```cpp
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/*
 * File:   FTPFileAccess.h
 * Author: Reza Naeemi
 *
 * Created on May 30, 2016, 11:32 PM
 */

#ifndef FTP_FILE_ACCESS_H
#define FTP_FILE_ACCESS_H


#include <unistd.h>    // <unistd.h> is needed for close()

#include <fcntl.h>   // <fcntl.h> is needed for O_RDONLY and open())



class FTPFileAccess {

    const static int INVALID_FD;

    public:
        FTPFileAccess();
        FTPFileAccess(const FTPFileAccess& orig);
        virtual ~FTPFileAccess();


        int OpenFile(const char fileName[]);
        int CloseFile();

        int CreateFile(const char fileName[]);


        int getLengthOfFile() const;
```

```
        void Read(char* buffer, int fileLength);
        void Write(char* buffer, int received);


    private:
        int clientFD;



};


#endif /* FTPDISKACCESS_H */
```