Yeast that Flavors Beer: Improving the Text with the Manuscript Grid

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Background

The primary challenge with Vanderhaegen, B., et al.'s "Bioflavoring and Beer Refermentation" lies in its heavy use of specific genetic terms and detailed biochemical processes. The article provides much knowledge on beer refermentation and flavoring yeasts, but its depth and complexity make it a difficult read.

Goals

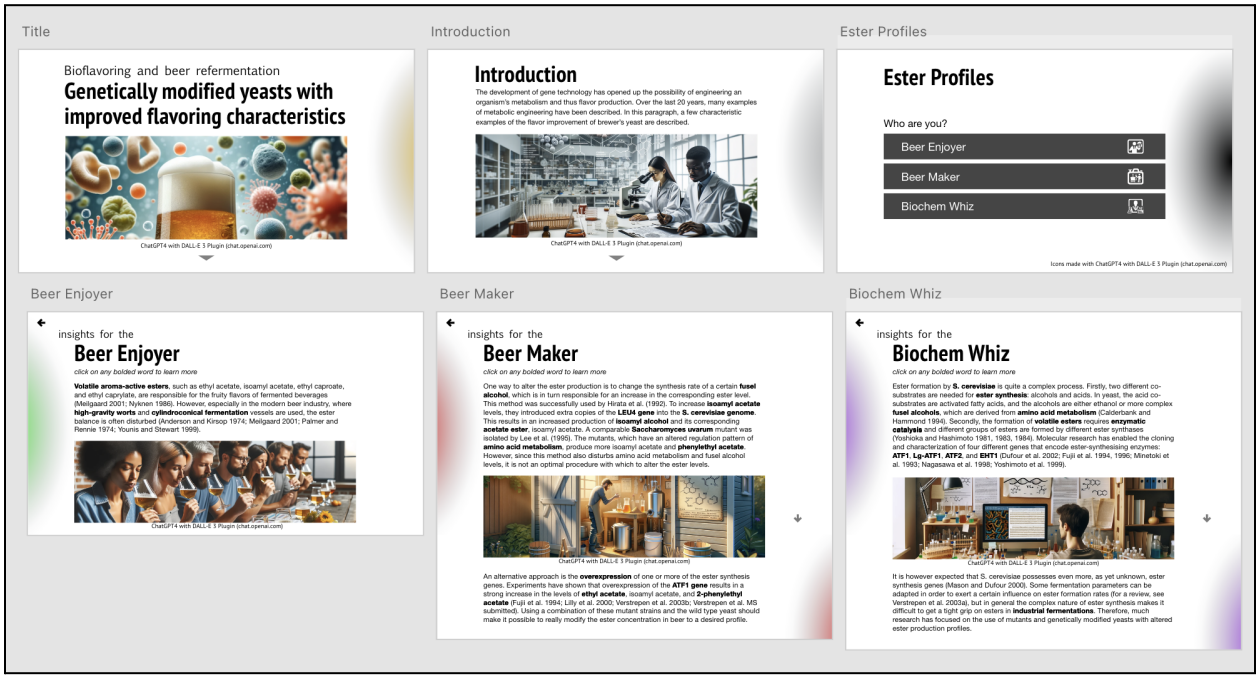
The primary objective was to improve the reading experience for anyone wanting to dive into the article, whether for a class or leisure. This was to be done by employing the manuscript grid system. I could also employ any methods I wished to help break down the text and provide the reader with microbreaks to digest the text.

Brief Findings

I implemented a few main features in reorganizing the information and presenting it through a manuscript grid. The first main idea was to break down the information into separate pages so that instead of one long paragraph, it would fit over six pages.

Another feature was breaking down the bulk of the information into different levels of understanding. This would allow the reader to decide if they wanted the most basic information, a more profound understanding, or the complete picture. These sections are called "Beer Enjoyer," "Beer Maker," and "Biochem Whiz." The "Beer Enjoyer"

section only contains information that is interesting to those who drink beer, such as stating what the yeast does without explaining how.



The “Beer Maker” section contains further information as to how the yeast & esters work and how one would generally perform this process. Finally, the “Biochem Whiz” section contains the most scientific information that deals with genes and the science behind the processes of flavoring beer. All of this text remains the same as the original, and it was just chunked and reorganized into further sections.

We also include images on the pages for the three new sections. The photos act to indicate further what reading or understanding level the reader chose. On the latter two pages, “Beer Maker” and “Biochem Whiz,” the image also acts as a microbreak and content separator. It gives the reader time to think before scrolling to find another chunk of text.