Question based Assessment in tutorial dialogues

USER'S MANUAL

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1.0   GENERAL INFORMATION

This section provides the system overview, the project reference and the point of contact and support for Question Based Assessment in Tutorial Dialogues.

1.1   System overview

Question Based Assessment in Tutorial Dialogues and is an interface designed especially to evaluate the focus ability of a student or of a company staff member. AIML dialogues boxes are to allow the communication between you and the software. You ask the system a question related to a topic previously taught. The program reviews the question and returns the answer as well as a mark showing how interesting, relevant or poor the question was. You are given five chances to improve your mark. At the end of the course a final mark is issued and you can select the name of your preferred lecturer via a list box. Question Based Assessment in Tutorial Dialogues also allows submitting the mark as well as comments and feedback to the chosen lecturer via email.

1.2   Project references

Here is the list of the references that were used in preparation of this document:

- http://www.alicebot.org/
- http://www.yawiki.org:2001/
- http://dialogues.h1088483.serverkompetenz.net/Sevilla/
- ProgramE by Paul Rydell
- Server2Go by Timo Haberkern

1.3   Point of Contact and Support

The end of each lecture 5 offers an email facility to email feedback on the system. Contact Support must be selected from the list box offer at the end of each lecture 5.
The Email Result button is used to submit your query.

Email Result

If the system is down, the contact details to be used are:

Phone: 0877855986
Email: pascal.cesari@gmail.com

Address: 14 the Green, Pheasants Run, Navan Road, Clonee, Dublin 15

2.0 SYSTEM SUMMARY

Question Based Assessment in Tutorial Dialogues has been designed to provide a way that allows you to study a topic of your choice while having your focus skills evaluated by a system. The software allows to feedback to a particular lecturer.

The system is based on AIML dialogues box; you can ask the system a question that relates to a topic just taught using an input box and the answer is revealed through an output box. The program does review the level of richness of the question and returns the answer as well as a mark showing how interesting, relevant or poor the question was. At the end of the course a final mark is be issued and you get to select the name of the preferred lecturer via a list box. You are also encouraged to submit comments on the topic taught and the system. The final mark and the comments are then emailed to the lecturer who'll know how well or not you have followed the course. The lecturer receives then an email with the date of submission, your mark and comments.

2.1 System configuration

The minimum system required to use Question based Assessment in tutorial dialogues are:

- PC or laptop
- 128 MB RAM
- VGA graphics (640 x 480)
- A working Internet Connection
- Internet Explorer 6.0 or Mozilla 1.5.07

2.2 User Access Levels

Question Based Assessment in Tutorial Dialogues is designed for students or company staff as part of a training system.
There is no user access level as no restriction has been implemented during the development of this software however it recommended to have full administration rights enable in your operating system user profile if your computer is connected to a private or professional network.

Note that firewalls should be configured or disable in order to allow access to Server2Go.

3.0 INSTALLATION

3.1 Running Server2Go for the first time

i. Insert the installation CD into your CD-ROM/DVD-ROM drive. Your CD should start automatically.

ii. Double-click the **My Computer** icon. Alternatively, click **Start →My Computer**.

iii. Right-click the CD-ROM/DVD-ROM drives, and then click **Autoplay**.

iv. Copy the **Question based Assessment in tutorial dialogues folder** onto your Desktop or any location of your choice on your computer hard drive.

v. Double-click the Question based Assessment in tutorial dialogues folder, then double-click the Server2Go folder, finally double-click the **Server2Go.exe** icon to proceed.

