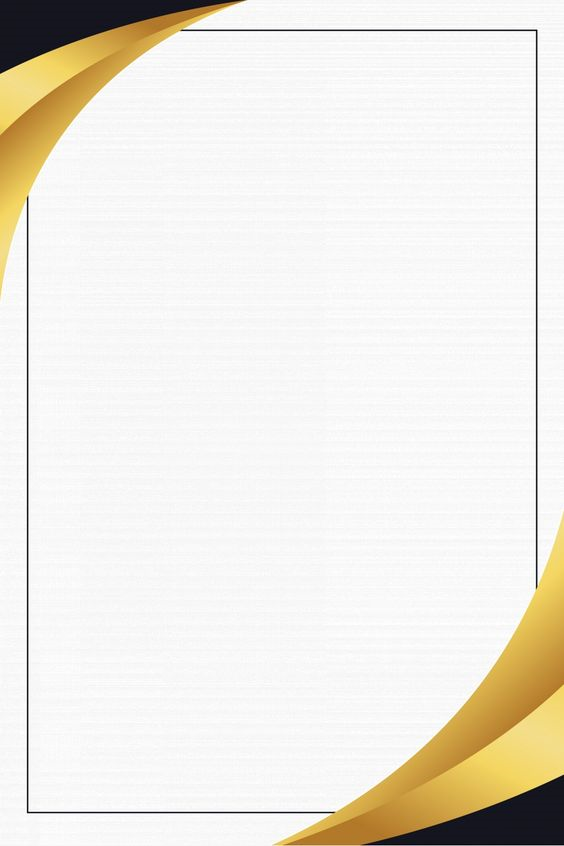
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**VIETNAM NATIONAL UNIVERSITY – HO CHI MINH CITY**

**HO CHI MINH CITY UNIVERSITY OF TECHNOLOGGY**

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**COMPUTER NETWORKS**

***ASSIGNMENT 1 REPORT***

**DEVELOP A NETWORK APPLICATION**

**CC02 — SEMESTER 232**

**Lecturer: MSc. Nguyễn Mạnh Thìn**

|  |  |  |
| --- | --- | --- |
| **Student** | **Student ID** | **Contribution** |
| Phạm Duy Tường Phước | 2252662 | 100% |
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*Ho Chi Minh City, April, 2024*

1. Overview:
   1. Requirement
   2. Implementation
      1. Server
      2. Client
2. Activity Diagram
3. Architecture Diagram:
4. Class Diagram:
5. Roles and responsibilities:
6. Application Instructions Manual
   1. How to run the application:
      1. Server
      2. Client
   2. How to use each command:
      1. Server
      2. Client
7. Define and describe the functions of the application:
   1. Server
   2. Peer
      1. Sender peer (inherit from Peer)
      2. Receiver peer (inherit from Peer)
8. Define the protocols used for each function
9. Validation (sanity test) and evaluation of actual result (performance)