| Exercise                               | Developer    | 2/11/2005 17:15  |
| Exercise                               | Developer    | 7/11/2005 16:44  |

- Select and click the assignment want to play

# HomeWorker

Trail 2 Joanne by etdonald - Abi-Learn Home Worker

Next Play Pause Stop Re-Start

Assignment List Panel Performance Report

Setting

Auto Next  Scanning

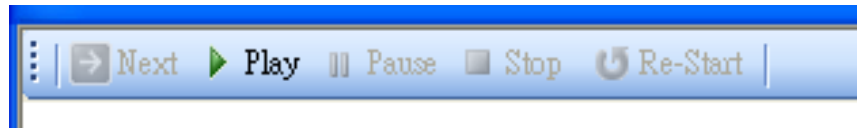
$8+7=$

A:13      B:14      C: 15

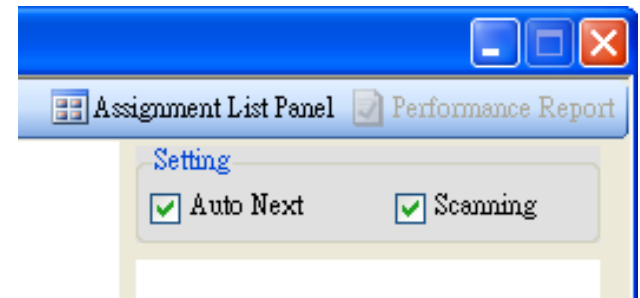
| QNo | Result                   | Time Used (s) | Ans. Clicked |
|-----|--------------------------|---------------|--------------|
| 1   | <input type="checkbox"/> |               |              |
| 2   | <input type="checkbox"/> |               |              |
| 3   | <input type="checkbox"/> |               |              |
| 4   | <input type="checkbox"/> |               |              |

Developer (etdonald)      Time Elapsed: 00:05:46      Question: 1 of 4


- Click “Play” to start playing the assignment



- By default, the system is set to activated with “Auto Next” and “Scanning” function, uncheck if you want to stop these functionality
  - “Auto Next”: automatically proceed to next question
  - Scanning: Turn On / Off scanning function

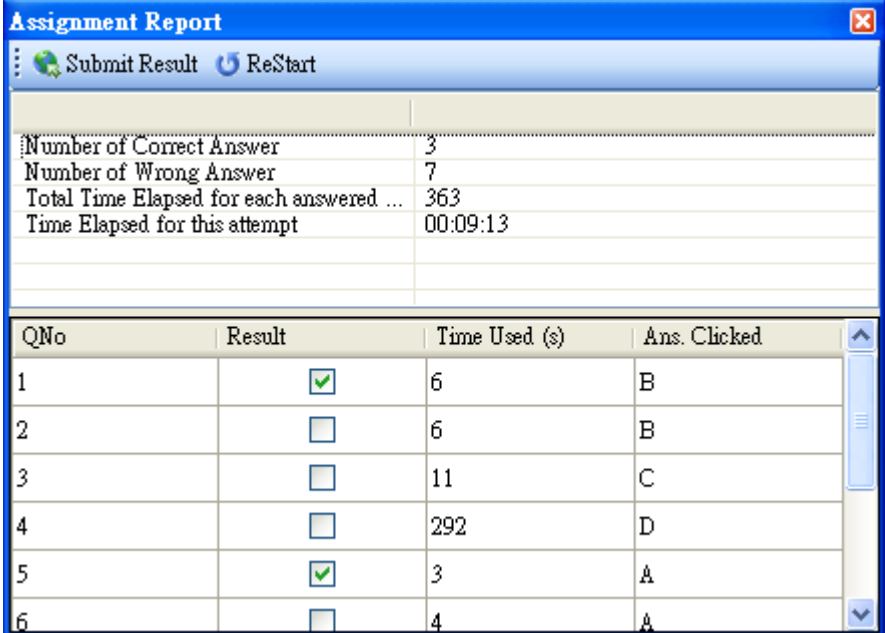


- Progress report will be shown at the right column
- A “star” will be displayed if the question is answered correctly.



