The project in assignment 1 was to create a product. We were asked to estimate the time in minutes that it will take you using your favorite language and technology to write a program that reads lines from some file and writes the sorted lines to another file. While considering the questions and views of the coder, user, and manager. It is important to discern requirements of the product beforehand so you can plan as much as you can.

The requirements of the project are having time to complete it on the coder and manager side. Create a place where the user can input a certain file type. The file will be sorted to another file. Then to return the new file with the file type. We also need to know who the user of the program is going to be to tailor it for them. We need to know where the user wants to use it, website or app. A GUI is also something that the user could require but just does not know about. Finally, we need to keep in mind that something could go wrong in the program, so it needs to be fault tolerant. Another requirement is testing the product. There needs to be documentation for the product, so we know what is happening at any time. The documentation is also useful for post product commitment.

The issue of the requirements for the project is that we cannot ask the user whether we are going in the right direction or if he needs something else. The file type that the user wanted to input is not defined. The user wanted to sort the file which brings up the issue of the multiply ways that a file can be sorted. There are multiply ways to sort things in a file and we don’t know which way the user wanted it which is an issue. What type of file to return is also not defined. The user of the program is not defined enough. We do not know where the user wants to use the product. The user could also not know how to request something or know if it is required. We don't know what could go wrong in testing the product. We don’t know how much documentation the user needs. The documentation is also useful for post product commitment.

It is important to have all the parts of the project considered before the start. Though there are almost always going to be issues that crop up that people did not think of at the start. The requirements of this product are not defined very well by the user, so we also need to communicate with the user to see if there are specifics that the user wants or needs. Therefor the project that we did the time for had a lot of issues on the requirements of the product.