



zLearn



Version 1.6

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Teacher Manual

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1. Introduction

Zaref zLearn Teacher is an application that allows the user (the teacher) to connect with Zaref zLearn Student through wireless or wired Ethernet networks. You can see students registered for your class, create and send multiple choice questions in the form of a quiz, questionnaire or poll, receive responses from students and view response analysis by student and question.

1.1 Prerequisites

*In order for you to fully understand the user manual you are first required to read and understand the document '**zLearn System Overview**' that details basic hardware, software and system requirements.*

For the zLearn system to work properly the device upon which the Teacher Application is installed must be connected to a network via some interface card. This may be either a LAN interface or WiFi interface. Once the machine is connected the Teacher Application can be started. When the Teacher Application is started there is no default session. For any further step to be successfully taken a session must be opened. If you have no pre-saved session then you should open a new session. If you have saved the responses of a session then this session can't be used again to run the quiz. You have the option of cloning this session which will create a new session similar to the original but without the responses. The Teacher Application requires a license to operate fully with all features. If you have now installed the Teacher Application or have not licensed it as yet it will run in Demonstration mode only.

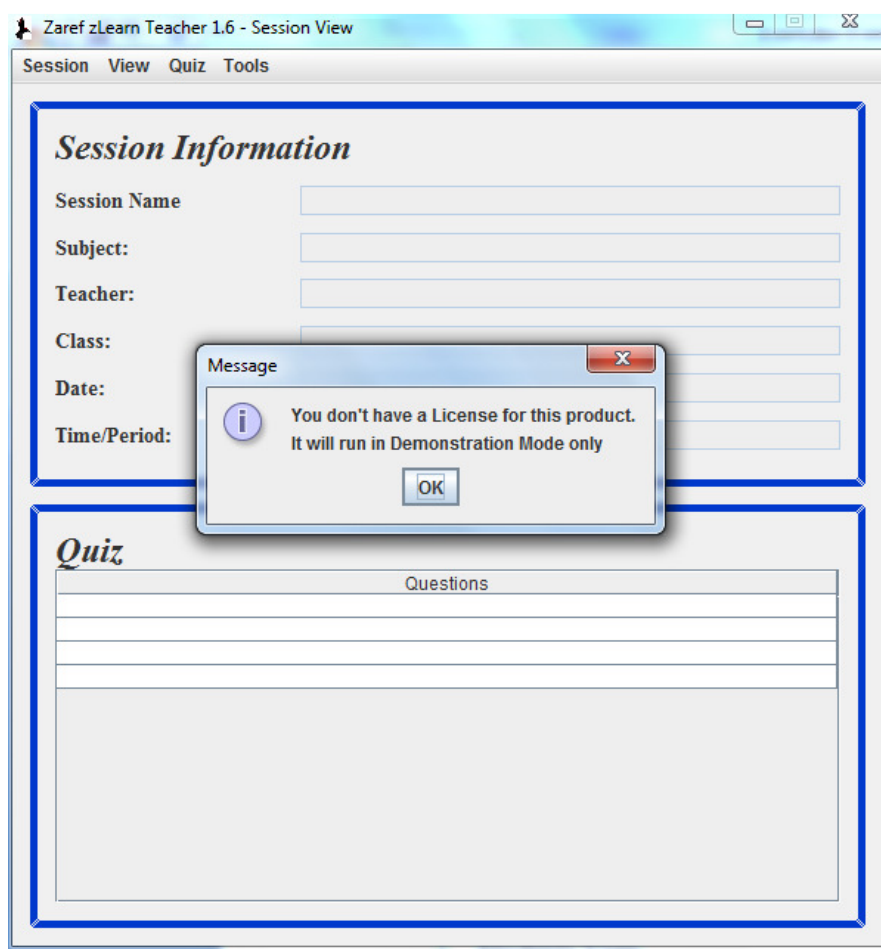


Figure 1.1 A

Demonstration mode only allows the user to open the default demonstration session with its existing questions. These questions cannot be deleted or modified in demonstration mode. No new questions

can be added to the demonstration session. You will be able to allow students to connect and administer this quiz to them. However their responses cannot be saved in demonstration mode.

1.2 Navigation

The Teacher Application is divided into six “views” (explained in detail later in the document) which are:

1. [Session View](#)
2. [Students View](#)
3. [Session Questions View](#)
4. [Manage Session Questions View](#)
5. [Responses View](#)
6. [Result Analysis View](#)

Navigation through the system will be done via the View Menu which will have links to all views except the one which you are currently on.

1.3 Installing zLearn Teacher

1. Insert the install CD you purchased into your CD/DVD drive.
2. Open the folder containing the installer package.
3. Double click on the .msi icon that will launch the installation process.
4. Follow the onscreen instructions to complete the installation process.

The Install Wizard will guide you through the installation process. Selecting the default folder for installation is recommended.



Figure 1.3 A

1.4 Starting zLearn Teacher

Once installation is complete; click on the 'Start' button on the Windows desktop taskbar and go to 'Programs'. Click on 'Zaref Engineering' and this will show the 'Zaref zLearn Teacher' button. Clicking on this launches the application.

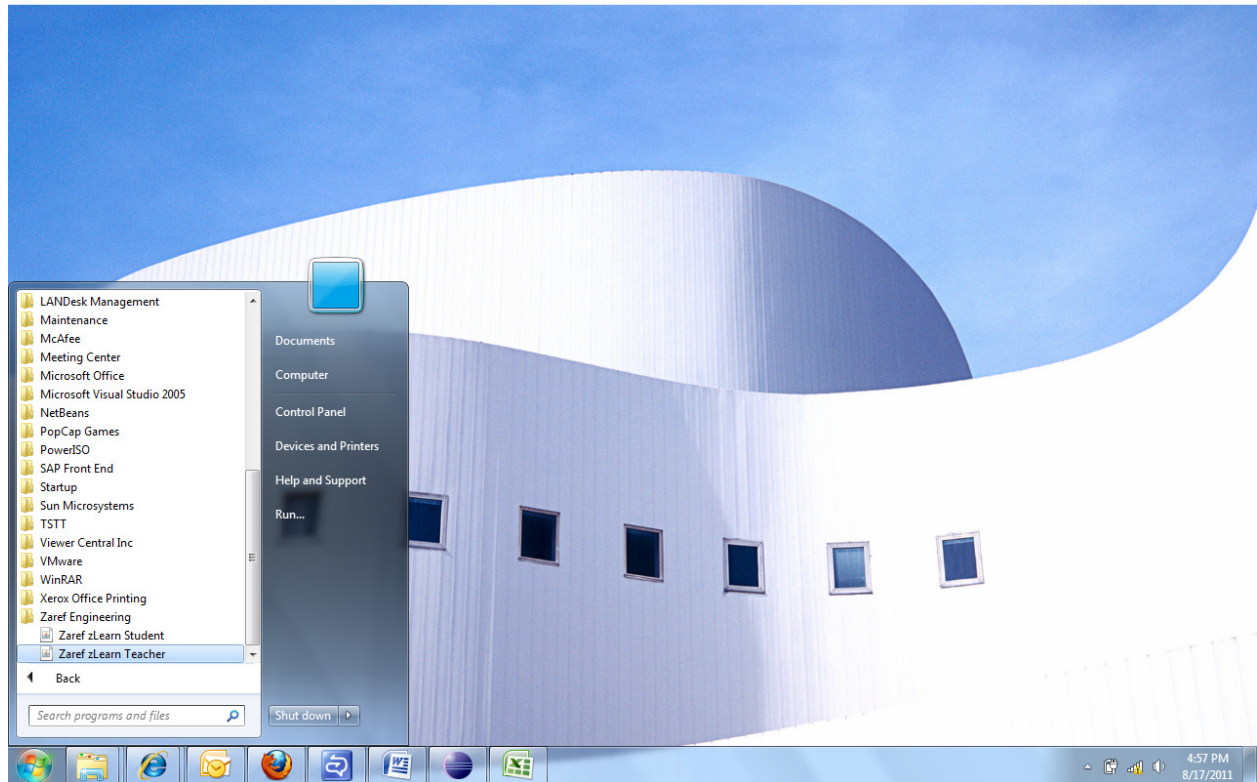


Figure 1.4 A

A splash screen appears while the Teacher Application is loading.

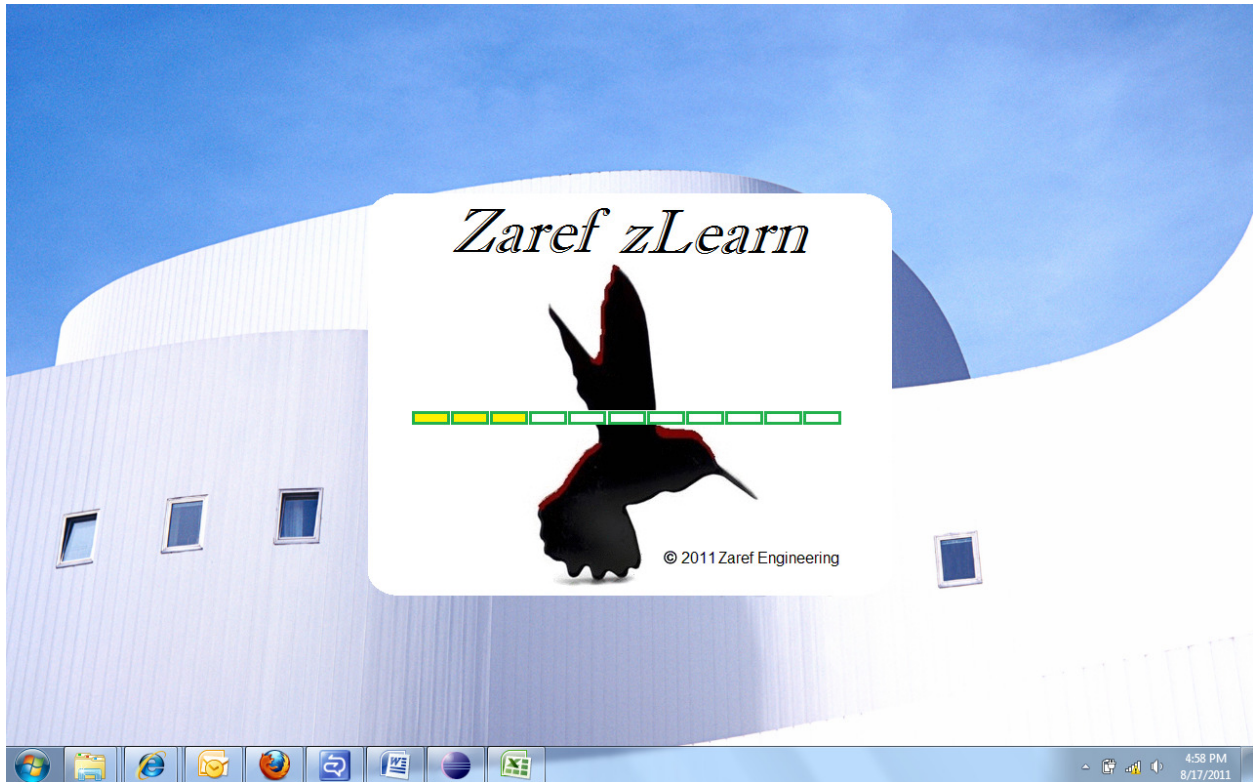


Figure 1.4 B

A tray icon showing a black hummingbird will also appear. Right clicking on this icon allows you to manipulate the application in much the same way you would from the user interface.



