

Group Members: Mitch Edison, Drew Mares

Functions

Main-Calculate the BAC of the user

1. Enter in weight, height, and age
2. Time started drinking
3. Number of drinks
4. Food consumed (type of food)

Display graph of BAC over time (maybe other method for display besides graph?)

Show user when their BAC will be at legal level

Possible title: " Got Your BAC: the BAC calculator app"

Or just "Got Your BAC"

"BAC easy as 1,2,3" (make three steps to get bac result)

"Know BAC, no DWI" (needs a better flow)

Information

Info section showing the impact of one drink on BAC

Compare different types of drinks (beer, wine, liquor)

How different body masses, types, and muscle densities affect BAC

User Info

Allow user profile so information doesn't need to be added again

Store multiple users

Allow for list of users on device

Allow for request of uber, lyft, taxi ect.

Save list of BAC from different times

Location Based Functions

Save location under user profile for easy requests

Allow to share location with contacts

Show notification when user has entered a bar or restaurant to remind user to track drinks

If user is home, or at similar type location, allow for delivery options

DWI Info

Information on consequences of DWI for local region

Allow for look-up of DWI information by location

Show areas in map where DWI's are most common

Misc

Corporate version of app to keep track of bar attendees

Extend functionality/usability for tablet users

Allow for favorite foods to be added

Allow for breathalyzer integration via Bluetooth
Information of breathalyzers for purchase

Social

Allow users option to track other users, if permitted to
"friends list" but in a healthy way as to not inspire competition

Find Places

Information on bars/restaurants in area
Drink menu of bars/restaurants in area
Allow for favorite bars/restaurants to be added
Night-out tracker/planner?
View local bars/restaurants by highest rated

Tracking Drinks

Create list view of drinks and/or alcohol
Allow for favorite drinks to be added
Show amount of alcohol per drink (different liquors have different proofs)
View list of drinks by most common drinks
Allow users to like/rate drinks
Suggested drinks to keep user under legal limit
Show list of consumed drinks by day, week, month and year

Safety Functions

If device stays at location longer than set time, send notification to saved contact/ICE contact
Shortcut to send "got home safe" text to contact/ICE contact
Emergency mode, if user is in some sort of emergency