vi. The logo below appears for a few seconds.
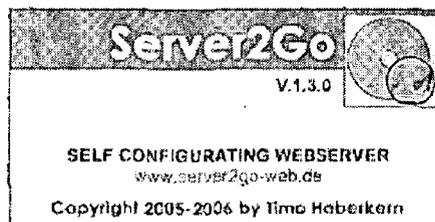
vii.   The Server2Go screen appears confirming the execution of
        Server2Go, see below.
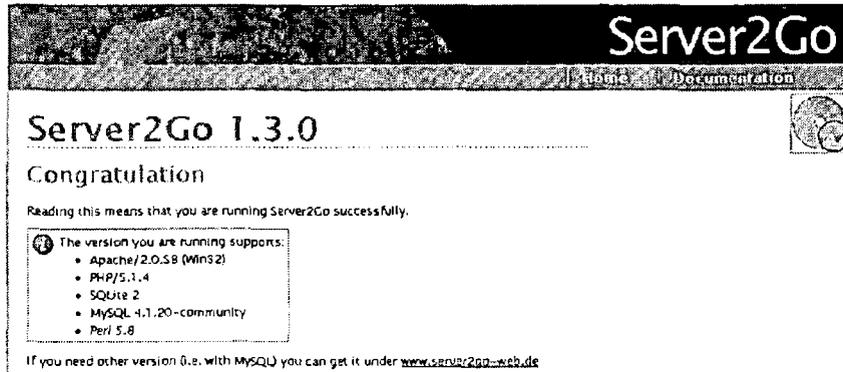
viii.   The bottom of this menu provide a PhpMyAdmin link

        phpMyAdmin

ix.   Click on the PhpMyAdmin link to access its configuration screen.

3.2   Configuring PhpMyAdmin

i.   The PhpMyAdmin welcome screen appears
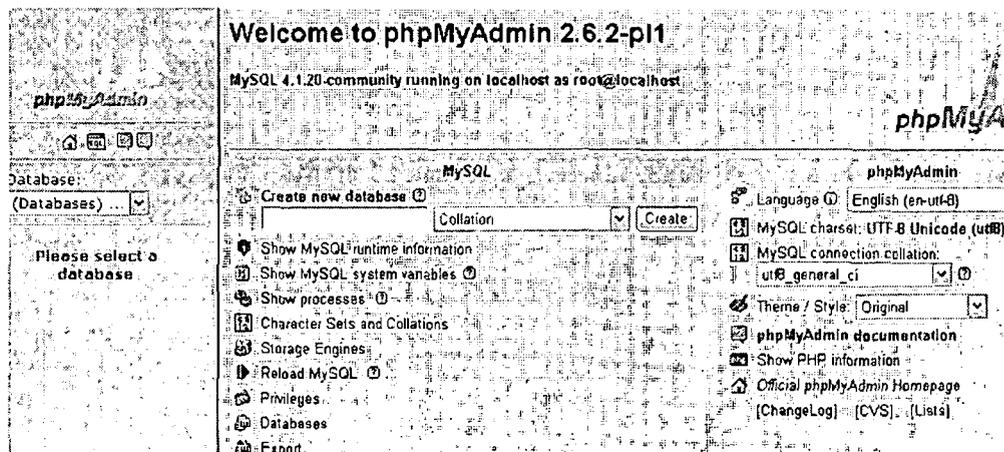
ii.   Enter the name "bot" in the **Create new database** field, then click **Create**

iii.   Click the SQL button → [🕯️SQL]
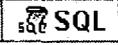
iv.   Under Location of the text file, click **Browse**

v.   Locate the **Question based Assessment in tutorial dialogues** folder previously copied onto your hard drive and browse through it following this path:

        C:\...\Question based Assessment in tutorial dialogues\Server2Go\htdocs\programe\sql\mysql\db.sql

vi.   Select **db.sql** and click **Open**.
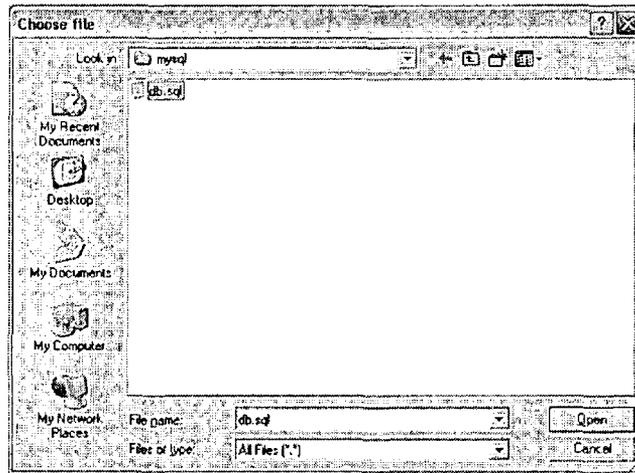
vii.   Click **Go** → [Go]

viii.   The following message appears confirming the successful query:

        Your SQL query has been executed successfully

ix.   Close **PhpMyAdmin**.