Figure 1.4 C

Right-clicking on the tray icon allows you to navigate the application.

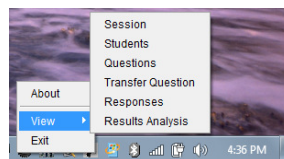


Figure 1.4 D

The view shown once the Teacher Application has launched will be the Session View. If you have not yet requested a license for your application you will notice that you can only open sessions and you cannot create new sessions. There is a 'Demo Session' that you can use without requesting a license.

1.5 Requesting a License

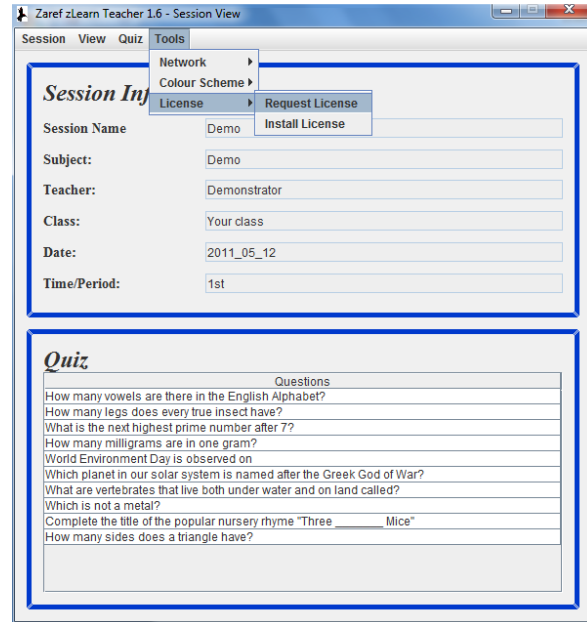


Figure 1.5 A

- a. Go to the menu bar on the application and click on 'Tools -> License -> Request License'. This prompts you to enter a valid email address. It is important that you enter the same email address you used on Zaref Engineering's website when ordering Zaref zLearn Teacher. This makes it easier to verify the validity of your license request and track future issues.
- b. Once your request for a license is received you will receive a reply with an attachment containing a license file. Download and save this license file to your computer.

1.6 Installing a License

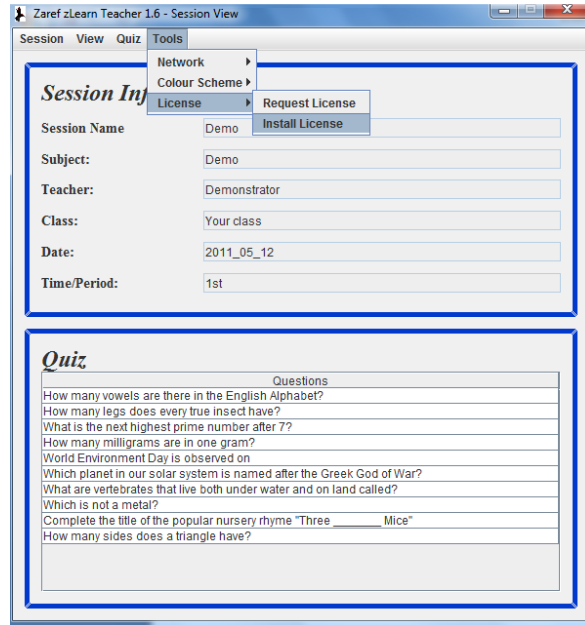


Figure 1.6 A

Open the teacher application and click on 'Tools -> License -> Install License'. Navigate to the folder on your computer where you have the license file saved. Double click on it to install it. Once the license has been installed you will be able to create your own sessions and add questions to the application's database.

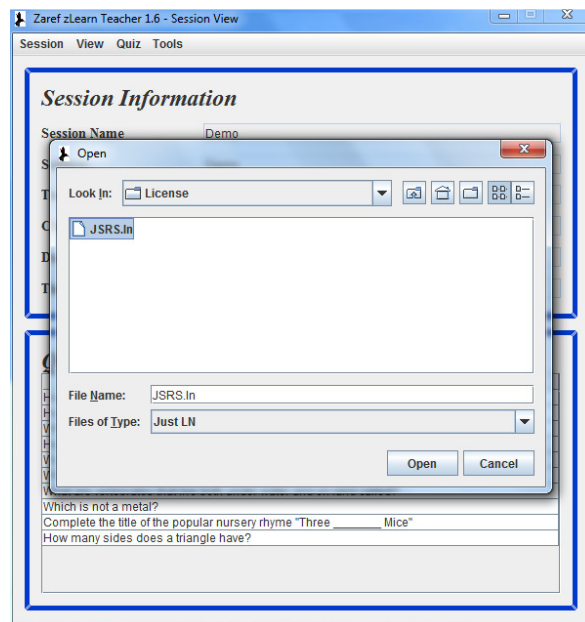


Figure 1.6 B

2. Session View

The session view is the first screen that interfaces with the user at start up of the Teacher Application. In this view the user can create a new session or open an existing one. The user can navigate to the other views, once a session is loaded. The user can view the network address, configure the network ports or change the color scheme of the application. The user can also launch the session quiz from this view. However a session must be open for these actions to take place. The actions that are available at the point in time will be displayed in normal text while those that are unavailable will be grayed out or disabled. These options are dependent on whether a session is loaded or not.

Session Information

Session Name: Demo

Subject: Demo

Teacher: Demonstrator

Class: Your class

Date: 2011_05_12

Time/Period: 1st

Quiz

Questions

How many vowels are there in the English Alphabet?

How many legs does every true insect have?

What is the next highest prime number after 7?

How many milligrams are in one gram?

World Environment Day is observed on

Which planet in our solar system is named after the Greek God of War?

What are vertebrates that live both under water and on land called?

Which is not a metal?

Complete the title of the popular nursery rhyme "Three _____ Mice"

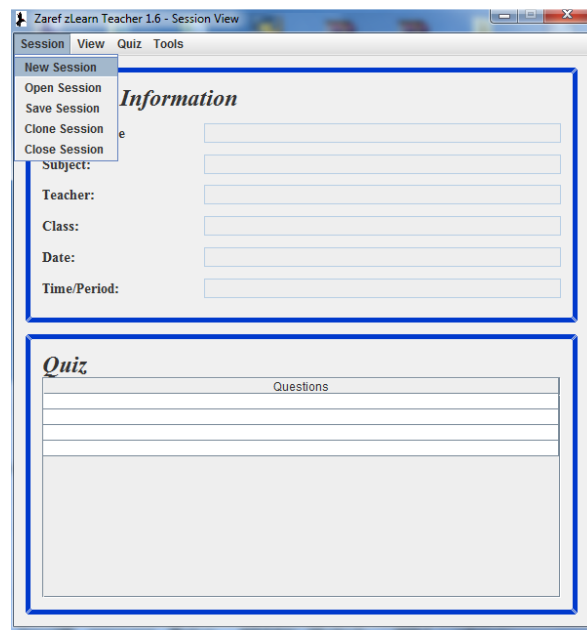
How many sides does a triangle have?

Figure 2 A

2.1 Opening a New Session

A new session can be created for a given time and class. Sessions can be saved to show the results for that session only and is therefore unique. The session can be cloned but this will only create a replica of the quiz and questions and not the responses so that the session can be used for another class at another time and saved with different results.

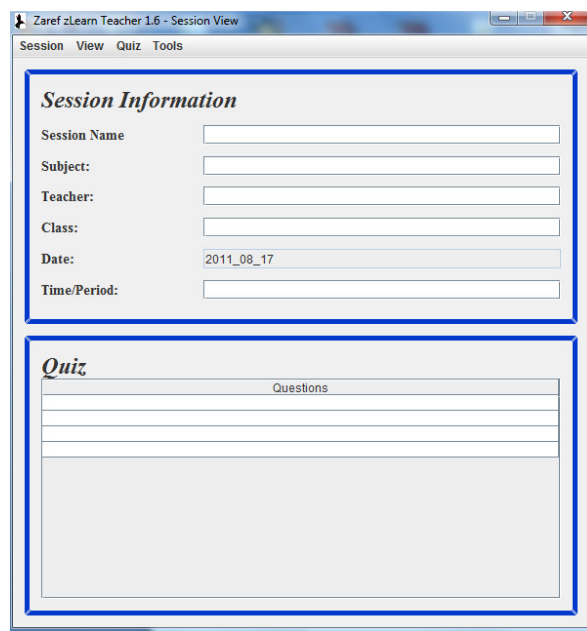
Click on 'Session -> New Session'



The screenshot shows the 'Zaref zLearn Teacher 1.6 - Session View' window. The 'Session' menu is open, displaying options: 'New Session', 'Open Session', 'Save Session', 'Clone Session', and 'Close Session'. The 'Information' section contains input fields for 'Subject:', 'Teacher:', 'Class:', 'Date:', and 'Time/Period:'. The 'Quiz' section contains a table with a header 'Questions' and several empty rows.

Figure 2.1 A

Enter Session information in fields



The screenshot shows the 'Zaref zLearn Teacher 1.6 - Session View' window. The 'Session Information' section contains input fields for 'Session Name', 'Subject:', 'Teacher:', 'Class:', 'Date:' (pre-filled with '2011_08_17'), and 'Time/Period:'. The 'Quiz' section contains a table with a header 'Questions' and several empty rows.

Figure 2.1 B

The session can be saved at this point by clicking on 'Session -> Save Session' or you can continue to create questions for the session quiz.

Session Information

Session Name: My First Session

Subject: Arithmetic

Teacher: John Doe

Class: Form One

Date: 2011_08_22

Time/Period: 2nd Period

Quiz

Questions

Figure 2.1 C

2.2 Opening an Existing Session

You can open an existing session for use. However, if this session contains results you will not be able to administer the quiz. Instead you will need to clone the session and use this to collect new results.

Click on 'Session -> Open Session'

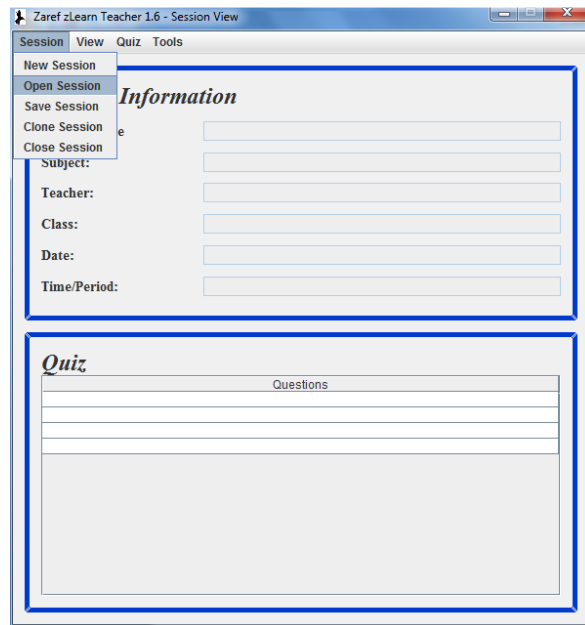


Figure 2.2 A

Navigate to the session folder stored in 'C:\zLearn -> Database -> Session'. Open a session of your choice by double clicking on the session.

