**Báo cáo đồ án Cơ sở ngành mạng**

1. **Shared Memory**

Có các quyền sau:

* Mở đọc
* Mở ghi và đọc
* Tạo đọc
* Tạo ghi và đọc

Size:

Name:

Data

1. Tạo kích cỡ Shared Memory:
2. Memory map với Shared memory
3. Đọc ghi shared memory

Shm sẽ ghi lại tiến trình mở Shm và tiến trình thực hiện thao tác cuối cùng trên Shm

* For a server, it should be started before any client. The server should perform the following tasks:
  1. Ask for a shared memory with a memory key and memorize the returned shared memory ID. This is performed by system call **shmget()**.
  2. Attach this shared memory to the server's address space with system call **shmat()**.
  3. Initialize the shared memory, if necessary.
  4. Do something and wait for all clients' completion.
  5. Detach the shared memory with system call **shmdt()**.
  6. Remove the shared memory with system call **shmctl()**.
* For the client part, the procedure is almost the same:
  1. Ask for a shared memory with the same memory key and memorize the returned shared memory ID.
  2. Attach this shared memory to the client's address space.
  3. Use the memory.
  4. Detach all shared memory segments, if necessary.
  5. Exit.