Team 19 - The Boys of 103
Mixology Application
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Problem Statement:

No drink beats a well mixed cocktail at your favorite bar. However, what if you don't want to leave your house or pay $10 for drinks that you can make yourself for the fraction of the cost? You could mix your own drinks at home, but you're not a bartender: you don't know what drinks you can make with what you have in your kitchen. Our mixology app aims to solve that problem: give it a list of ingredients and Mixbook will give you detailed recipes using only those ingredients. Currently there are a multitude of mixology apps that just solely list recipes. Our application serves to create a social media where users can share recipes and review drinks through a simple user interface.

Project Objectives:
- Create an application that shows how to make various drinks with the ingredients that a user currently has
- Develop a social recipe review platform
- Design a secure, scalable, and modular three tier architecture
- Reimagine the concept of a cocktail recipe utility

Stakeholders:
- **Users**: People who enjoy preparing their own drink cocktails
- **Developers**: Alexander Coll, Nick Zenobi, Tyler Preston, Wyatt Dahlenberg
- **Project Owners**: Alexander Coll, Nick Zenobi, Tyler Preston, Wyatt Dahlenberg
- **Project Manager**: Alexander Coll

Deliverables:
- An Android application for finding, reviewing, and sharing drink recipes.
- A MySQL database that stores a variety of pertinent persistent information
- A Java based backend
- A frontend designed to be both aesthetically pleasing and interactive