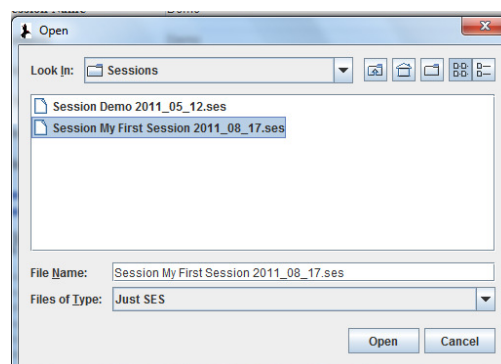


Figure 2.2 B

You can now proceed to administer the quiz in this session or make further modifications to the session for use at a later time.

2.3 Cloning an Existing Session

A session can be cloned if the existing quiz questions found within that session are suitable for reuse. Once the session is cloned it is now saved as a separate session and you will need to enter new session information.

Click on 'Session -> Clone Session'

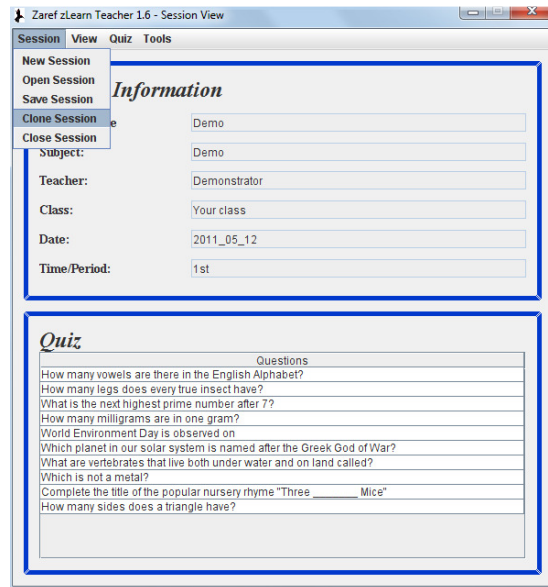


Figure 2.3 A

A new session is created with the same quiz questions and the session fields for 'Session Information' are now blank.

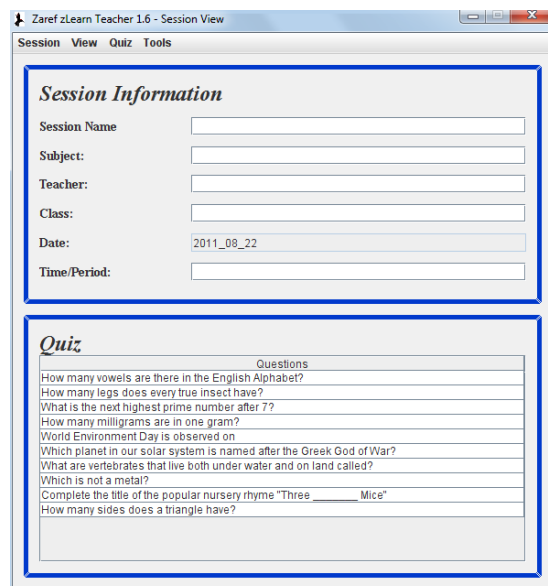


Figure 2.3 B

Fill in the fields for the Session Information with new data

Session Information

Session Name:

Subject:

Teacher:

Class:

Date:

Time/Period:

Quiz

Questions

- How many vowels are there in the English Alphabet?
- How many legs does every true insect have?
- What is the next highest prime number after 7?
- How many milligrams are in one gram?
- World Environment Day is observed on
- Which planet in our solar system is named after the Greek God of War?
- What are vertebrates that live both under water and on land called?
- Which is not a metal?
- Complete the title of the popular nursery rhyme "Three _____ Mice"
- How many sides does a triangle have?

Figure 2.3 C

2.4 Saving a Session

A session can be saved by clicking on 'Session -> Save Session'. This automatically prompts the user to save the session in the default program database folder.

Click on 'Session -> Save Session'

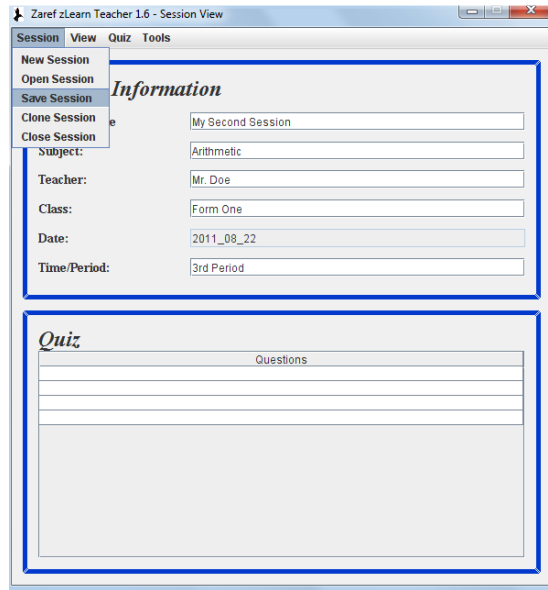


Figure 2.4 A

A notification pops up once the session is saved.

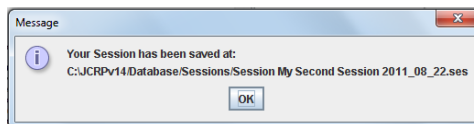


Figure 2.4 B

The saved session now shows the Session Information fields to be disabled.

Session Information

Session Name: My Second Session

Subject: Arithmetic

Teacher: Mr. Doe

Class: Form One

Date: 2011_08_22

Time/Period: 3rd Period

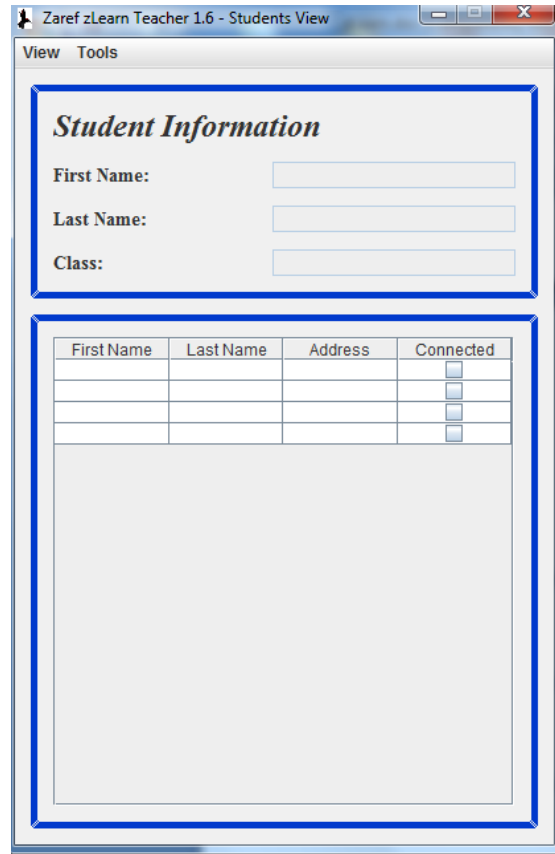
Quiz

Questions

Figure 2.4 C

3. Student View

The Student view is available for the Teacher to monitor the connection of the Student Applications. Once the Student Application has registered with the Teacher Application the Student will always be on the list for the duration of the Session.



Student Information

First Name:

Last Name:

Class:

First Name	Last Name	Address	Connected
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Figure 3 A

3.1 Viewing Connected Students

If the Student is connected then there will be a green dot under the connected column. If the student is disconnected there will be a red dot under the connected column. When the student is selected by clicking on the row containing the student information, the information is displayed in the appropriate fields under the section 'Student Information'.

Green dots show that students are connected.

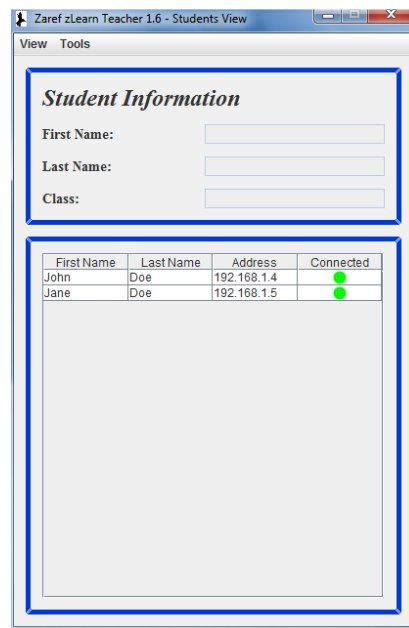


Figure 3.1 A

Selected student information is shown when a row is highlighted.

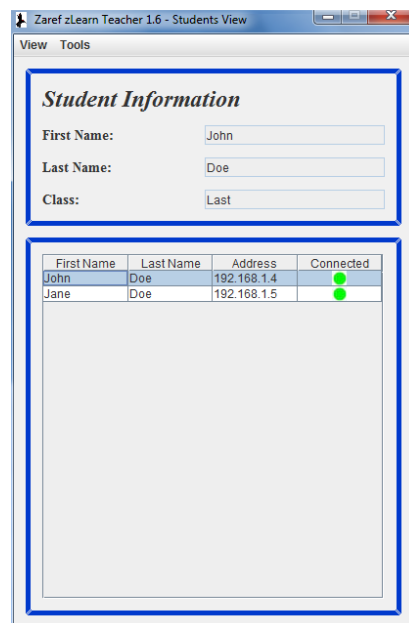


Figure 3.1 B

A red dot show that one student is disconnected.

The screenshot shows a window titled "Zeref zLearn Teacher 1.6 - Students View". Inside, there is a "Student Information" section with three labels: "First Name:" (with the value "Jane"), "Last Name:" (with the value "Doe"), and "Class:" (with the value "Last"). Below this is a table with four columns: "First Name", "Last Name", "Address", and "Connected". The table contains two rows: one for "John Doe" with IP "192.168.1.4" and a green dot, and one for "Jane Doe" with IP "192.168.1.5" and a red dot. Below the table is a large empty rectangular area.

First Name	Last Name	Address	Connected
John	Doe	192.168.1.4	●
Jane	Doe	192.168.1.5	●

Figure 3.1 C

4. Session Questions View

The Session Question View allows the Teacher to create new questions as well as edit existing ones. This functionality is not allowed in Demonstration Mode. The Teacher can launch the session quiz from this location. A timer showing the current quiz time will be shown to the top of this interface.

