Escalona & Fadrigo

NSCOM01 S12

**Machine Project Program Design**

**Details of the Program**

1. Program Language: Java
2. Interface: GUI

**Package and Class List**

Guide: Critical, Interface, Auxilliary

1. data
   1. FileHandlers – File object file handling for opening and saving.
   2. TFTP – Handles reading of file and creation of TFTP packets including its headers.
2. gui
   1. GUI – Graphical interface
3. mains
   1. Controller – Bridges the frontend calls to backend functions.
   2. Driver – Controls the execution of the program. Accepts arguments on terminal.
4. network
   1. Client – Handles the network operations and processes using TFTP protocol.
5. testing – Not necessary for user
6. utils
   1. Hasher – Used for file verification
   2. Utility – Contains all other utility functions used by other class files and packages, primarily for diagnostic printouts.

**Sequence Diagrams**