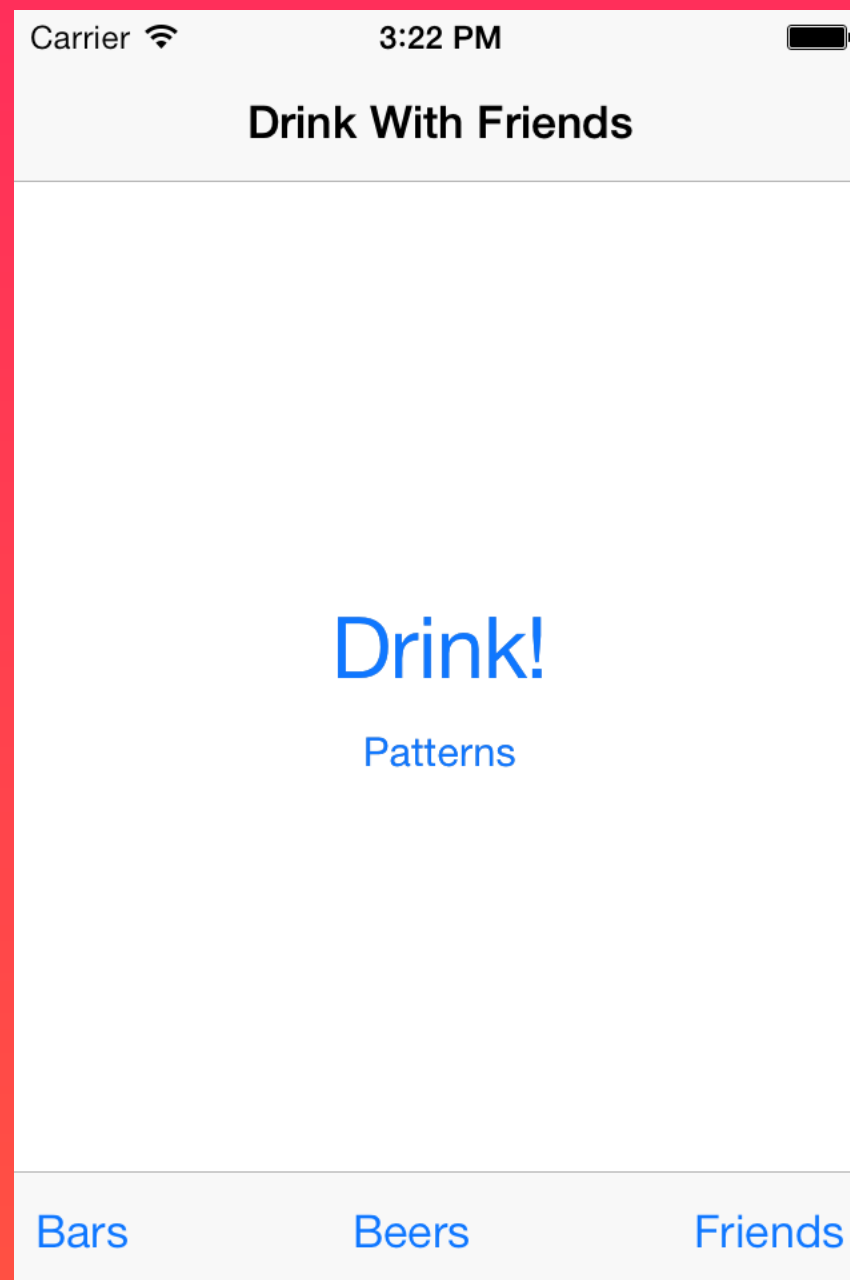


# Drink With Friends

by Paul Jones and Frank Porco

# Drink With Friends



# Why use the app?

- Drinkers get a tool to help them find local bars and log their trips.
- Bars get information on the beer preferences of their customers
- Both get demographic information of bars (age and gender of customers)