Quiz Questions

No.	Title	Time	Database ID
1	Demo Quest 1	10	1
2	Demo Quest 2	10	2
3	Demo Quest 3	10	3
4	Demo Quest 4	10	4
5	Demo Quest 5	10	5
6	Demo Quest 6	10	6
7	Demo Quest 7	10	7
8	Demo Quest 8	10	8
9	Demo Quest 9	10	9
10	Demo Quest 10	10	10

Timer

Record Number: 1

Title: Demo Quest 1

Question: How many vowels are there in the English Alphabet?

Number of Options: 4

Options:

- 3 ☐
- 4 ☐
- 5 ☒
- 1 ☐

Time: 00:00:10

Author: Demonstrator

Date: 5/12/11 9:23 AM

Save

Figure 4 A

The Demonstration mode quiz can be launched from here by clicking on 'Quiz -> Make Available'.

4.1 Creating a new Question

You can create new questions that will be saved automatically as part of your current quiz and in the database. Click on 'Question -> New' and this allows you to start editing fields.

Click on 'Question -> New'

Zeref zLearn Teacher 1.6 - Questions View

Question View Quiz Tools

New
Edit
Delete

Questions

No.	Title	Time	Database ID

Record Number:

Title:

Question:

Number of Options:

Options:

Time (in seconds):

Author:

Date:

Save

Figure 4.1 A

Fields are now available for editing.

Zeref zLearn Teacher 1.6 - Questions View

Question View Quiz Tools

New
Edit
Delete

Quiz Questions

No.	Title	Time	Database ID
			8/17/11 5:37 PM

Record Number:

Title:

Question:

Number of Options:

Options: ☒

Time (in seconds):

Author:

Date:

Save

Figure 4.1 B

Type in a title for the question, the question and select the number of options for responses. This creates the appropriate number of answer fields. Enter answers in each field and click on the checkbox next to the correct response. This allows the program to automatically correct the quiz for you.

A question is created.

Figure 4.1 C

Clicking on 'Save' at the bottom results in the question appearing on the left in the current Quiz Questions. Continue creating new questions to complete your quiz.

Figure 4.1 D

4.2 Editing an Existing Question

You can edit existing questions that will be saved automatically as part of your current quiz and in the database. Highlight the question you wish to edit and then click on 'Question -> Edit' and this allows you to start editing fields.

Click on 'Question -> Edit'

The screenshot shows the 'Zeref zLearn Teacher 1.6 - Questions View' window. The 'Question' menu is open, and the 'Edit' option is selected. The main area is divided into two panes. The left pane, titled 'Questions', contains a table with the following data:

No.	Title	Time	Database ID
1	Arithmetic	10	11

The right pane contains the following fields for editing:

- Record Number: 11
- Title: Arithmetic
- Question: What is 2 + 2?
- Number of Options: 4 (selected)
- Options: 2, 4, 6, 0 (checkboxes are present next to each)
- Time: 00:00:10
- Author: Mr. Doe
- Date: 8/21/11 2:38 PM

A 'Save' button is located at the bottom right of the right pane.

Figure 4.2 A

Fields are now available for editing.

The screenshot shows the 'Zeref zLearn Teacher 1.6 - Questions View' window. The 'Question' menu is open, and the 'Edit' option is selected. The main area is divided into two panes. The left pane, titled 'Quiz Questions', contains a table with the following data:

No.	Title	Time	Database ID
1	Arithmetic	10	11

The right pane contains the following fields for editing:

- Record Number: 11
- Title: Arithmetic
- Question: What is 2 + 4?
- Number of Options: 4 (selected)
- Options: 2, 4, 6, 0 (checkboxes are present next to each)
- Time (in seconds): 20
- Author: Mr. Doe
- Date: 8/21/11 2:38 PM

A 'Save' button is located at the bottom right of the right pane.

Figure 4.2 B

The edited question is saved and fields are now disabled.

Quiz Questions 00:00:00

No.	Title	Time	Database ID
1	Arithmetic	20	11

Time 20
Author Mr. Doe
Date 8/21/11 2:38 PM

Record Number 11
Title Arithmetic
Question What is 2 + 4?
Number of Options 2
Options 2 4 6 0
☐ ☐ ☒ ☐

Save

Figure 4.2 C

4.3 Deleting a Question

You can delete existing questions from a quiz but these questions will still be contained in the database. Highlight the question to be deleted and click on 'Question -> Delete' and this result in a deleted question.

Click on 'Question -> Delete'

The screenshot shows the 'Zaref zLearn Teacher 1.6 - Questions View' window. The 'Question' menu is open, and the 'Delete' option is selected. The main area displays a table with the following data:

No.	Title	Time	Database ID
1	Arithmetic	20	11

Below the table, there are input fields for 'Time' (00:00:20), 'Author' (Mr. Doe), and 'Date' (8/21/11 2:38 PM). On the right side, there are input fields for 'Record Number' (11), 'Title' (Arithmetic), 'Question' (What is 2 + 4?), 'Number of Options' (6), and 'Options' (2, 4, 6, 0). A 'Save' button is located at the bottom right.

Figure 4.3 A

The question was deleted.

The screenshot shows the 'Zaref zLearn Teacher 1.6 - Questions View' window. The 'Quiz Questions' table is now empty. The input fields for 'Time', 'Author', and 'Date' are still present. On the right side, the input fields for 'Record Number', 'Title', 'Question', 'Number of Options', and 'Options' are still present. A 'Save' button is located at the bottom right.

Figure 4.3 B

4.4 Starting the Session Quiz

You can make the entire quiz created available to students by clicking on 'Quiz -> Make Available'. The students will only receive this quiz if they are connected to the network.

The quiz is broadcasted to all connected students.

Quiz Questions

No.	Title	Time	Database ID
1	Arithmetic	10	12

Form Fields:

- Record Number:
- Title:
- Question:
- Number of Options:
- Options:
- Time:
- Author:
- Date:
- Save:

Figure 4.4 A

The timer counts down the time remaining for the quiz

Quiz Questions

No.	Title	Time	Database ID
1	Arithmetic	10	12

Form Fields:

- Record Number:
- Title:
- Question:
- Number of Options:
- Options:
- Time:
- Author:
- Date:
- Save:

Figure 4.4 B

4.5 Recalling Quiz

The quiz can be recalled at any time from the students during the running of the quiz by clicking on 'Quiz -> Recall Quiz'.

The quiz is recalled from the students.

The screenshot shows the 'Zaref zLearn Teacher 1.6 - Questions View' window. The 'Quiz' menu is open, and the 'Recall Quiz' option is selected. The main area is divided into two panes. The left pane, titled 'Quiz Questions', contains a table with the following data:

No.	Title	Time	Database ID
1	Arithmetic	10	12

Below the table is a large empty text area. At the bottom of the left pane, there are input fields for 'Time', 'Author', and 'Date'. The right pane contains input fields for 'Record Number', 'Title', 'Question', 'Number of Options', and 'Options'. A 'Save' button is located at the bottom right of the right pane. The timer in the top right corner of the left pane shows '00:00:06'.

Figure 4.5 A

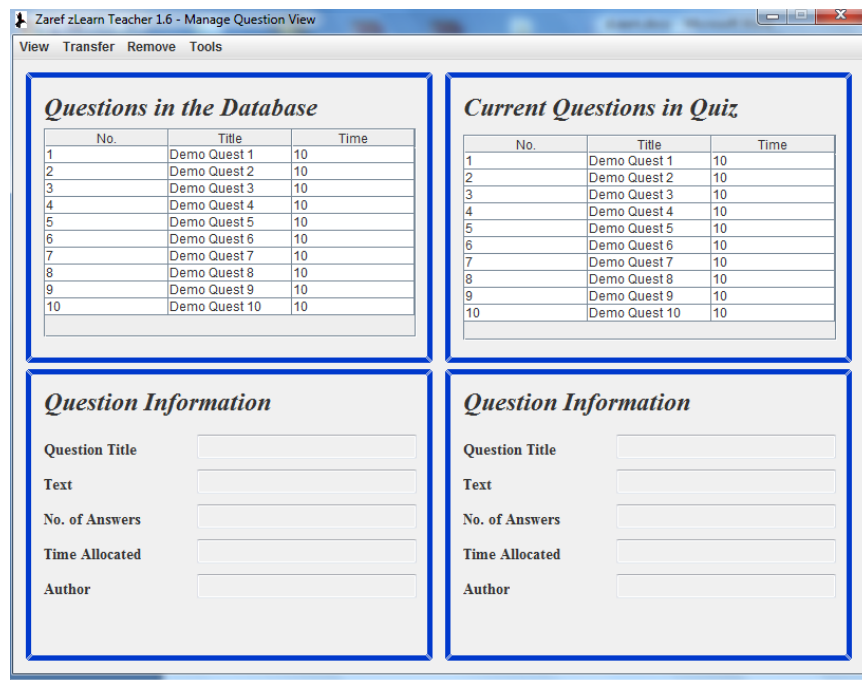
The quiz timer resets once the quiz is recalled.

This screenshot is identical to Figure 4.5 A, showing the 'Zaref zLearn Teacher 1.6 - Questions View' window with the 'Recall Quiz' dialog open. The table in the 'Quiz Questions' pane is the same. However, the timer in the top right corner of the left pane now shows '00:00:00', indicating it has been reset. All other elements, including the input fields and the 'Save' button, remain the same.

Figure 4.5 B

5. Manage Session Questions View

The Manage Session Question View can be used by the Teacher to add existing questions from the question database to the Session Quiz or to remove questions from the Session Quiz. This view allows a preview of question selected from the Database to the left and a preview of questions selected from the Session Quiz to the right. Every time questions are created for different sessions all of the quiz questions are saved automatically in the Questions Database. Questions cannot be deleted from this database and are always there for future use.



Zaref zLearn Teacher 1.6 - Manage Question View

View Transfer Remove Tools

Questions in the Database

No.	Title	Time
1	Demo Quest 1	10
2	Demo Quest 2	10
3	Demo Quest 3	10
4	Demo Quest 4	10
5	Demo Quest 5	10
6	Demo Quest 6	10
7	Demo Quest 7	10
8	Demo Quest 8	10
9	Demo Quest 9	10
10	Demo Quest 10	10

Current Questions in Quiz

No.	Title	Time
1	Demo Quest 1	10
2	Demo Quest 2	10
3	Demo Quest 3	10
4	Demo Quest 4	10
5	Demo Quest 5	10
6	Demo Quest 6	10
7	Demo Quest 7	10
8	Demo Quest 8	10
9	Demo Quest 9	10
10	Demo Quest 10	10

Question Information

Question Title

Text

No. of Answers

Time Allocated

Author

Question Information

Question Title

Text

No. of Answers

Time Allocated

Author

Figure 5 A

5.1 Adding a Question from the Database

A question can be added to the current quiz by selecting from the stored set of questions in the database. Highlight a question in the database by clicking on it and click on 'Transfer -> Question' in the menu bar and the selected question will be moved to the current quiz.

