



NEW YORK CITY COLLEGE OF TECHNOLOGY

**CITY TECH**

IMT 1102 Production Practices

Proposal Submission

Alessandro Lombardo Jr.

**Car Breathalyzer**  
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The description of my project is very simple. Placing breathalyzers into cars and integrating them into the car systems. The propose of this would be to test if the driver if intoxicated or not. If the driver fails the breathalyzer the car would not start, if they pass they car would be able to start. It could even be able to alert either the authorities or a cab company to their location.

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**User Group:** Everyone

The idea I had was implementing breathalyzer car starters. The way it would work is once the driver of the car is in his or her car they would have to take a breathalyzer test before the car would start.

**Design Problem:** Drunk Drivers

I got this idea because I heard someone I use to work with say he was going out drinking with friends. I asked him if he was going to drive home, he say "No" . I then though about all those people who do decide to drive home drunk and how it could be prevented.

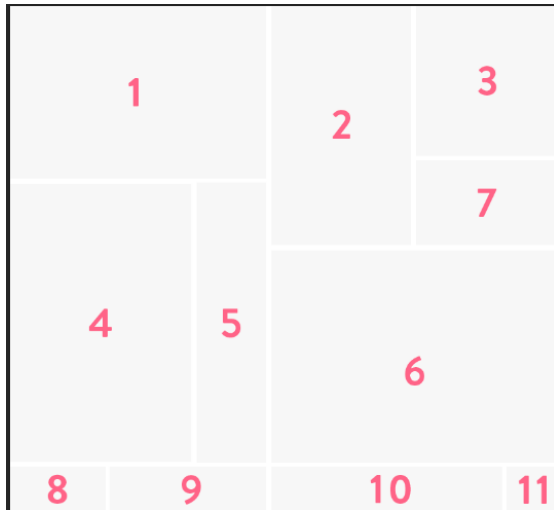
**Motivation:** Concern

I don't drink, I have a lot of cousins and friends who do, and I always see the posters hanging up telling people not to do this. And I just though how many of those accidents could have been prevented if those drivers couldn't even turn on they're cars.

**Solution:** Placed in cars

My idea was to have these devices placed on the center console of every vehicle. this would be then attached to the vehicles starter system. The driver would then blow into the device to check their blood alcohol level. If the level is below the accepted rate then the car turns on normally, If not the car would not turn on. And then a local cab company would be alerted to the cars position, and a cab would go pick up the driver and his or her group.

**Outcome:** Safer roads and less drunk driving accidents



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