# Drink With Friends

- iOS 7 app for iPhone 4+
- MapKit API is used to get a list of bars near the user's current location
- Address Book API is used to get a user's contacts
- iOS uses SQLite for app databases

# Tools Used

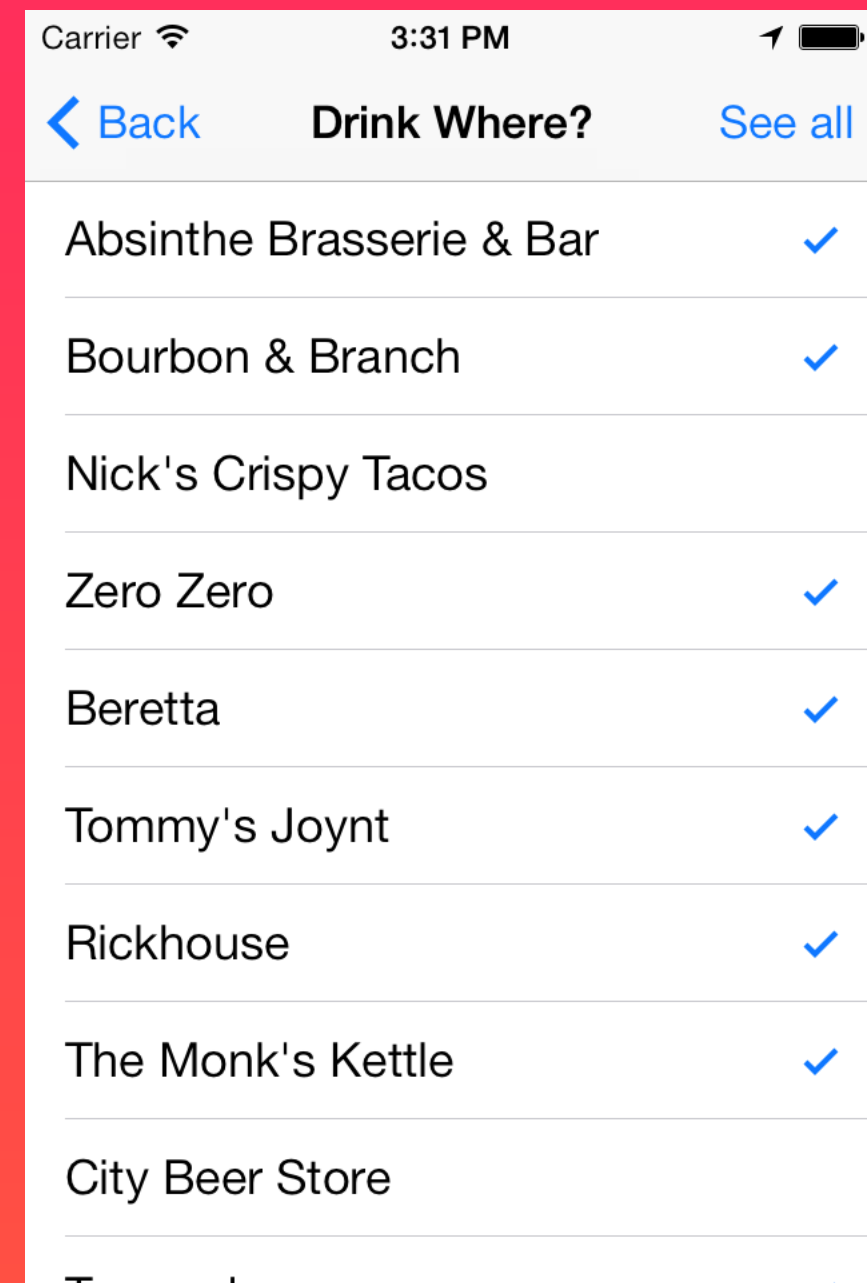
- Xcode and Objective-C for coding the app
- iOS Simulator for testing on Mac OS
- MesaSQLite for checking the database

