BITP 3123 Distributed Application Development

Declaration of Solution for

Exercise 3

| Lab Week 13 Sem 2 2022/2023

|  |  |
| --- | --- |
| Matric No: | B032220024 |
| Name: | Siow Zhe Yi |

**Fakulti Teknologi Maklumat dan Komunikasi,**

**Univsersiti Teknikal Malaysia Melaka**

Table of Contents (This section must be updated)

[Link to Github for Exercise 3 1](#_Toc109823232)

[Design of Solution for Exercise 3 1](#_Toc109823233)

[List of Classes for the Solution of Exercise 3 1](#_Toc109823234)

[Sample of Output 1](#_Toc109823235)

# Link to Github for Exercise 3

The solution is available at https://github.com/siowzheyi/lab13.git

# Design of Solution for Exercise 3

Insert class diagram with its description

A screenshot of a computer

Description automatically generated with low confidence

# List of Classes for the Solution of Exercise 3

List all classes and methods that are used as solution in this exercise. The list should indicate the class used for the server-side and client-side solutions separately.

Classes – methods

ServerDateFrame - setVisible, updateServerStatus, updateRequestStatus, getServerStatusPanel, getRequestStatusPanel, loadComponent, getFontStyle

ClientDateFrame – setVisible, updateConnectionStatus, updateServerText, getConnectionStatusPanel, getServerDatePanel, loadComponent, getFontStyle

DataOutputStream – writeBytes, writeDouble, flush, close

Socket – getOutputStream, close, isConnected, getInputStream

ServerSocket – accept

TextLengthCalculator – getLengthText

InetAddress – getLocalHost

InputStreamReader – writeBytes, writeDouble, flush, close

BufferedReader - close

# Sample of Output

Include screenshot or output file if any

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with low confidence

A screenshot of a computer

Description automatically generated with medium confidence