**Project Report**

1. **Name and ID:**

* Bondith Sovann (ID: Bxs210029)

1. **Protocol Design:**

* **TCP:**
* **UDP:**

1. **Programming Environment:**

Window

1. **How to Compile:**

* First, compile all files by “javac \*.java”
* Second, serverside must be executed “TCP/UDPServer” object file first with the following parameter (Port number), otherwise; exception/error will be thrown.
* Last, clientside must be executed “TCP/UDPClient” object file last with correct following parameter (Server’s port number).

1. **Parameters needed during Execution:**

* For both UDP & TCP implementation shall have the same parameter as specified as following below:
  + Java ObjectFile [PortNumber] (Example: java TCPClient/Server 1234)

1. **Challenges Faced:**
2. **What you have learned doing project:**
3. **Output Screenshot:**

1. Project report (Word/PDF) format covering

a. Names and NetIDs for the group members

b. Protocol design

c. The programming environment you used;

d. How to compile and execute your programs;

e. Parameters needed during execution (i.e., IP, port, may be name)

f. Good use of comments throughout your files and code

g. If your application is not complete, specify what works and what doesn't.

h. Challenges faced

i. What you have learned doing project

j. The output screenshots of the application