# How does SQLite differ from MySQL?

- No users or permissions
- No server process
- Small library size and low memory requirements
- Used to store app information for iOS and Android

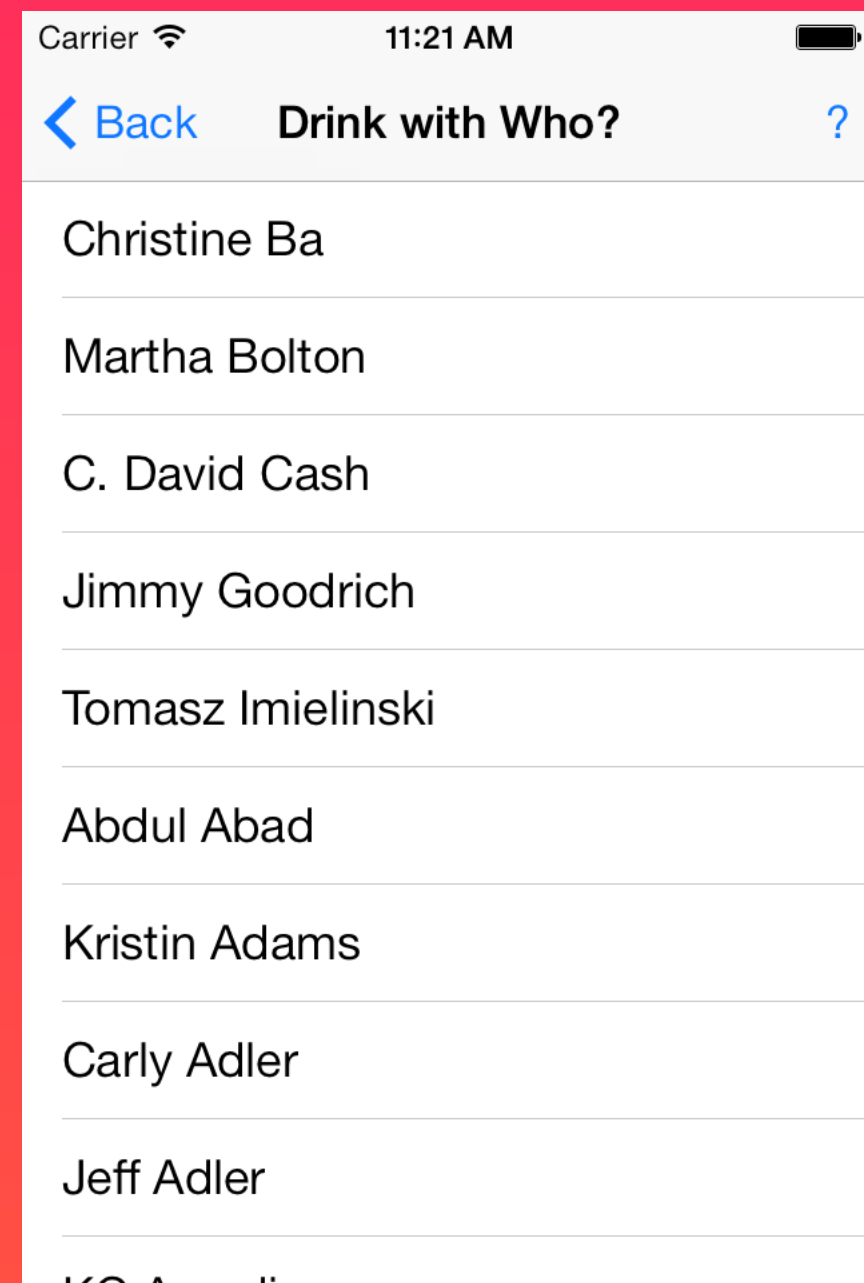
# Drinkers

- Users can select their favorite bars from a list of local places.