3.3 Modifying dbprefs.php

i. Locate the file **dbprefs.php** located in
Server2Go\htdocs\programe\src\admin folder

ii. Right-click on **dbprefs.php**, select **Open with**, and then choose **Notepad**.

iii. Apply the below amendments:

$rootdir=".././aiml/";
$DB_HOST="localhost";
$DB_UNAME="root";
$DB_PWORD="";
$DB_DB="bot";

4.0 USING QUESTION BASED ASSESSMENT IN TUTORIAL DIALOGUES

4.1 Running Question Based Assessment in Tutorial Dialogues

i. Run **Server2Go** and maximize its windows.

ii. Click **File, New, Window**.

iii. In your web browser address field enter the following and hit **Enter** on your keyboard:

http://*YOUR IP ADDRESS*/programe/src/admin/botloader.php

iv. If you don't know what your IP address is, In Windows, click **Start**, Run, type **CMD** and click **OK**.
If you know already your IP address, go directly to **vii**.

v. In the prompt, type **ipconfig** and hit **Enter** on your keyboard.
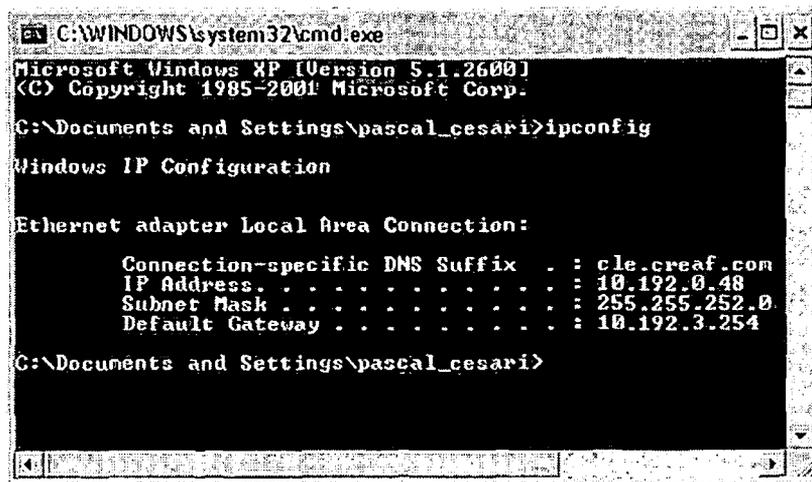
```
ET C:\WINDOWS\system32\cmd.exe                                    - □ X

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\pascal_cesari>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

        Connection-specific DNS Suffix  . : cle.creaf.com
        IP Address. . . . . . . . . . . . : 10.192.0.48
        Subnet Mask . . . . . . . . . . . : 255.255.252.0
        Default Gateway . . . . . . . . . : 10.192.3.254

C:\Documents and Settings\pascal_cesari>
```

vi.   According to the example above, the following must be entered in the
        address field of your web browser.

        http://10.192.0.48/programe/src/admin/botloader.php

        Hit the Enter key on your keyboard to run Question Based Assessment
        in Tutorial Dialogues.

vii.   The menu screen of Question Based Assessment in
        Tutorial Dialogues offers the following five different courses:

        • Overview of Software Quality Assurance
        • Overview and Principles of TCP IP
        • Overview and Principles of IPV6
        • Firewalls, Private Networks, VPN and NAT
        • Overview and Principles of Data Mining

        Click on the button corresponding to the course you want to study
        to begin.

        Note that each course includes five lectures.

File Edit View Favorites Tools Help

Address http://192.168.123.100:4001/programe/srcjadmin/boobader.php

Welcome to Question Based Assessment in Tutorial Dialogues

This system based on Artificial Intelligence offers 5 courses relating to various topics. You will get the answers to your questions and also a n each question asked. Your result will be emailed to the lecturer of your choice. Good Luck!

