Park Station Manufacturing

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 07/06/2025 | Avrye Tompkins | Revision and addition to Requirements, design constraints and rational. Updated client and date. |

Under each header, remove the bracketed prompt and write your own paragraph response covering the indicated information.

## Executive Summary

Park Station Manufacturing wants to produce video clips on how customers can user their products. This is for education and training. They want to produce high quality videos on Macs because they have better publishing capabilities, they currently use only Windows.

## Requirements

The requirements for this would be a high-quality camera, actors and educators for the videos, and someone to film. They need an overhaul, transferring from Windows to Mac, and some form of publishing and editing training to make proper videos.

## Design Constraints

The first design constraint is not having proper filming equipment; this is a technical constraint. The second design constraint is not having any training in regard to video editing software, which is both a business and technical constraint. The final constraint is the need to transfer from Windows to Mac, and any learning curve they might have to endure, which is a technical constraint.

## Rationale

For the first design constraint, to create high quality videos, the proper equipment is necessary, especially for high quality videos. The second constraint is proper education to have the ability to use both the equipment and the new video editing software. Since Park Station Manufacturing is wanting to move to new video editing software, they also need to learn how to use Mac instead of Windows. This creates a decent sized learning curve that may take a while to overcome. The final is the overhaul of switching from Windows to Mac, this is a completely different program, which may be difficult to change to. These constraints are fixable with proper preparation and will allow the company to achieve the goals they set .