# Drinkers

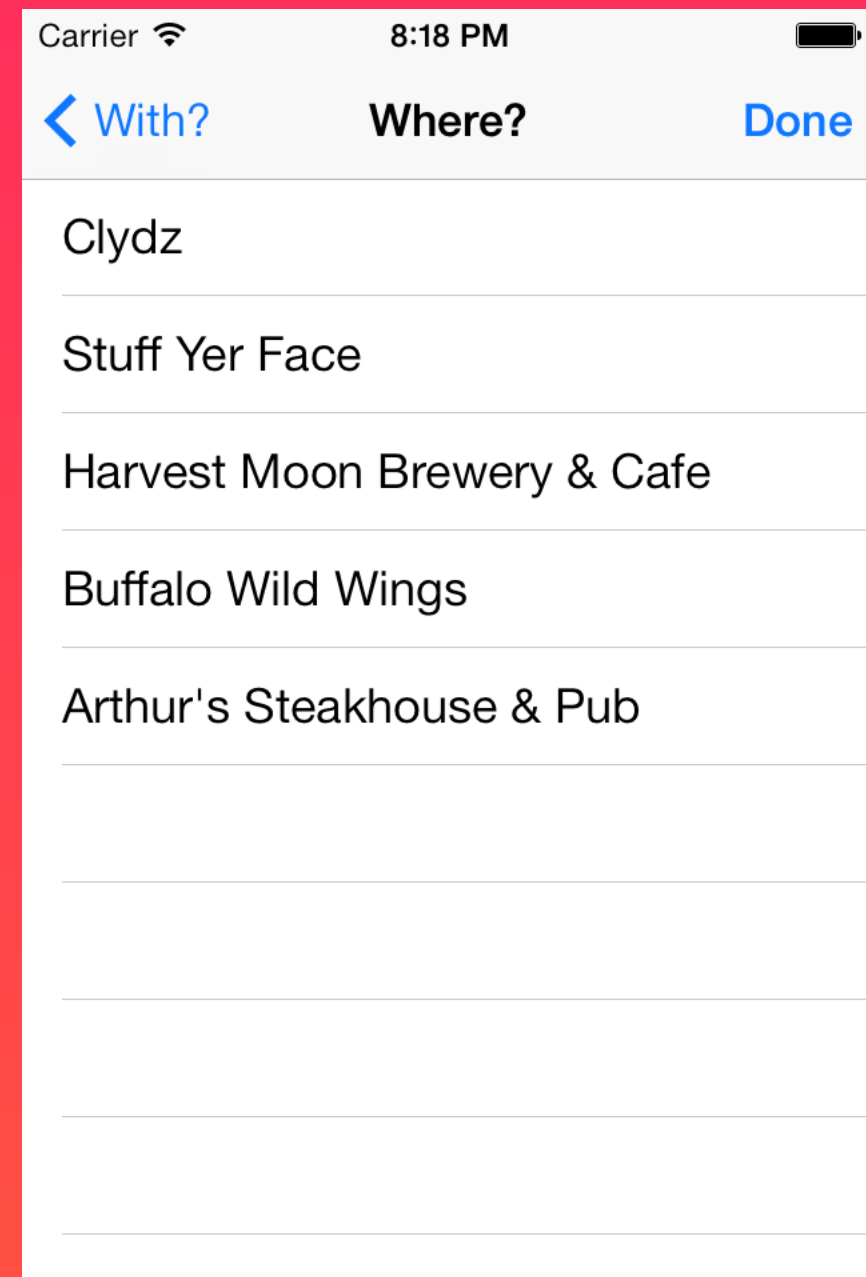
- Users' contact lists are imported when they first run the app, and they can select which of those contacts are friends.