Click on 'Transfer -> Question'

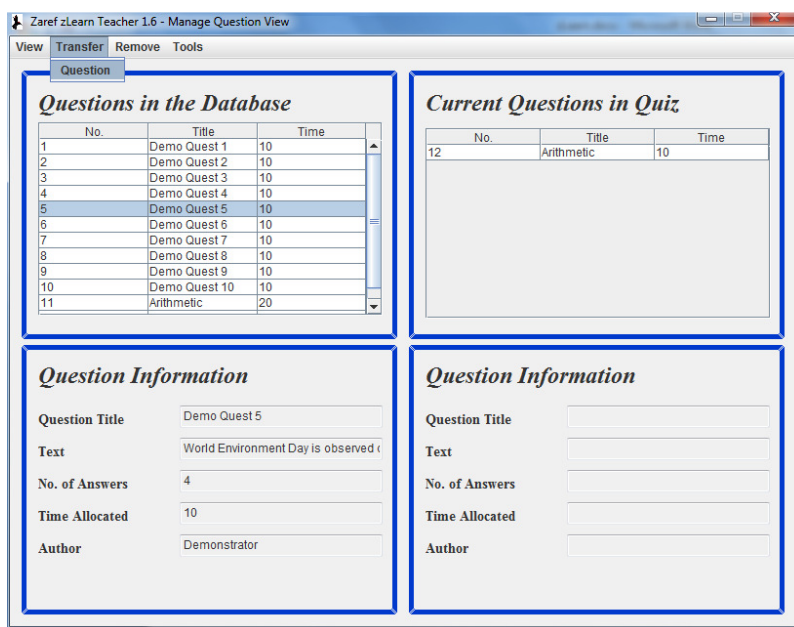


Figure 5.1 A

Transferred questions become part of the current quiz.

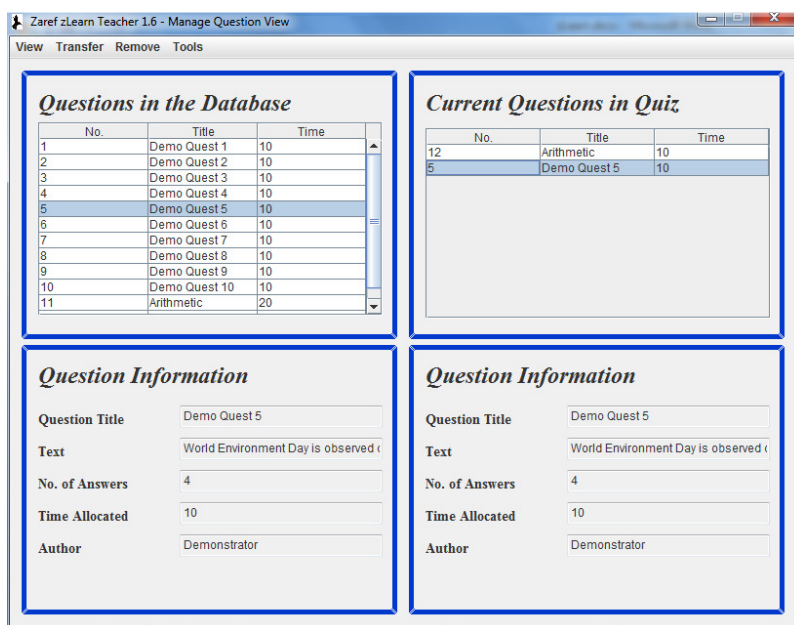


Figure 5.1 B

5.2 Removing a Question from the Quiz

A question can be removed from the current quiz by selecting from the set of questions in the quiz. Highlight a question in the quiz by clicking on it and click on 'Remove -> Quiz Question' in the menu bar and the selected question will be removed from the current quiz.

Click on 'Remove -> Quiz Question'

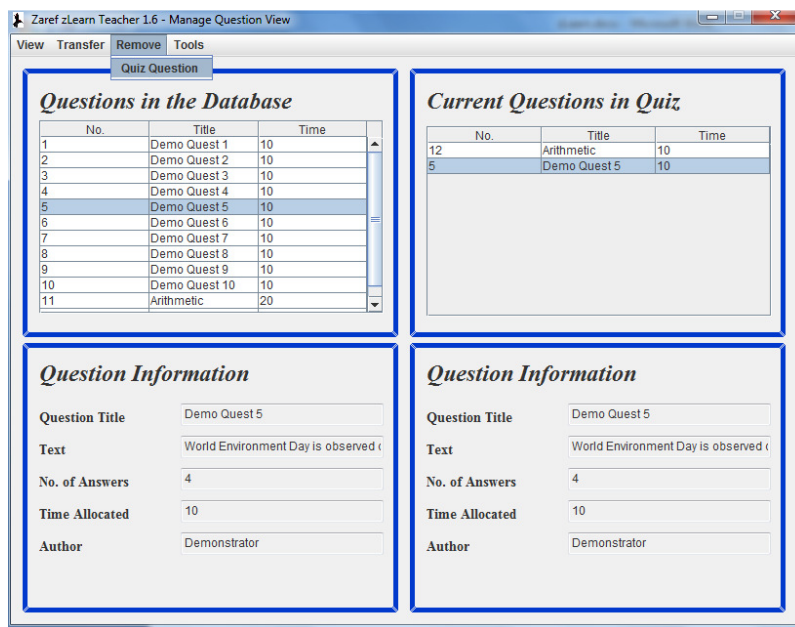


Figure 5.2 A

Although questions are removed from the quiz they are still part of the database.

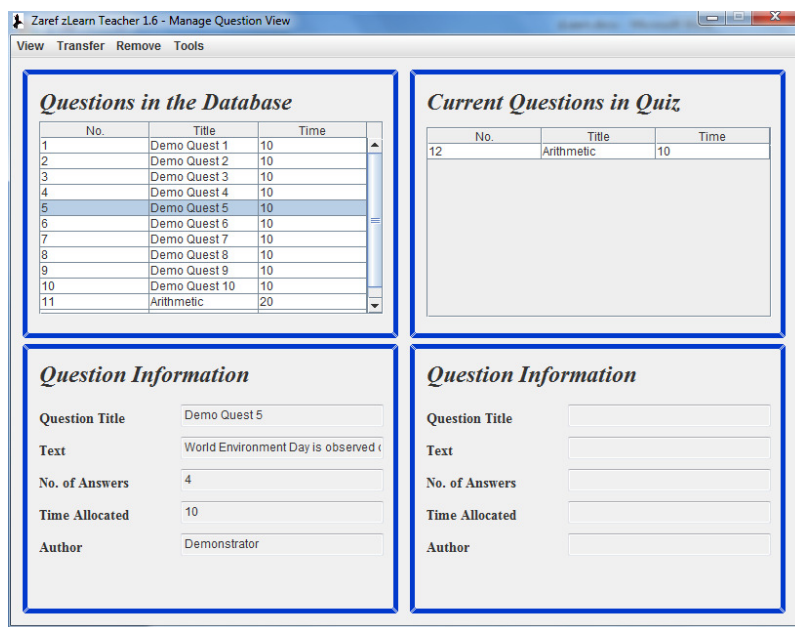


Figure 5.2 B

6. Responses View

The Responses View can be used by the Teacher to view the responses submitted within the Session. These responses can be sorted by Question answered or by the Student submission. The responses are automatically corrected and are indicated by a green '✓' for correct or a red 'X' for incorrect in the appropriate column of the response table. This view also gives time statistics which include minimum, maximum, mean and standard deviation times. These statistics are based on the selection available in the response table.

If nothing is selected in the 'Questions in this Session' and 'Students in this Session' fields then all results are shown for all questions and for all students.

Questions in this Session: [Dropdown]
Students in this Session: [Dropdown]

Question No.	Response	Time	Correct
1	B	7	X
2	B	4	✓
3	C	2	✓
4	X	2	X
5	C	2	X
6	B	2	X
7	C	2	X
8	D	2	X
9	C	4	✓
10	C	3	✓
1	C	6	X
2	A	3	X
3	X	0	X
4	B	5	X

Question: [Text Box]
Answer: [Text Box]

Statistics on Results

Minimum Response Time: [Text Box]
Maximum Response Time: [Text Box]
Mean Response Time: [Text Box]
Standard Deviation: [Text Box]

Figure 6 A

When filtering by questions all the responses to the selected question will be displayed in the responses table. You can filter by questions by selecting an appropriate question in the drop-down field for 'Questions in this Session'.

Results for all students for 'Question 1' including time statistics for Question 1.

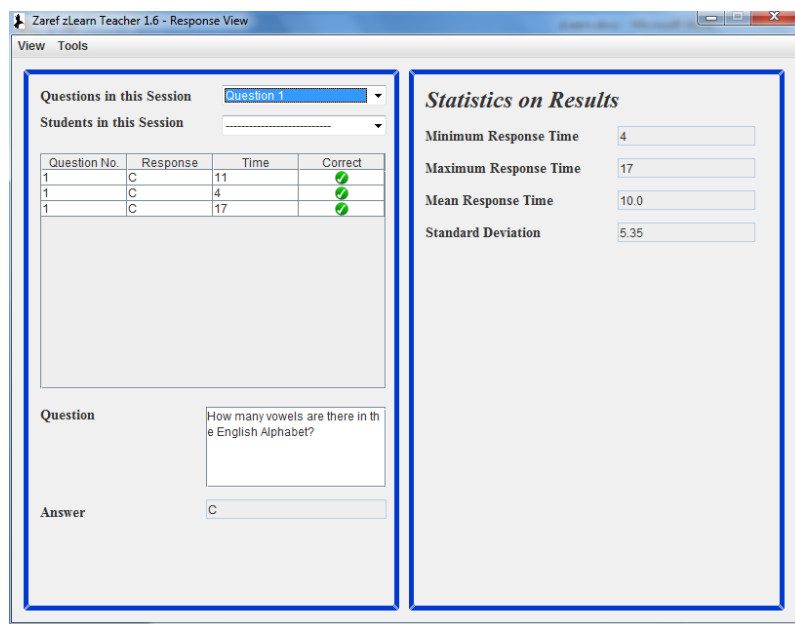


Figure 6 B

Results for all students for 'Question 2' including time statistics for Question 2.

