Park Station Manufacturing

# Module Two Assignment

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 11/07/2021 | Raven DeCoste | Began document |

Instructions: Fill in all bracketed information on page one (the cover page), in the Document Revision History table, in the footer, and below each header. Under each header, remove the bracketed prompt and write your own paragraph response covering the indicated information.

## Executive Summary

Park Station Manufacturing would like to utilize Mac exclusive video editing software in order to produce a variety of videos for their customer base in order to help them utilize their products for training and education. Currently, Park Station Manufacturing only utilizes Windows.

## Requirements

Park Station Manufacturing requires that specific Mac only video editing software be used.

Using this, videos must be created that properly convey how their products can be used.

## Design Constraints

The first constraint of this project is its tie to Mac only software, as the requested videos where asked to be made specifically with said software. This constraint is simple to address. A Mac environment can be virtualized in virtual machine software. This, however, may run to slowly depending on the hardware, so a simpler compatibility layer may be utilized instead.

The second constraint will be adapting the team to the nuances of a Mac environment. This should be easily dealt with as the team will not have to go very deep into the operating system as they simply have to use the video editing software, thus teaching the team should be simple.

The final constraint is that the team will have to familiarize themselves with video software that they will be unfamiliar with. This should be a simple enough problem to solve by allowing the team to train with the software, attempting to translate video editing experience from Windows to the Mac software.

## Rationale

The first design constraint was simply the specific stipulation decided upon by Park Station Manufacturing. This technical constraint is relevant as the team is used to Windows rather than Mac.

The second design constraint is a technical constraint as the team will have to get used to utilizing a new environment. The is relevant as it will allow the first constraint to be properly dealt with.

The final constraint is another technical constraint much in the vain of the second one, as it is necessary for the first constraint. The team, being used to Windows, won’t necessarily have experience with this Mac only software, and will thus have to work around that fact and learn the functions and nuances of this Mac software.