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HW2

IEEE defines software maintenance as "The ease with which a software system or component can be modified to correct faults, improve performance or other attributes, or adapt to a changed environment." Our group decided to implement a GUI interface on our server. We obtained the original servlet source code from the facts repository and modified the FactServlet.java source file. What made the code difficult to modify was the lack of comments in the original source file. If someone reading the source code is not familiar with web-based java applications, understanding each method can be difficult. As the programmer, I would include a detailed description showing input and output values of each of the functions in the source file. However the code was easy to change given the organization of the original source file. Each function followed a universal naming convention along with a GUI skeleton used in a previous class that allows us to change the interface of our web application.