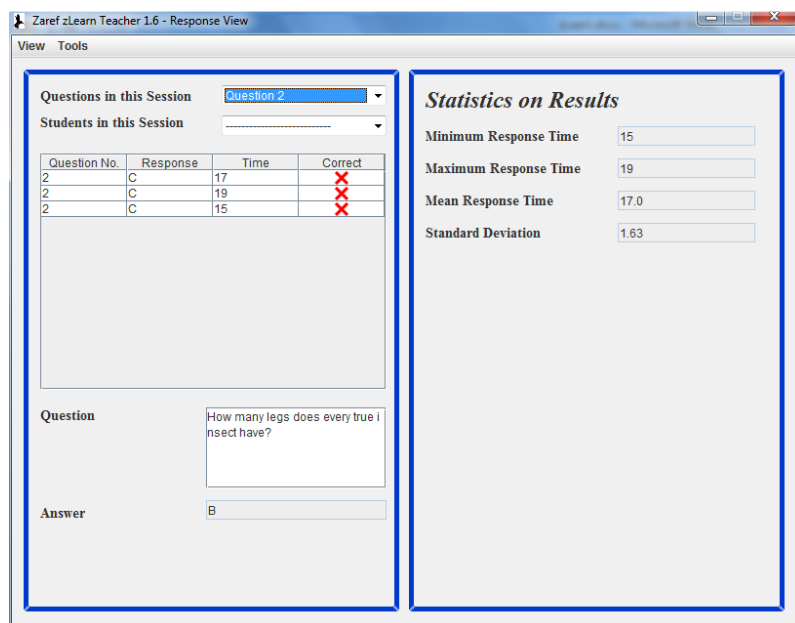


Figure 6 C

When filtered by Student all the responses submitted by the selected student will be displayed in the response table. You can filter by students by selecting an appropriate student name in the drop-down field for 'Students in this Session'.

All responses for the student 'John Doe' including time statistics for this student

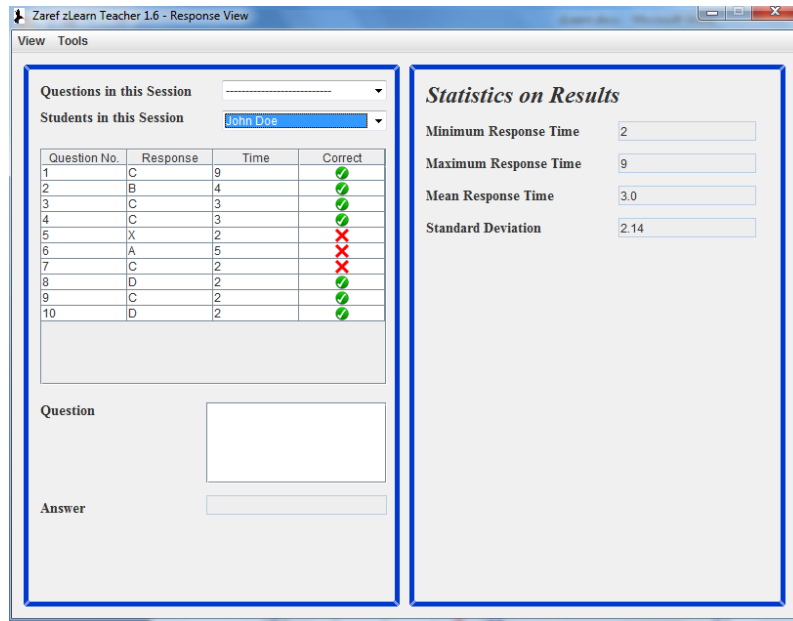


Figure 6 D

7. Result Analysis View

The Results Analysis View offers the Teacher a graphical display of the responses via question by question analysis. The graphical displays to choose from are Bar and Pie charts. The bar chart lays out the number of responses for each option of the question. It also gives the number of responses that were blank. This is indicated on the x-axis in the column 'N.A.' (No Answer). The pie chart gives the percentage of correct responses against the number of incorrect responses. The correct answer representation is given in green while the incorrect answer representation is given in red for both graphics.

Bar Chart View of responses for Question 1 for all students.

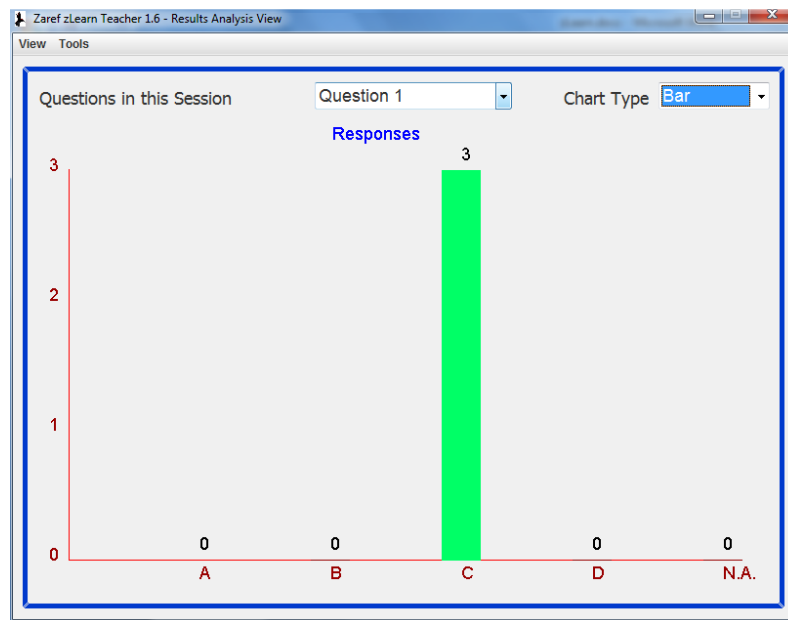


Figure 7 A

Bar Chart View of responses for Question 2 for all students

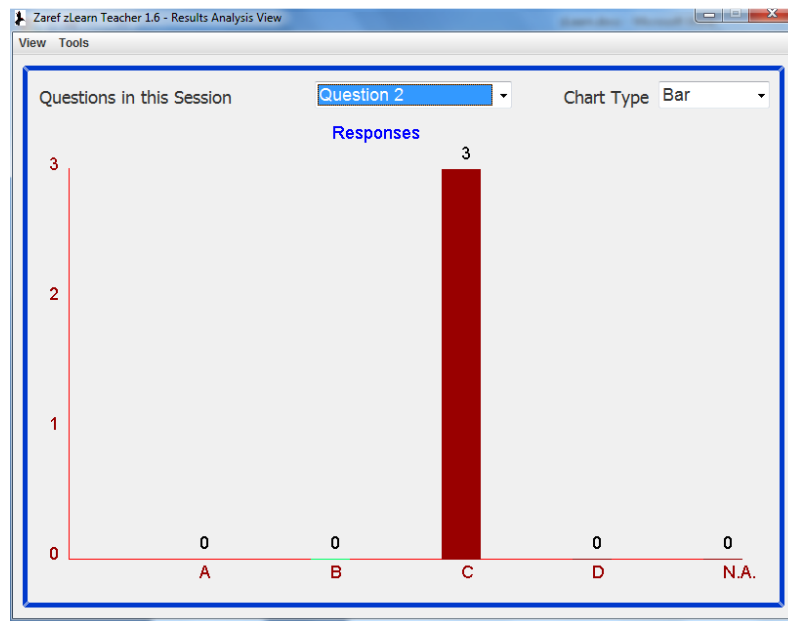


Figure 7 B

Bar Chart View of responses for Question 3 for all students

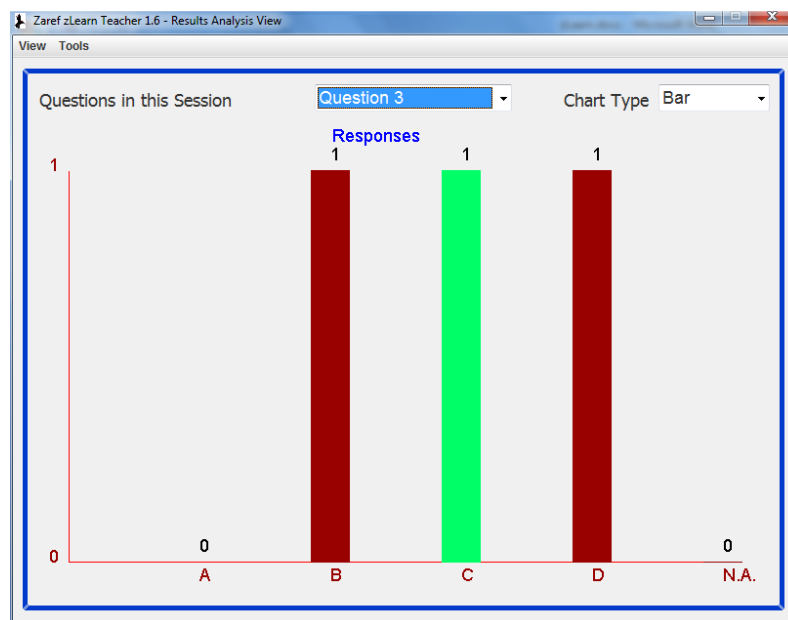


Figure 7 C

Bar Chart View of responses for Question 8 for all students

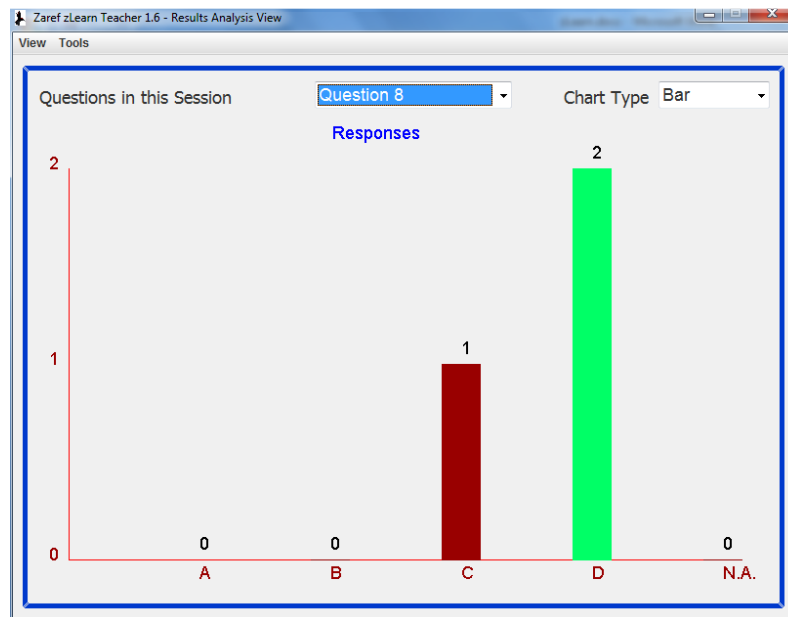


Figure 7 D

Pie Chart View of responses for Question 8 for all students

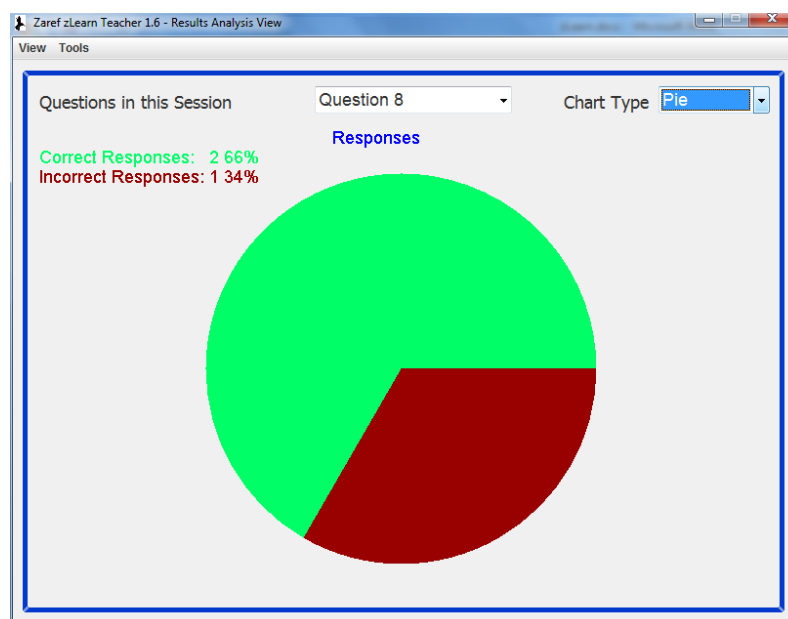


Figure 7 E

8. Getting Network Address

Student applications will automatically connect to the running teacher application that has an active session open. If however, there are more than one running teacher applications within range of the student applications the students will be prompted to enter the network address for the correct teacher application. In this case the teacher will have to get their network address and notify the students so that they can connect to the correct teacher application.

