

## Summary SipSafe

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Numerous young adults have experienced getting pills in their drinks involuntarily. The reason why drugs is placed in young people's drinks is many, but most often is to drug rape or rob a person, as a joke or as an act of jealousy. The unwanted drugs can lead to blackouts, fatal overdoses, lack of self-control, and long-term mental difficulties. This problem is complicated and extremely relevant, it was found that in 6 years, 608 people reported that they had found drugs in their drinks. The number is large, and the problem is even bigger than what is possible to document, since a big quantity of the victims, chooses not to report it. We wanted to find a solution to the problem, which took a long time to figure out. Our process started with sketching and ideersearching, which ended with the ideer to make a lid for beerglasses. Our first lid, that we wanted to work with, was very complicated and had a lot of different mechanisms that easily could be ruined. We made a pretotype to understand if our product could prevent young adults from drugs. The experiment ended with 3 out of 12 glasses with no lid, had a pill and 0 out of 12 glasses with lids had a pill in the glass. Our thought of making a lid to beeglasses could work, and our target group was interested in the product, but our lid as it was, where too complicated, and we started sketching again. In the second sketch phase, we wanted to make a much more simple lid, which ended up with the simple lid where you just slide the lid to open and drink your beer, and slide the lid back again to close it. The basic lid is made to fit a standard beeglass in Denmark. We researched the materials that could be used for our lid, and found that we would make the lids out of recycled HDPE-plastic. The plastic is very strong and can tolerate the high temperatures that industrial dishwashers are washing with. The plastic should be transparent plastic, so the lid is as invisible as possible. The lids will be a part of the bars and clubs, which means when you get a beer at a certain bar or club, you would automatically get the lid on the beerglass.