

CIS 344

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Individual Project

For this individual project the mini world that I selected was a craft brewery. In research of this mini world, I discovered that the number 1 thing for making drinks would be the recipes. I also learned that craft brewery databases typically support "grain-to-glass" operations, from ingredient sourcing to sales. This is shown in my Chen ER diagram where you can see the process from supplier to ingredients to recipe to batch to the final product which is then ordered by customers. It's important to note that batch is a weak entity since it depends on the recipe entity. It was interesting to learn how vast these database systems could become. My example is focused solely on the development of the final product, it doesn't include employees, compliance & reporting (to make sure your brewery complies with the law), and financial analysis.