Click on 'Tools -> Network -> Get Network Address'

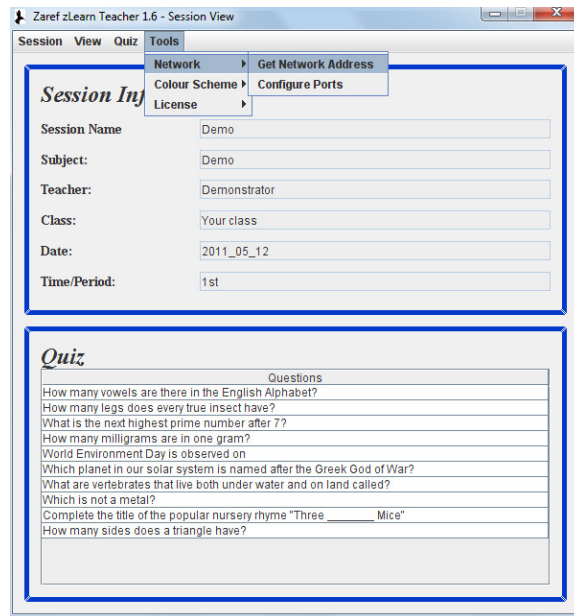


Figure 8 A

A pop-up box notifies the teacher of the network address. This address is announced to the students.

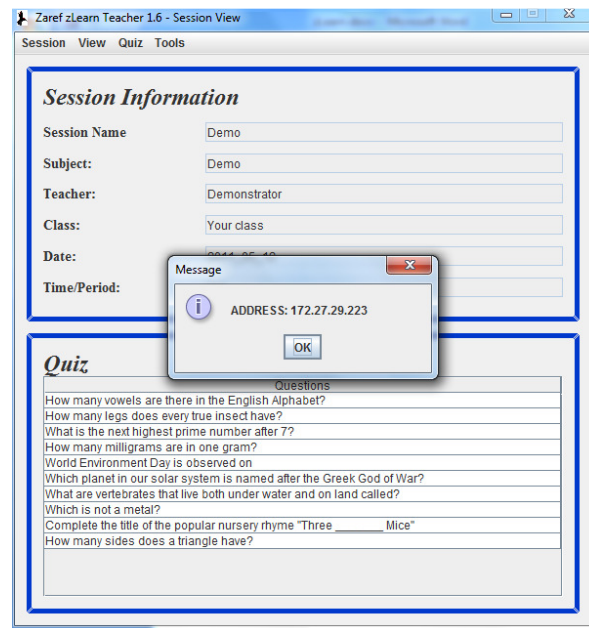


Figure 8 B

9. Configuring Network Ports (Optional – Advanced Users Only)

The Teacher Application requires the use of several network ports for communication. These ports need to be open ports on the network that are not blocked by any firewall or used by any other application. If you network does not have any firewall and the defaults ports 4445, 4446, 4447 and 4448 are not used then there is no need to configure the ports of the Teacher Application.

To configure the ports you go to Tool -> Network -> Configure Ports as shown below.

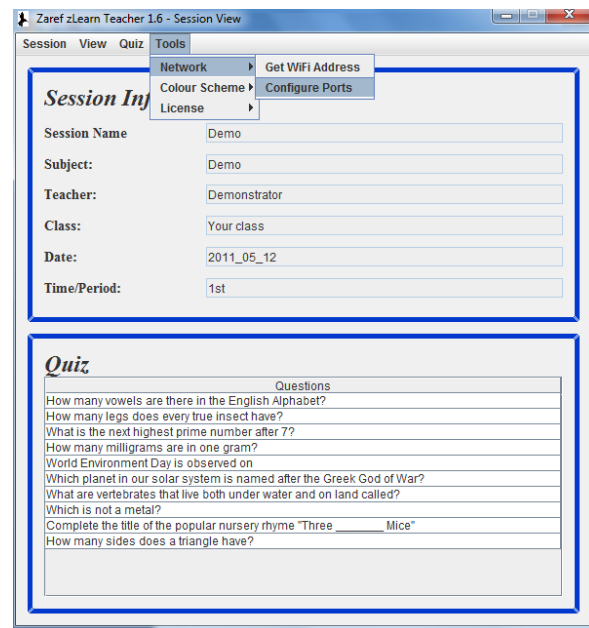


Figure 9 A

The popup screen shown below will appear. Type in the relevant port numbers selecting numbers from the range 0-65535. However, it is advisable to try to use numbers in the upper range.

The image shows a software interface with a 'Configure Ports' dialog box in the foreground and a main application window in the background.

Configure Ports Dialog Box:

Port C:	4445
Port R:	4446
Port B:	4447
Port T:	4448

Configure Now

Main Application Window:

Subject: Demo
Teacher: Demonstrator
Class: Your class
Date: 2011_05_12
Time/Period: 1st

Quiz Section:

Quiz

Questions

- How many vowels are there in the English Alphabet?
- How many legs does every true insect have?
- What is the next highest prime number after 7?
- How many milligrams are in one gram?
- World Environment Day is observed on
- Which planet in our solar system is named after the Greek God of War?
- What are vertebrates that live both under water and on land called?
- Which is not a metal?
- Complete the title of the popular nursery rhyme "Three _____ Mice"
- How many sides does a triangle have?

Figure 9 B

Click on configure to set these port numbers, ensuring that there are different numbers for all the ports.

10. Configuring Color Scheme

There are three default color schemes that can be used to customize the look of the teacher application; Plain, Earth and Carri Blue.

To configure the Plain color scheme select 'Tools -> Color Scheme -> Plain'

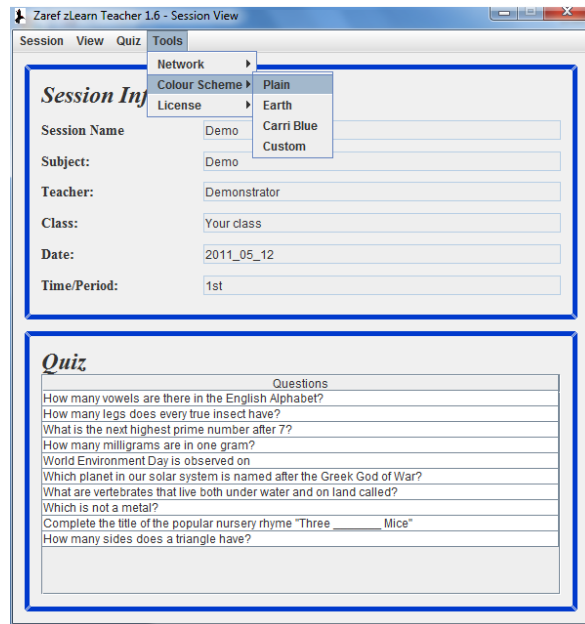


Figure 10 A

The Plain color scheme.

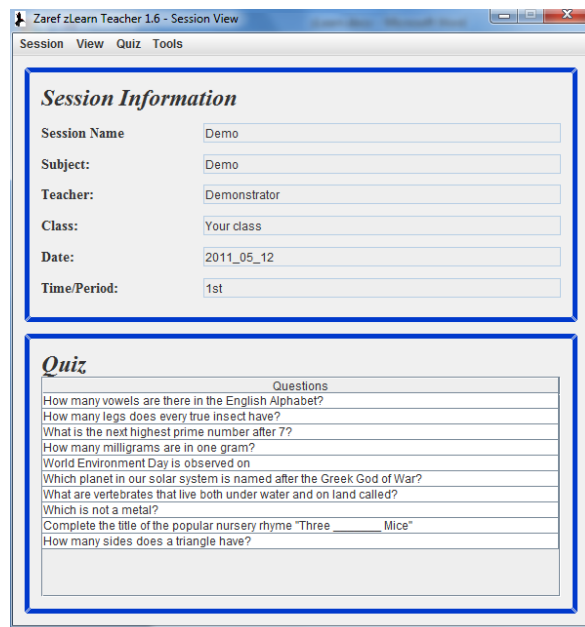


Figure 10 B

To configure the Earth color scheme select 'Tools -> Color Scheme -> Earth'

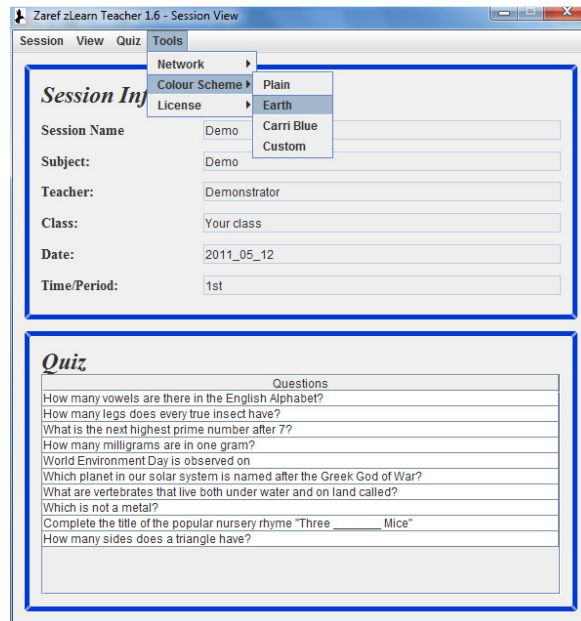


Figure 10 C

The Earth color scheme.