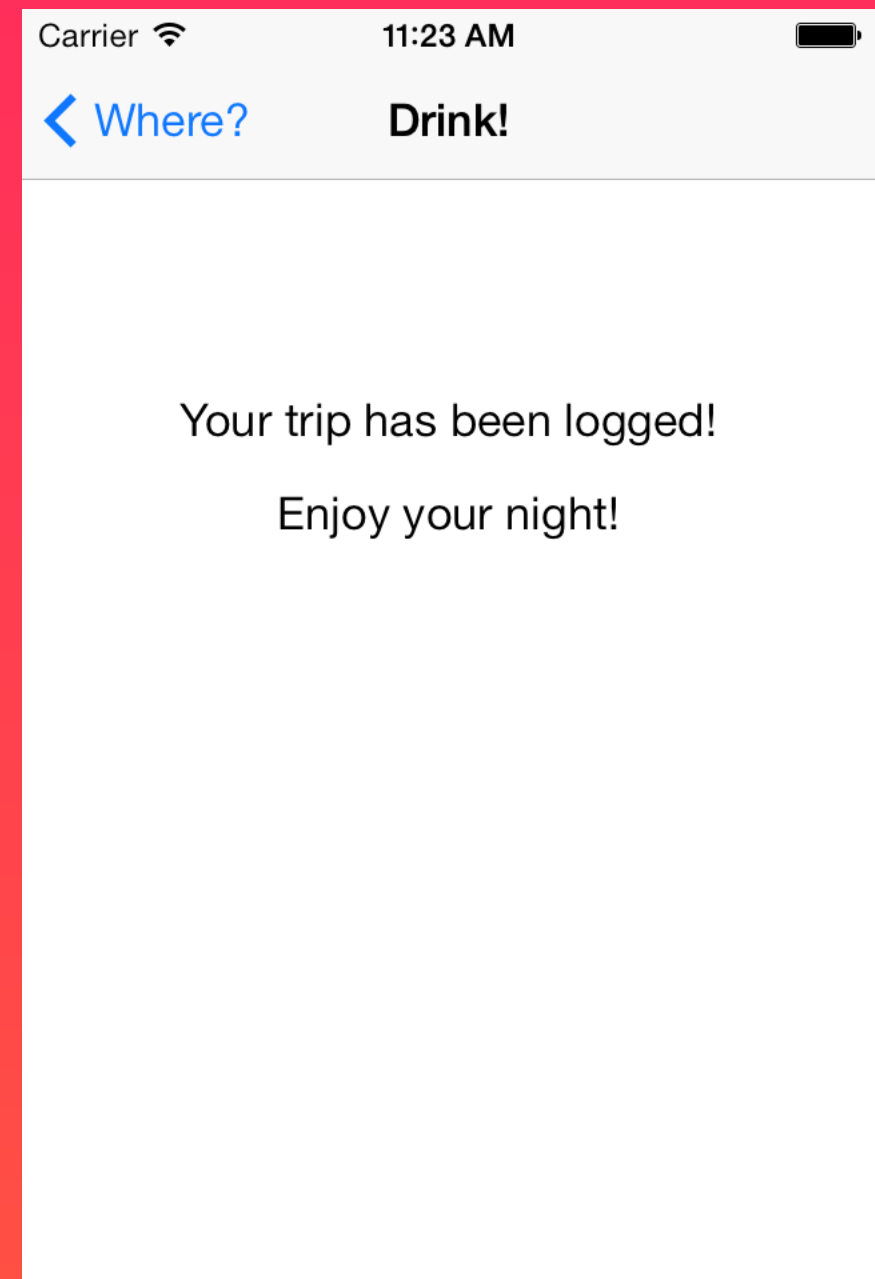
# Drinkers

- The user selects which friends they want to go drinking with and which bar they want to go to.

