Park Station Manufacturing

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 11/04/2023 | Mohamed Elmarzougui | Park Station Manufacturing needs to create training videos using Mac-specific editing software, but faces compatibility issues with their Windows setup. |

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 aims to produce high-quality video clips for customer training and educational purposes. They require video editing software available only on Mac due to its superior desktop publishing capabilities. The challenge is the incompatibility between their existing Windows infrastructure and the desired Mac-specific software.

## Requirements

* Business Requirement: Produce high-quality video clips for customer training and education.
* Technical Requirement: Utilize video editing software with superior desktop publishing capabilities available exclusively on Mac.

## Design Constraints

The need to integrate Mac-specific software with existing Windows systems poses a technical challenge due to operating system incompatibility.

Finding software alternatives or adaptations for Windows that match the capabilities of the Mac-specific software presents a technical constraint.

Hardware and Resources (Technical Constraint): Potential hardware upgrades may be required to support the demands of the selected software for high-quality video production.

## Rationale

Operating System Compatibility: The technical challenge arises from the conflict between the needed Mac-specific software and the current Windows systems, hindering compatibility.

Software Adaptation or Alternatives: The need to find software solutions that mirror the desired Mac-specific software capabilities within a Windows environment poses a technical challenge.

Hardware and Resources: Using the software for editing videos might need better hardware or an upgrade.