Please select a course when you are ready

- Overview of Software Quality Assurance
- Overview and Principles of TCP/IP
- Overview and Principles of IPV6
- Firewalls, Private Networks, VPN and NAT
- Overview and Principles of Data Mining

4.2 Entering a question

i.   In order to entered a question and submit it for evaluation, you must use the input box and a **Click** button located at the end of each lecture.

- **Network-layer security**

IPsec, the protocol for IP network-layer encryption and authentication, is an integral part of the base protocol suite in IPv6; this is unlike IPv4, where optional (but usually implemented). IPsec, however, is not widely deployed except for securing traffic between IPv6 BGP routers.

- **Mobility**

Unlike mobile IPv4, Mobile IPv6 (MIPv6) avoids triangular routing and is therefore as efficient as normal IPv6. This advantage is mostly hypothetical, neither MIP nor MIPv6 are widely deployed today.

- **Deployment status**

As of December 2005, IPv6 accounts for a tiny percentage of the live addresses in the publicly-accessible Internet, which is still dominated by IPv4. T adoption of IPv6 has been slowed by the introduction of classless inter-domain routing (CIDR) and network address translation (NAT), each of which partially alleviated the impact of address space exhaustion

Type your question here: [   ] Click

bot

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Important syntax rules!

- Each question must begin by a capital letter.
- Each question must be entered in lower case except the first letter.
- No question mark, no exclamation mark, no commas and no semi-column can be entered.

Example of valid questions

- What is mobility
- Explain ipv6 addressing

Example of invalid questions

- what is mobility?
- Explain ipv6 addressing now!

4.3   Getting answers and marks

When a question is submitted the answer to the question and the mark appear within two separate output boxes
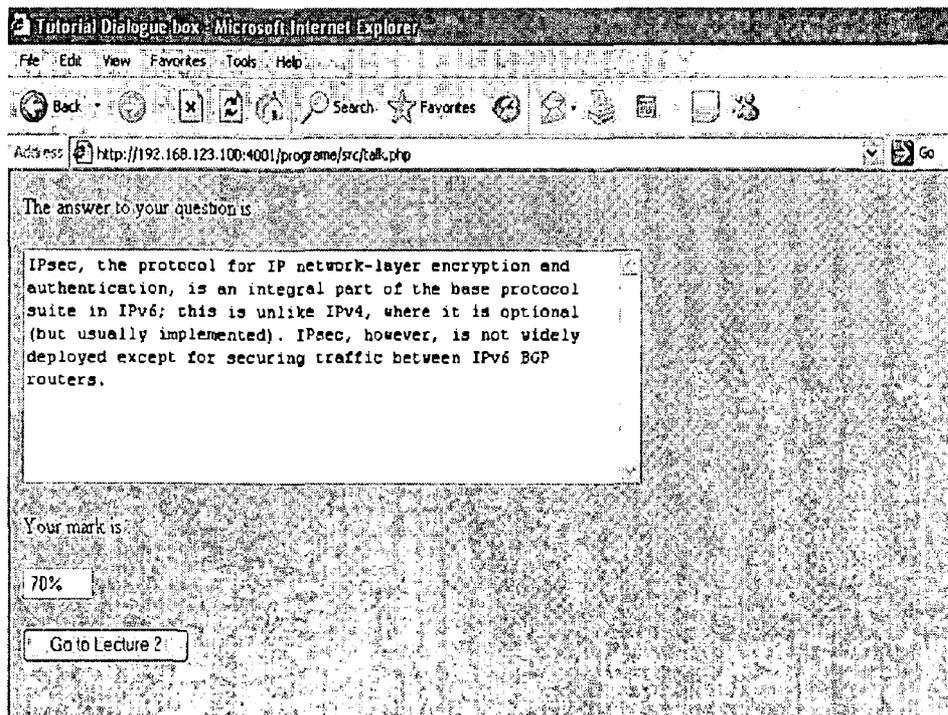
4.4   Submitting feedback to a lecturer

i.   At the end of a course, the mark and a feedback can be emailed to a
     lecturer. To proceed, select the lecturer of your choice among the list
     offered.