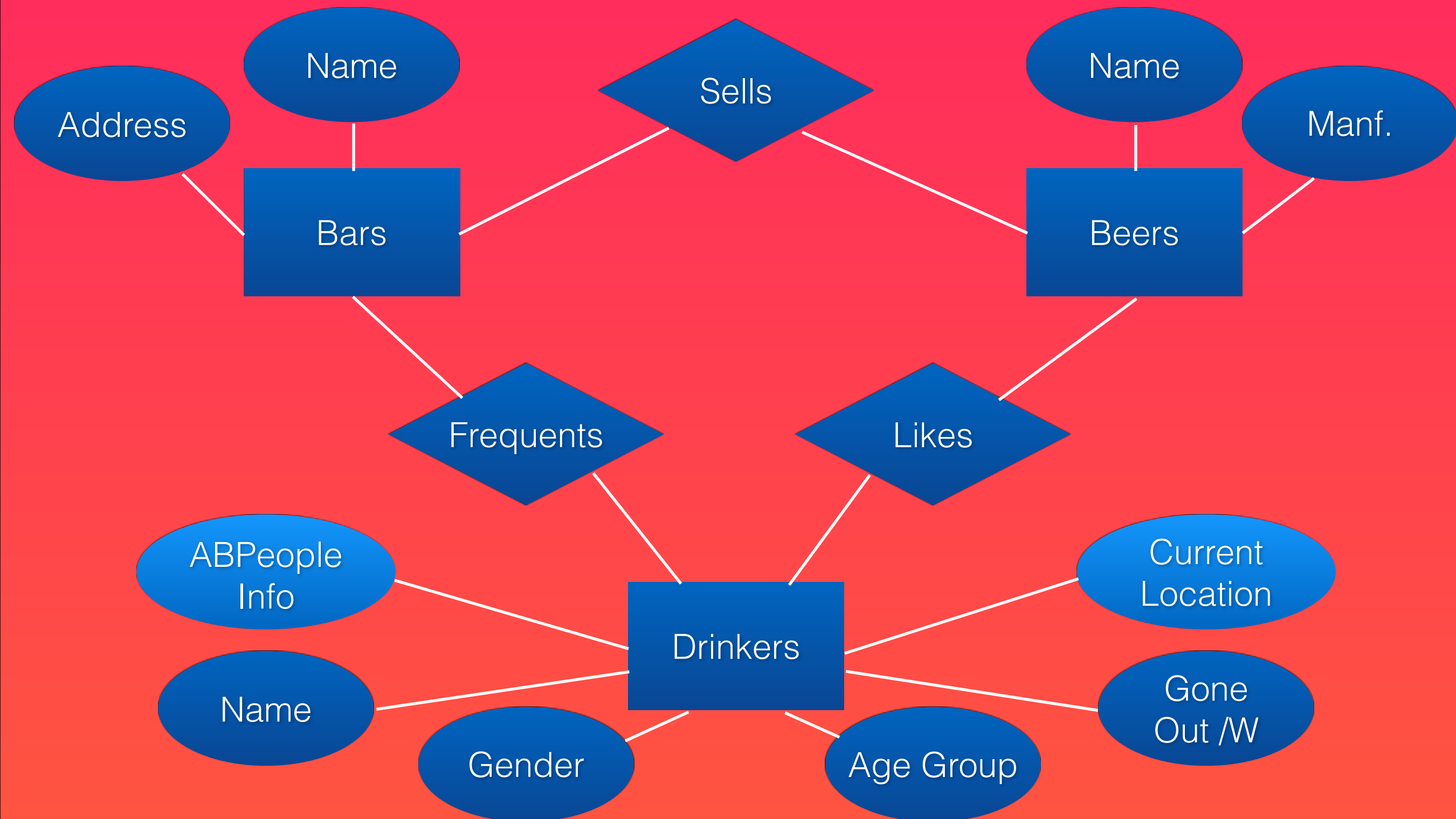


# Drinkers

- Then they're on their way to a night of fun!



