

AI Team Meeting Notes – 10/31/2024

A. Revere Trip

1. Joe, Manuel, Sarah, Nick, and Zach are going to travel 11/11/2024 and 11/12/2024 to Alabama to meet with Revere and learn how they have implemented using AI in their company.

B. Specification Review with AI

1. Has been good at detecting numerical, manufacturer, and model changes to a specification.
2. Has Struggled with missing sections/paragraphs.
 - Nick suggested two methods to help correct this,
 - a. Using the memory of ChatGPT and explicitly stating that ChatGPT needs to “always” look for section. Commands can have ChatGPT update its memory and apply that command to all future conversations.
 - b. Providing context for ChatGPT to help it understand Aqua-Aerobic’s terms and systems.
3. Aqua-Aerobic’s spec formatting is structured without numbering and lettering and so ChatGPT struggles to connect sections that need to be next to each other and proper order.
 - a. This may be able to be fixed by giving ChatGPT more context and may take time to continually teach it until it does understand.
4. The review by ChatGPT isn’t detecting everything and it needs to for this to be implemented as a way to save time in the process. If it isn’t perfect a human still has to spend the time to check and review the specification, making the benefit of using AI minimal. (Joe stated that it took 8 months of training for Revere to be confident in their AI making spec review without a human checking its accuracy. It can be done but is an extensive process).
5. Customizing and wording in ChatGPT are important in providing accurate and useful results.
 - a. For Cost Estimating a summary is not useful, but ensuring that the user gets a list of changes and specials that can be found within a spec are detected.
 - b. Develop a standard approach and setting for each task to help aid in getting effective results.

C. Legality Questions

1. Can uploading specs cause any legality issues in the future even if they are public (Confidentiality concerns by contractor or specific vendors)?
2. What can be considered plagiarism in anything we output from ChatGPT, if it pulls from something copyrighted that is on the internet without a reference, are we at risk?