Address 🖹 http://192.168.123.100:4001/programe/src/talks.php   🔽 🖾 Go

The answer to your question is

```
(1)Initiate the SQA programme. The key roles are defined
and management publicly commits to them. This achieves
documented goals and responsibilities, and an identified
leaders (2)Identify SQA issues. The SQA leader and initial
staff work with project management to identify the key
issues for SQA attention (3)Write the SQA plan. The plan
defines audit and control activities, required standards
and procedures. The plan is integrated with other plans
such as the SCM and project plans (4)Establish standards.
The standards and procedures that guide SQA are developed
```

Your final Mark is 70% | Choose your lecturer: Please select your lecturer ▾
                                                     ┌──────────────────────────────┐
                                                     │ Please select your lecturer   │
                                                     │ Dr.Fredrik John   │
Enter any comment or message you may have for yo   │ Simons Merks   │
                                                     │ Judy Perkins   │
                                                     │ Igor Gorscha   │
                                                     │ Johanna Idalgo   │
                                                     └──────────────────────────────┘

   Email Result

   Back to menu page

ii. Once a lecturer is selected, you can enter any comment or message you like and email it to the lecturer using the form available.
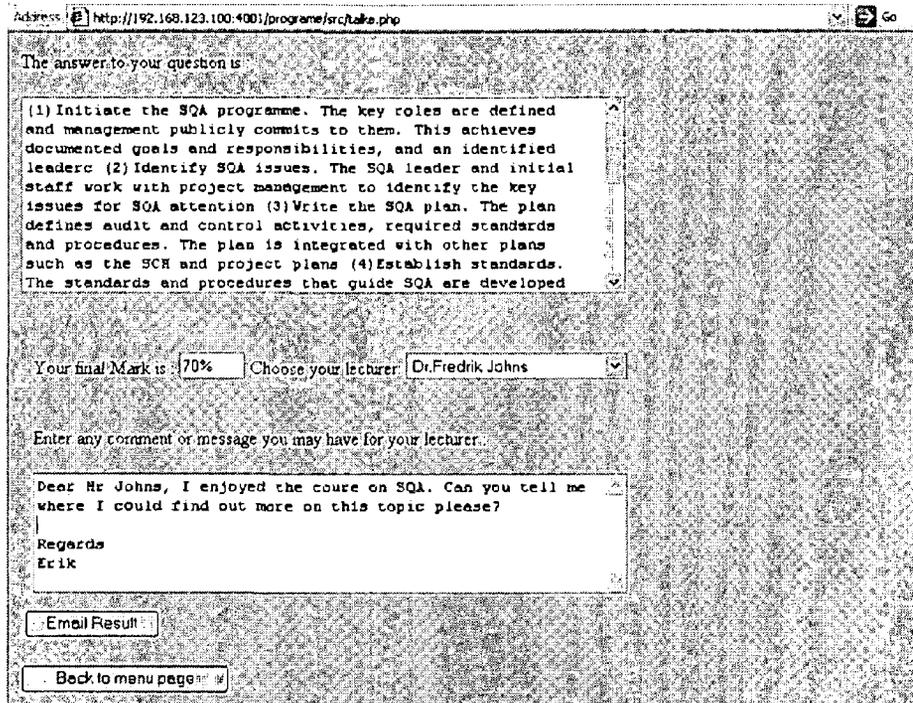
iii. Once you are happy with your feedback and your choice of lecturer, click the **Email Result** button

iv. Your web browser will display the following message. Click **OK** to continue.
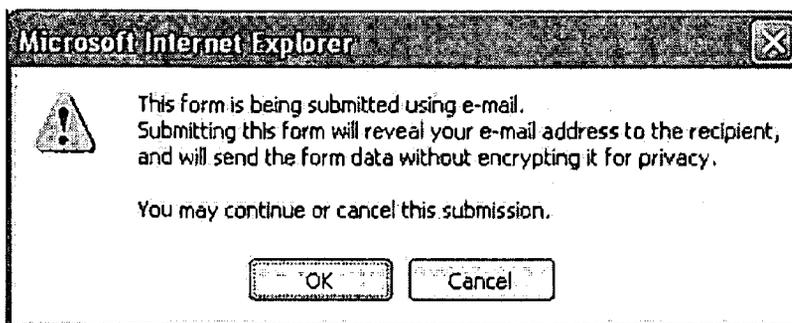
Note that Microsoft Outlook must be installed as set as you default email software.