# ER Diagram



# Tables

beers		
rowid	name	manf.

drinkers					
rowid	firstName	lastName	goneOut With	gender	ageGroup

frequents			likes		
rowid	drinker	bar	rowid	drinker	beer

bars			sells			
name	phone#	address	rowid	bar	beer	price

# Patterns

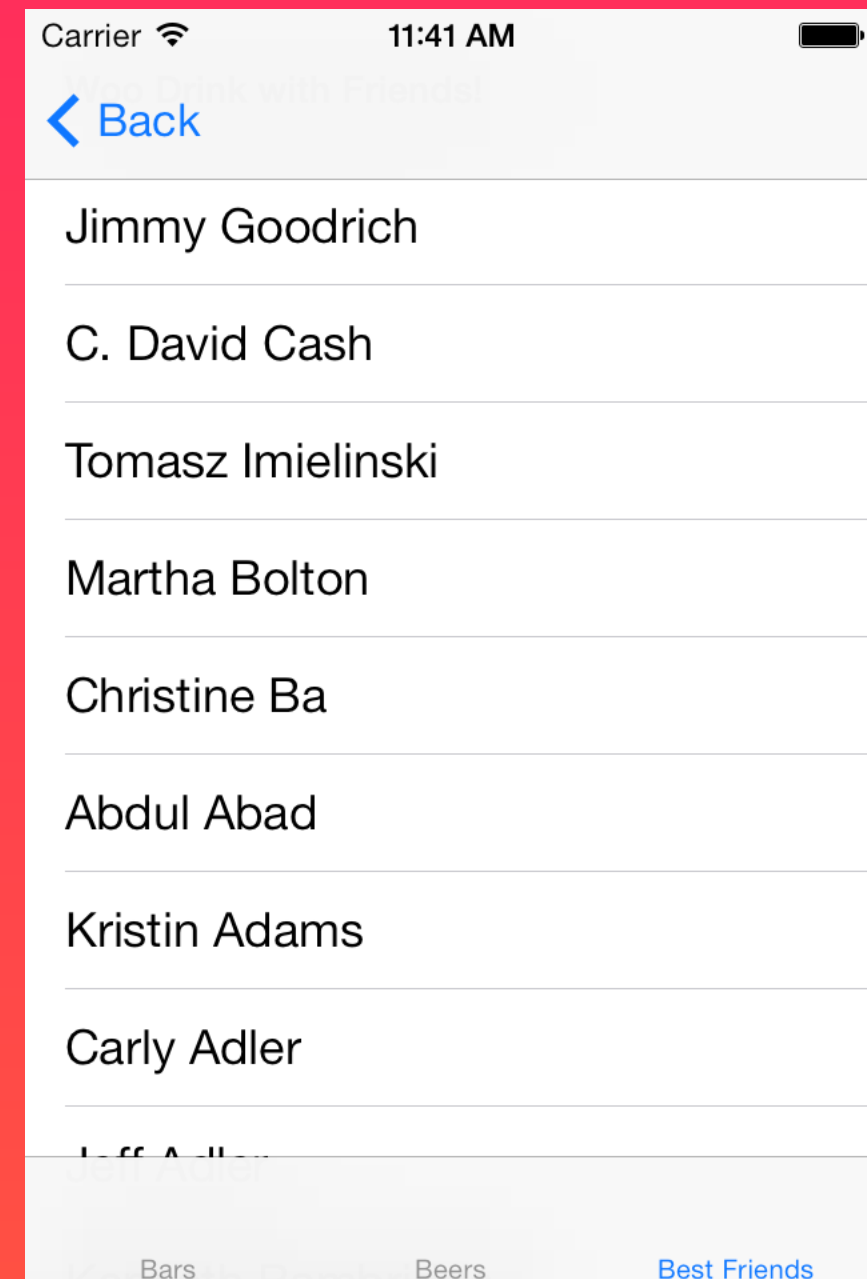
- Each drinker in the database has an age group and gender.
- Age groups are divided into 21-29, 30-39, 40-49, and 50+
- There is a list of beers liked and bars frequented for each drinker.
- Data is gathered on which friends go out together
- This info can be used to find patterns in the demographics for every bar and beer.

# Patterns

- Data is as real as possible: real drinkers and bars
- Ex. the most common drinker of Bud Light is a female aged 21-29.
- Ex. Bourbon & Branch is most frequented by males aged 50+

# Patterns

- Patterns can be viewed in the app.



Thank you!