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# BOTTOMS UP: THE IN-HOME TURN UP

IN THE US, A PERSON IS INJURED  
IN A DRUNK DRIVING CRASH  
EVERY TWO MINUTES.

National Highway Traffic Safety Administration

## PROBLEM

- ▶ People will go to bars, lounges, etc. and spend an overwhelming amount of money in addition to the risk of driving home while under the influence.
- ▶ There needs to be a way for those who would prefer to stay in the safety and comfort of their home to indulge in such activities without unnecessary risk and expense.

# SOLUTION

- ▶ We hope to give you the freedom to be a bartender at home with Bottoms Up.
- ▶ Bottoms Up is a web application in which users will be able to input their own choice of alcohol, juice, fruit, etc and generate a list of mixers, cocktails, and shots based on the ingredients selected.



## FUNCTIONAL REQUIREMENTS

- ▶ Generate a list of all alcoholic beverages based on the user's input.
- ▶ Create separate list in which the user can save recipes as favorites.
- ▶ Maintain a list of drinking games including materials, instructions, and rules on how to play.

## TECHNOLOGY USED

- ▶ Java Programming Language
- ▶ MySQL Query Language
- ▶ PhP
- ▶ MySQL Relational Database

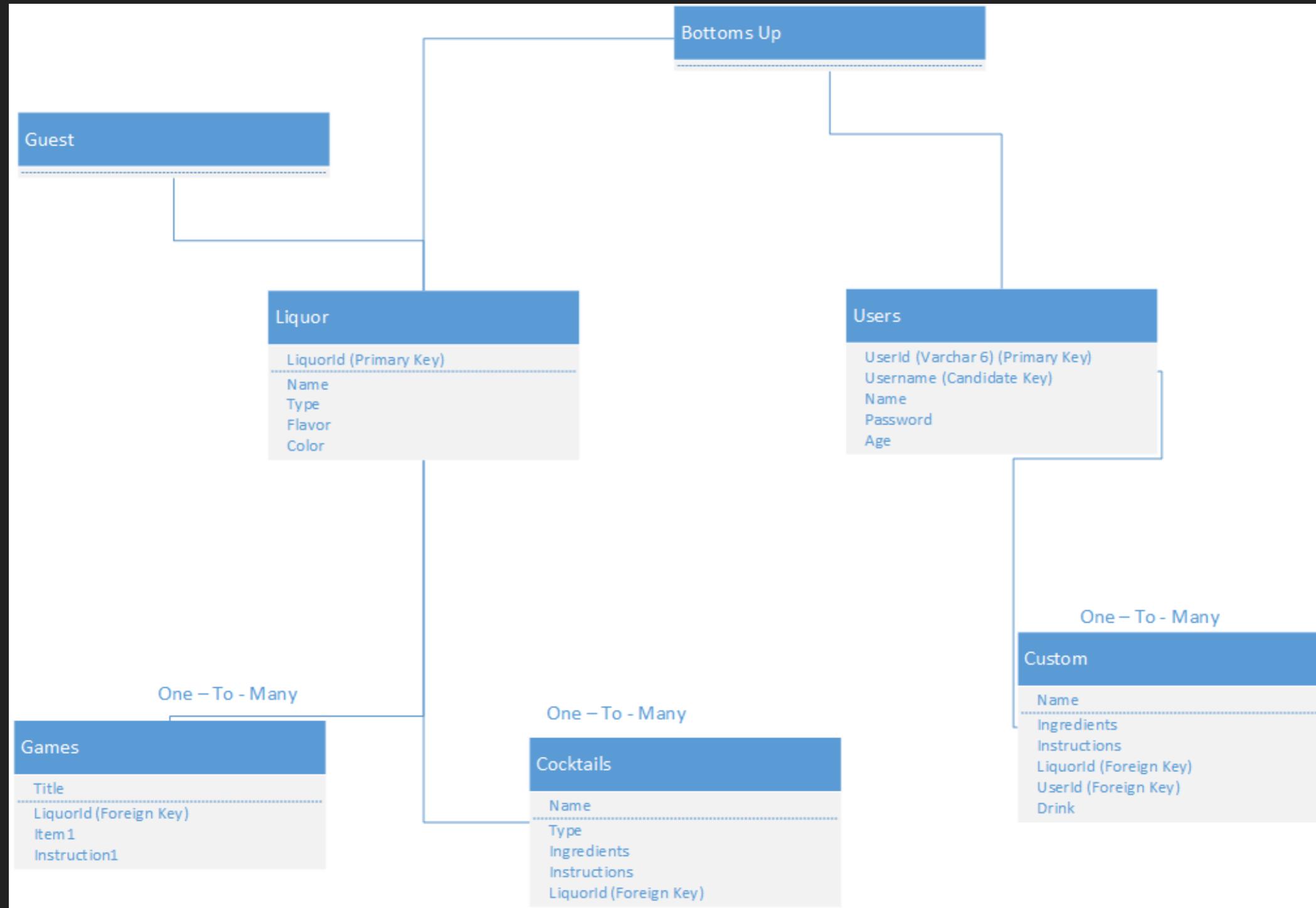


## EXAMPLE USE CASES

- ▶ Become a member: Save Name, Age, desired Username, UserID to USER table.
- ▶ Add item to personal collection: Save Ingredients, Instructions, LiquorID, Name and UserID to CUSTOMS table.
- ▶ Delete item from cocktail collection: Find record, delete record from all columns of CUSTOMS table with Name desired.

# BOTTOMS UP

## ER DIAGRAM



# FUTURE WORK

- ▶ The application will have the option to read the instructions to the user aloud for hands free creation.
- ▶ The application will regularly update drinking game suggestions to keep parties fresh.
- ▶ Motion images (GIF) will be able to demonstrate instruction as they are being read to the user to provide clarity of technique.