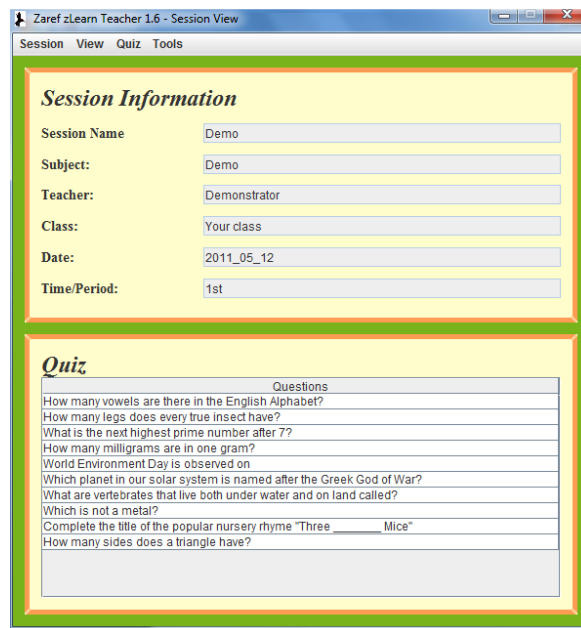


Figure 10 D

To configure the Carri Blue color scheme select 'Tools -> Color Scheme -> Carri Blue'

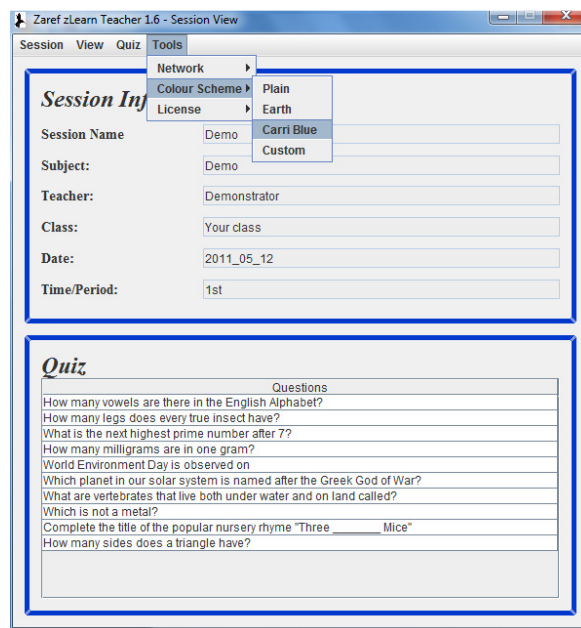


Figure 10 E

The Carri Blue color scheme.

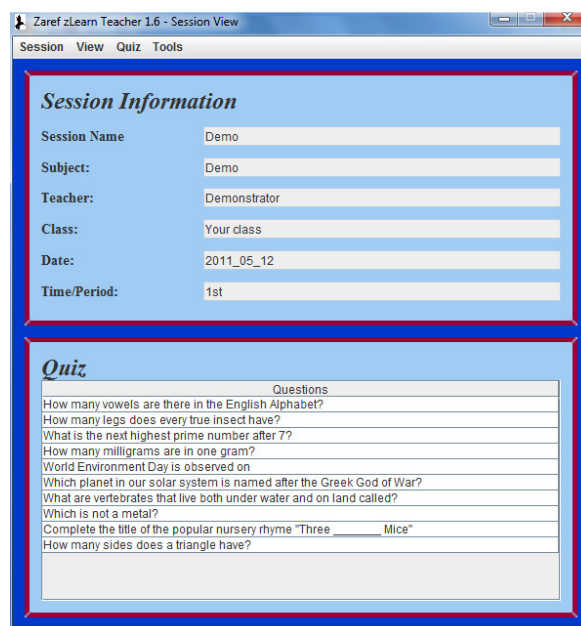


Figure 10 F

10.1 Configuring Color Scheme – Custom

A custom color scheme can be created for a particular session. However, while this color scheme can be applied for that session, it cannot be saved.

To configure a custom color scheme select 'Tools -> Color Scheme -> Custom'

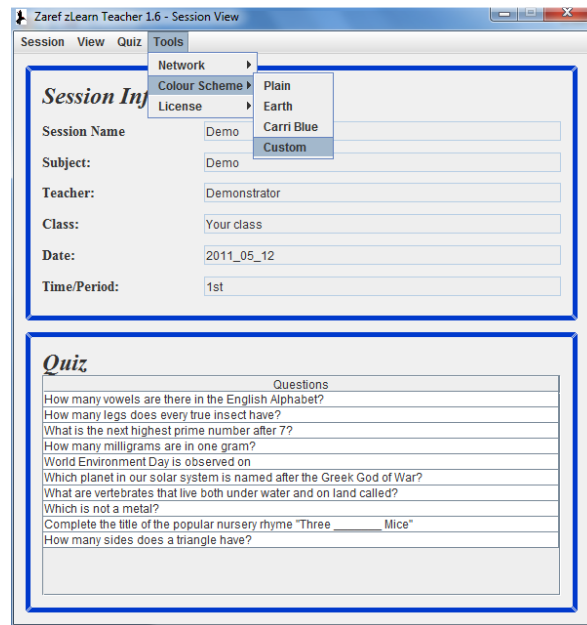


Figure 10.1 A

Selecting a background color changes the outermost layer of the application.

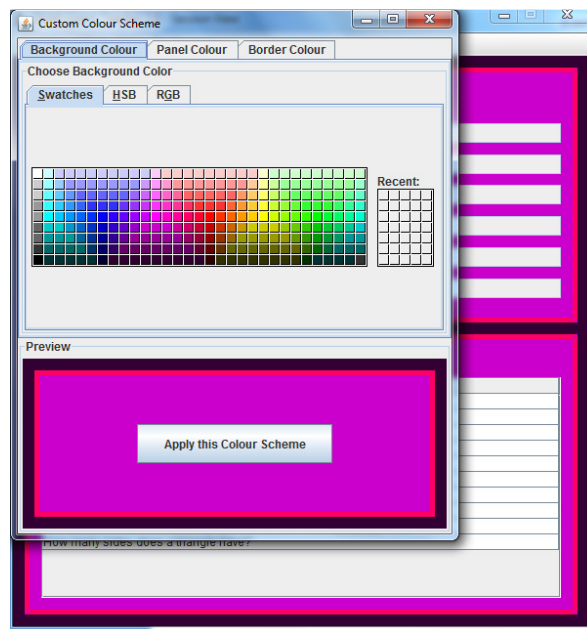


Figure 10.1 B

The background color has been changed to green.

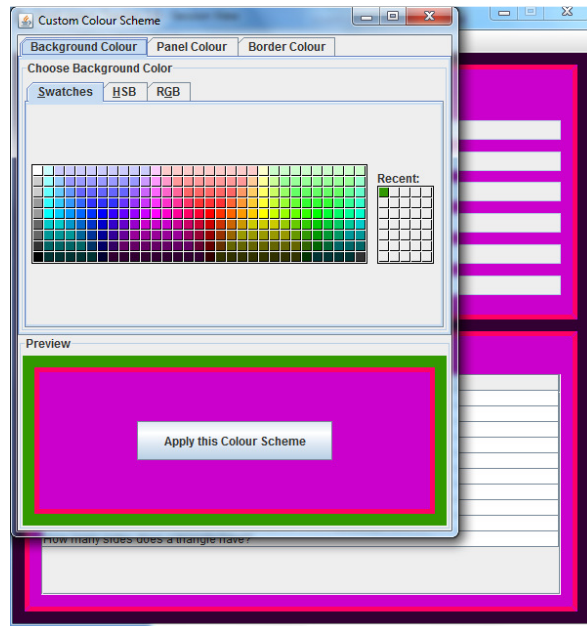


Figure 10.1 C

Selecting a panel color changes the innermost layer of the application and selecting the border color changes the middle layer of the application.

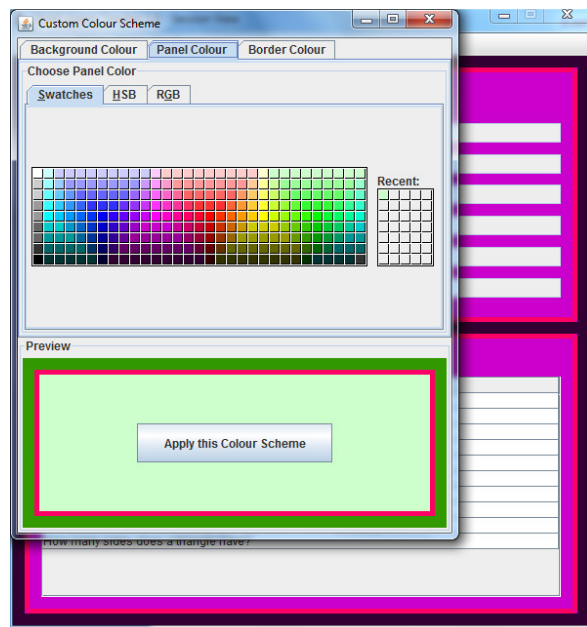


Figure 10.1 D

The panel color has been changed to mint green and the border color has been changed to olive green.

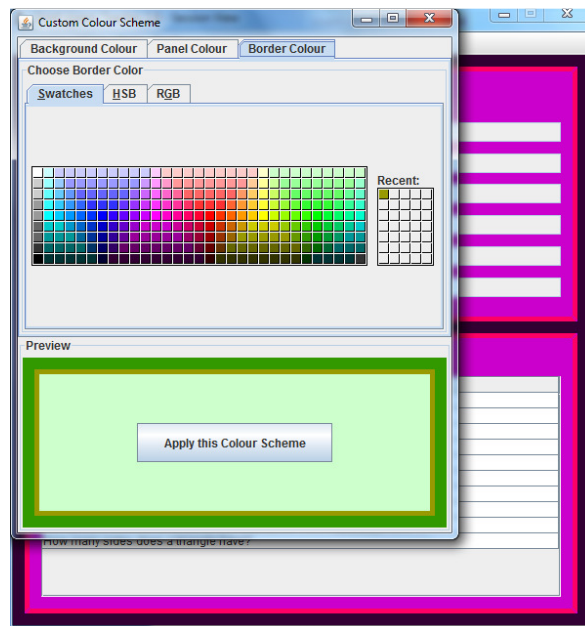


Figure 10.1 E

Clicking on 'Apply this Color Scheme' changes the application's color scheme.

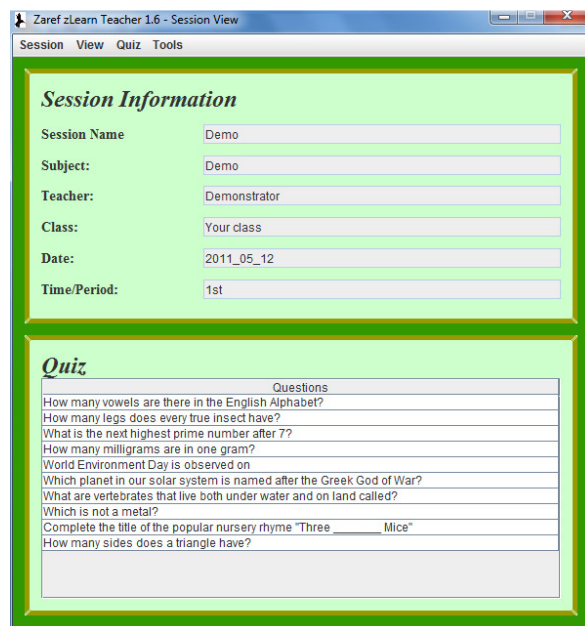


Figure 10.1 F