| QNo | Result                              | Time Used | Ans. Clicked |
|-----|-------------------------------------|-----------|--------------|
| 1   | <input checked="" type="checkbox"/> | 6         | B            |
| 2   | <input type="checkbox"/>            | 6         | B            |
| 3   | <input type="checkbox"/>            | 11        | C            |
| 4   | <input type="checkbox"/>            |           |              |
| 5   | <input type="checkbox"/>            |           |              |
| 6   | <input type="checkbox"/>            |           |              |
| 7   | <input type="checkbox"/>            |           |              |
| 8   | <input type="checkbox"/>            |           |              |
| 9   | <input type="checkbox"/>            |           |              |

- Once completed the assignment, a report will be displayed
- Click “Submit Result” to submit the performance result to server.
- Click “Re-Start” to play the same assignment again



The screenshot shows a window titled "Assignment Report" with a blue header bar. Below the header, there are two buttons: "Submit Result" (with a globe icon) and "ReStart" (with a refresh icon). The main content area is divided into two sections. The top section is a summary table with the following data:

|  |          |
|--|----------|
| Number of Correct Answer                 | 3        |
| Number of Wrong Answer                   | 7        |
| Total Time Elapsed for each answered ... | 363      |
| Time Elapsed for this attempt            | 00:09:13 |

The bottom section is a table with the following columns: "QNo", "Result", "Time Used (s)", and "Ans. Clicked". The data rows are as follows:

| QNo | Result                              | Time Used (s) | Ans. Clicked |
|-----|-------------------------------------|---------------|--------------|
| 1   | <input checked="" type="checkbox"/> | 6             | B            |
| 2   | <input type="checkbox"/>            | 6             | B            |
| 3   | <input type="checkbox"/>            | 11            | C            |
| 4   | <input type="checkbox"/>            | 292           | D            |
| 5   | <input checked="" type="checkbox"/> | 3             | A            |
| 6   | <input type="checkbox"/>            | 4             | A            |

# Student Manager

- To review student performance

The screenshot displays the Student Manager application interface. It features a main window with a table of students, a secondary window showing a list of attempts, and a third window displaying an assignment report.

**Student Manager Table:**

| User Name                | Student Full Name |
|--------------------------|-------------------|
| <a href="#">etdonald</a> | Developer         |
| <a href="#">student1</a> | Student Guest 1   |
| <a href="#">htdonald</a> | HTL...            |

**List of Attempts Table:**

| Topic                               | Date of Attempt  |
|-------------------------------------|------------------|
| <a href="#">Exercise</a>            | 20/11/2005 13:32 |
| <a href="#">Test Trial (Joanne)</a> | 15/11/2005 12:51 |
| <a href="#">Exercise</a>            | 15/11/2005 11:42 |
| <a href="#">Trail 2 Joann</a>       |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">Exercise</a>            |                  |
| <a href="#">New Demo o</a>          |                  |
| <a href="#">New Exercis</a>         |                  |
| <a href="#">New Exercis</a>         |                  |
| <a href="#">New Exercis</a>         |                  |
| <a href="#">New Exercis</a>         |                  |
| <a href="#">New Exercis</a>         |                  |
| <a href="#">New Exercis</a>         |                  |

**Assignment Report Table:**

| QNo | Result                              | Time Used (s) | Ans. Clicked |
|-----|-------------------------------------|---------------|--------------|
| 1   | <input type="checkbox"/>            | 2             | A            |
| 2   | <input type="checkbox"/>            | 2             | A            |
| 3   | <input type="checkbox"/>            | 4             | B            |
| 4   | <input type="checkbox"/>            | 4             | B            |
| 5   | <input checked="" type="checkbox"/> | 12            | A            |
| 6   | <input type="checkbox"/>            | 1             | A            |

**Summary Statistics:**

|  |    |
|--|----|
| Number of Correct Answer                 | 2  |
| Number of Wrong Answer                   | 8  |
| Total Time Elapsed for each answered ... | 60 |

# Installation of Key Wizard

- Download and de-compress KeyWizard.zip
- Click Direct X runtime “mdxredist.msi”
- Before run “KeyWizard.EXE”, plug the joystick into USB port
- Run “KeyWizard”
- Type the correct key mapping for scanning purpose and then click Set

# File Format

- Movie: Flash Video (FLV)
- Audio: MP3
- Background: Non-Progressive JPEG
- Image / Animation: Non-Progressive JPEG / Shockwave Flash (SWF)
  
- Converter for FLV and MP3 can be downloaded at <http://www.download.com>