Park Station Manufacturing

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 7/8/2022 | Nicholas Kreuziger | Documented Requirements and Constraints for Park Station Manufacturing project. |

## Executive Summary

Park Station Manufacturing desires to produce video clips instructing customers on product usage for training and educational purposes. They would like to start producing Video Clips using high quality Video Editing Software. They utilize Windows Operating Systems and desire a program that operates on Mac Operating System.

## Requirements

Park Station Manufacturing desires the capabilities to edit and produce videos with video editing software. They also require a means to emulate the Mac Operating System to use their desired software.

## Design Constraints

1. The company uses Windows Operating Systems.
2. Their hardware must run or emulate a Mac Operating System.
3. Their IT needs will change if they crosswalk their Operating Systems. How they navigate the above two Constraints will guide the path forward.

## Rationale

The client desires a program needing software and hardware they do not currently possess. Pivotal decisions must be made as an organization if they desire to use their selected software. We must assess whether the software they desire, or the cost of hardware takes priority. Once that is determined we can better move forward with sharing next steps and providing quotes. Additionally, discussing their organization’s IT Department response to these steps will be important to ensure continued satisfaction with their decision. The IT Department must be capable of managing the emulation environment or maintenance Mac Systems if they replace their hardware entirely.