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# WORKING PROTOTYPE REPORT

PRODUCT & GROUP NAME: AMAZING MUSIC

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## List of Functions Not Working Correctly:

### Problem 1

- **Description of the failure include the input/action that causes failure**  
When two different computers attempt to communicate with a socket over the Internet, the file upload proceeds normally but the server notifies the client of the upload status (upload success).
- **Location of fault (optional)**  
Line 101 in Server.CreateFileServer.java  
Line 66 in Client.FileGiveClient.java
- **Possible action for removal of fault**  
Study the functions more deeply that send and receive information such as writeObject, writeUTF, readObject, readUTF, and check which function to replace.

### Problem 2

- **Description of the failure include the input/action that causes failure**  
Password is not case sensitive due to vanilla SQL doesn't care about case
- **Location of fault (optional)**  
None
- **Possible action for removal of fault**  
Case sensitive depends on the collation settings that is preferred. We can set collation @ server, database, table and column level.

### Problem 3

- **Description of the failure include the input/action that causes failure**  
We can't upload file if the bytes in the file divided exactly by 1024
- **Location of fault (optional)**  
CreateFileServerThread 78line
- **Possible action for removal of fault**

A conditional statement that stops when the data can no longer be read from the input stream of the file. I've tried many ways, but it doesn't work.

#### **Problem 4**

- **Description of the failure include the input/action that causes failure**  
In cutting of file feature, if the user inputs non-integer value into cut start and cut final fields, the file will be created as usual but will not contain content
- **Location of fault (optional)**  
Edit.cs in front end
- **Possible action for removal of fault**  
Successful type checking of user input, supplying error message if incorrect (been attempted but to no avail). Maybe we can use trackbar instead.