v.   If Microsoft Outlook prompts to choose a profile, click **OK**.
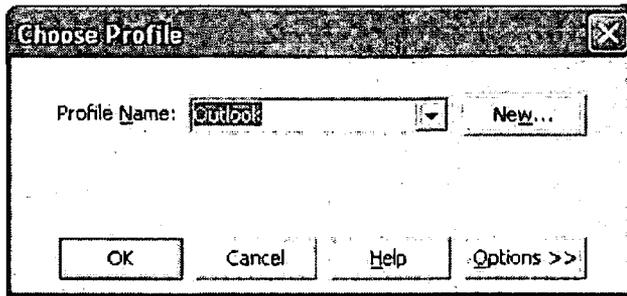
vi.   When the following confirmation screen appears, click OK to send your email
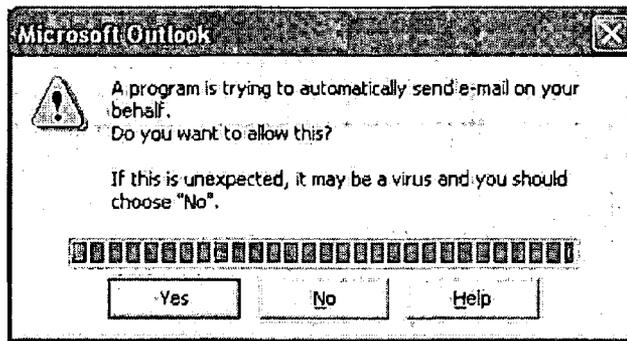
vii.   Your lecturer receives your mark, your feedback and the time of the date of submission
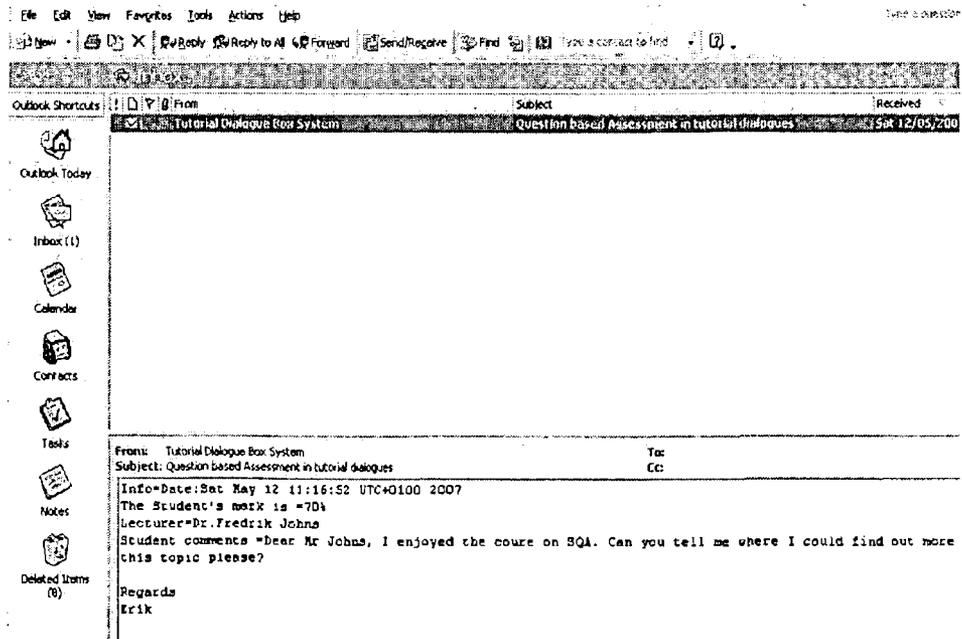
5.0 MAINTAINING THE SYSTEM

