**Conestoga College – SET**

**WMP Assignment #6 – RDB Assignment #4**

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**Windows and Mobile Programming (PROG 2120)**

**Relational Databases (PROG 2110)**

Table of Contents

[How to install the application 1](#_Toc436410517)

[Install Server 1](#_Toc436410518)

[Install Client 1](#_Toc436410519)

[Install Admin 1](#_Toc436410520)

[How to start the application 1](#_Toc436410521)

[Start Server 1](#_Toc436410522)

[Strat Client 1](#_Toc436410523)

[Strat Admin 2](#_Toc436410524)

# How to install the application

In order to use this application, user need to install the server and client application.

## Install Server

The server must be installed on the computer as a service.

To install the server:

1. Start a visual studio developer command prompt
2. Type in: installutil <the path for myService.exe>

(e.g. C:\Users\XX\Desktop\myService.exe)

## Install Client

The client application does not need be installed

1. Just double click the client.exe

## Install Admin

The admin application does not need be installed

1. Just double click the admin.exe

# Create the Database and Tables

1. Go to MySQL server workbench.
2. Copy all statements from “create.sql” to a new query and run them.
3. Or drag the “create.sql” to a new SQL window and run the queries.
4. In the Output window, user will see result for each query and a green circle left to each query. indicating the query has been executed successfully.
5. After all queries have been executed, the database and the tables are created.

# How to start the application

In order to use this application, user need to start the service.

## Start Server

1. Go to computer management
2. Select the service
3. Find out the service called myService
4. Click “Start”
5. If user want to uninstall the server, user can go to visual studio developer command prompt
6. Type in: installutil <the path for myService.exe> -u

(e.g. C:\Users\XX\Desktop\myService.exe -u)

## Strat Client

1. Type user name, the ip address for the server, then click “connect”
2. And then, user can play the game
3. After user finish all the questions, user can view the history and a leaderboard
4. The buttons for view history and a leaderboard will be available after user finish all the questions.

## Strat Admin

1. Type the ip address, the admin name , which is “admin”, and password, which is “1234”, then click “connect”
2. And then, admin can check the status of alive user, the leaderboard, the report for the question, and edit the questions and answers
3. If admin wants to edit the question, a list of all the questions will be displayed, and admin need to choose one by clicking the radio button
4. Then, a form will displayed with the question text and choice text, admin can change the text and click set. The only accept option for right answer is A, B, C, and D.