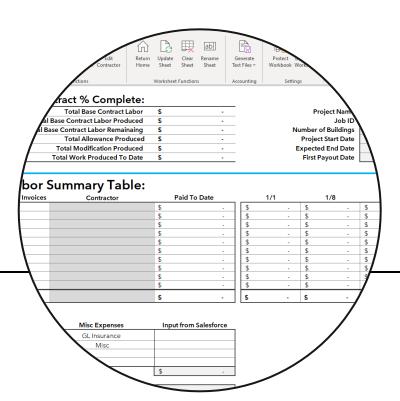
REVERSE ENGINEERING & USER EXPERIENCE (UX) IMPROVEMENTS







BACKGROUND & REQUIREMENTS

Background

The client's workbook was semiautomated by a previous developer who was unable to continue working on the project. The client needed to find a new developer to revise and update functionality in the existing workbook.

Requirements

Reverse Engineer the existing workbook to understand how it works so that requested updates and improvements could be made. While analyzing the existing automation, identify opportunities for improvements and further automation.



Create a fully automated Excel workbook that will:

- Reverse engineer the existing workbook and its functions
- Work closely with client to modify the workbook per their needs
- Improve the workbook visually to enhance the user experience by making it look less like Excel and more like a custom application

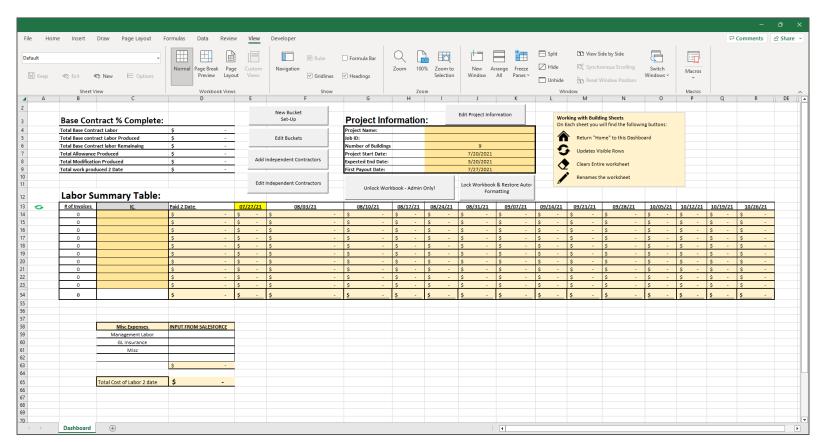
Skills & Expertise Utilized

- Automation with Excel VBA
- Data formatting
- Data Analysis and Visualization

- Custom UI Design
- Custom Tab in Excel Ribbon

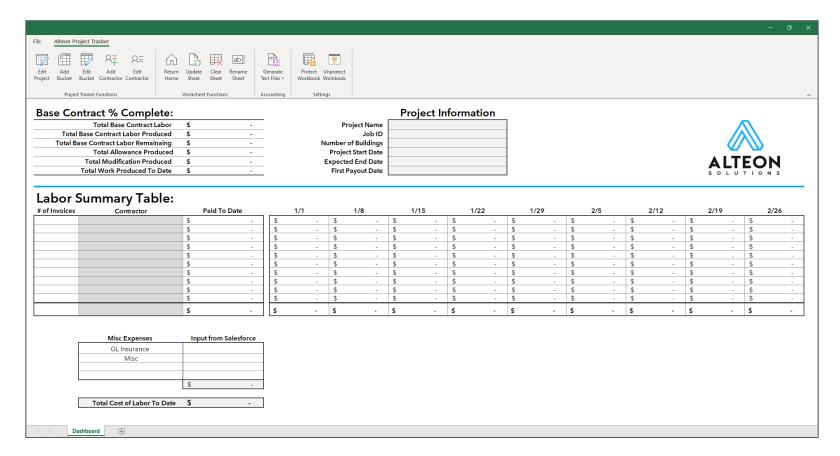


ORIGINAL DESIGN





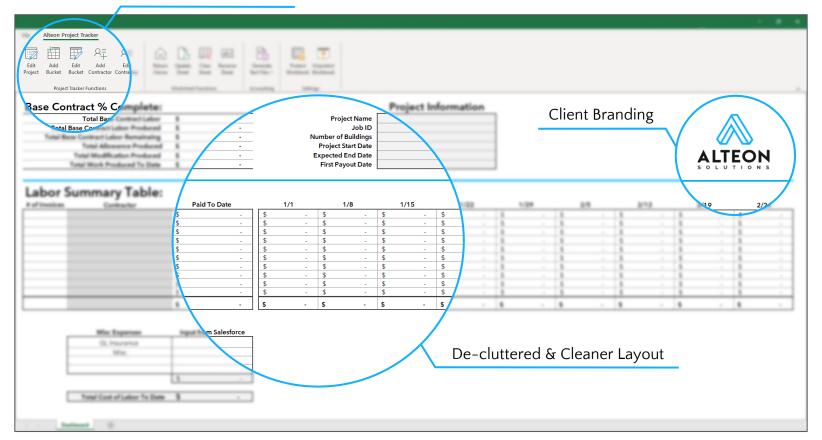
FINAL DELIVERABLE





DETAIL SPOTLIGHT

Custom Excel Interface





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