5.1 Known issues and Solutions

i. My firewall displays a security alert when I run Server2GO
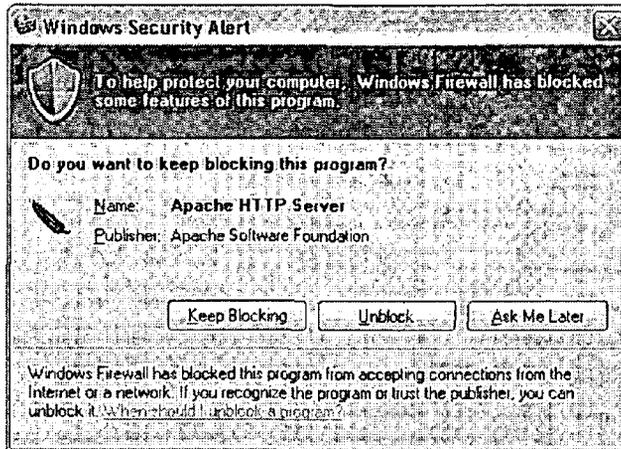
Solution:

Running Question Based Assessment in Tutorial Dialogues requires access to Server2GO which is based on Apache server.

If the a firewall security alert appears, make sure to click **Unblock** or **Allow** in order to access Server2Go and run Question Based Assessment in Tutorial Dialogues

ii. My web browser displays a connection error when I am trying to run Question Based Assessment in Tutorial Dialogues
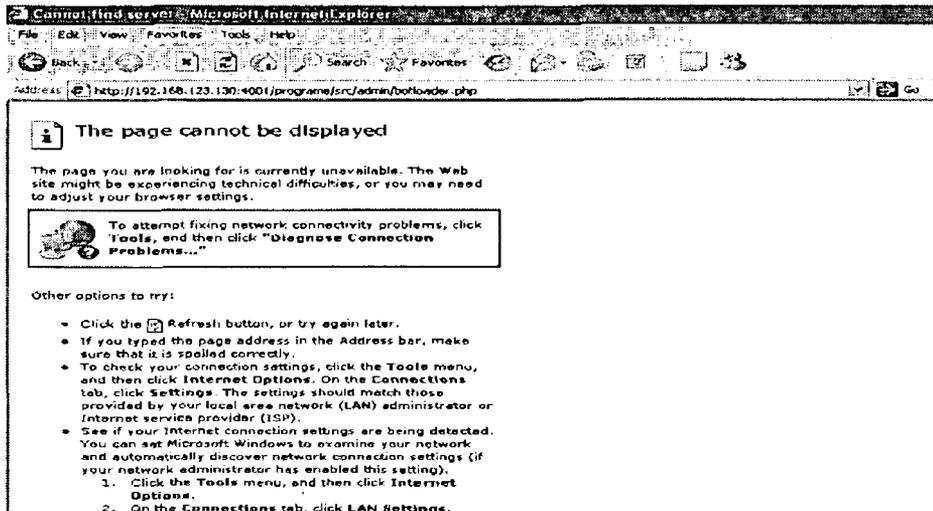
Solutions:

Check you Internet connection first; this might be the result of a network failure.

Make sure to enter the correct path including your current IP address in your web browser address field

iii. My web browser displays a warning error when I am trying to run Server2Go
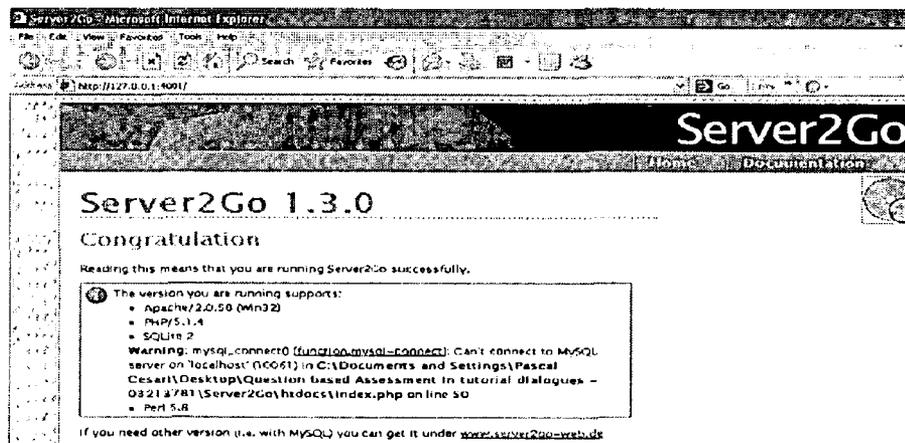
Solutions:

Check you Internet connection first; this might be the result of a network failure.
A process of Server2Go was possibly running when you ran Server2Go. End the Server2Go process and run Server2Go again

To access Windows Task Manager, press **Ctrl + Alt + Delete** simultaneously on your keyboard, select the Server2GO.exe and click **End Process.**

iv. My web browser displays a connection error when I am trying to run Question Based Assessment in Tutorial Dialogues
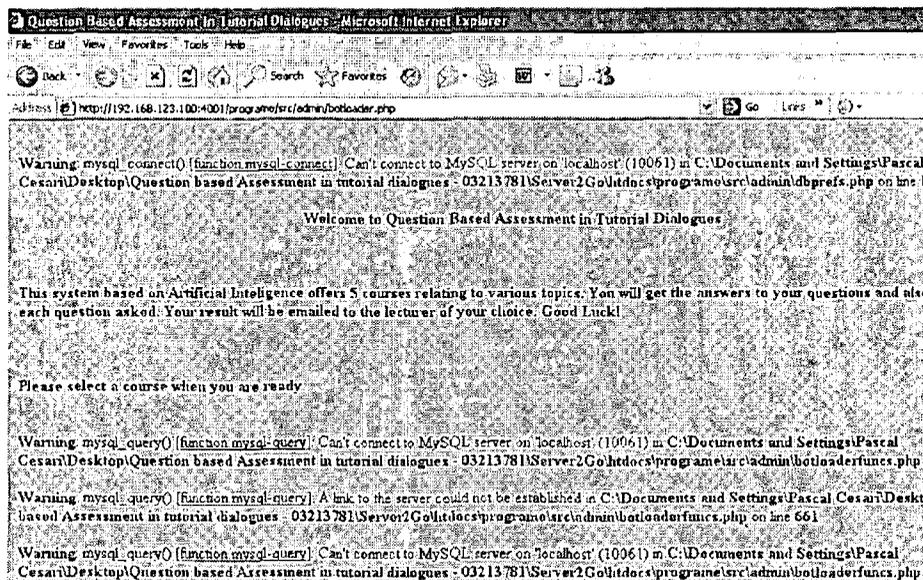
Solution:

A process of Server2Go was running when you ran Server2Go. End the Server2Go process and run Server2Go again

To access Windows Task Manager, press **Ctrl + Alt + Delete** simultaneously on your keyboard, select the Server2GO.exe and click **End Process.**

Windows Task Manager

File Options View Shut Down Help

Applications **Processes** **Performance** **Networking** **Users**

Image Name	User Name	CPU	Mem Usage
Apache.exe	Pascal Cesari	00	5,352 K
Server2Go.exe	Pascal Cesari	00	2,352 K
iexplore.exe	Pascal Cesari	00	11,220 K
taskmgr.exe	Pascal Cesari	00	5,428 K
WINWORD.EXE	Pascal Cesari	00	35,360 K
mspaint.exe	Pascal Cesari	00	12,944 K
SVCHOST.EXE	SYSTEM	00	1,340 K
NICServ.exe	SYSTEM	00	84 K
CTSVCCDA.EXE	SYSTEM	00	56 K
anbmServ.exe	SYSTEM	00	396 K
SPOOLSV.EXE	SYSTEM	00	676 K
ctfmon.exe	Pascal Cesari	00	344 K
WPCS4Cfg.exe	Pascal Cesari	00	3,028 K
SOUNDMAN.EXE	Pascal Cesari	00	200 K
realsched.exe	Pascal Cesari	00	200 K
OdHost.exe	Pascal Cesari	00	1,940 K
SVCHOST.EXE	LOCAL SERVICE	00	372 K
ALG.EXE	LOCAL SERVICE	00	264 K
Mouse_2k.exe	Pascal Cesari	00	480 K

☐ Show processes from all users

End Process

Processes: 43   CPU Usage: 0%   Commit Charge: 350216K / 4756

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