

## Report of workshop

### LIZA

Firstly, let me send you greetings from México and telling you that we keep working on this project and the start-up.

Secondly, just as I said in the last business meeting we had in Helmut Schmidt University, our intention is not to do an open source from Liza due to the nature of this new technology we are implementing. Regarding this fact I write to you the advances we made in the workshop attached with the STL files.

During this workshop at Hamburg we could solve some problems respecting with the prototype of the fluid dynamic. As you may see, Liza is a rapid test to detect STD's, we also need a profound behavior research of the bacterias and viruses we are trying to find.

We have implement a simple theory to retain epithelial cells and therefore to detect the infections that live inside them.

Please, find attached to this document the STL files with their respective descriptions for your review

- In the "base-liza" STL file you can find the laser cut base of the device.
- In the "Lock" STL file you can find a slide lock we develop to make a slide filter valve
- In the "mirror lado1v3" STL file you can see the left side of the prototype.
- In "Piston" STL file is the piston that will increase the pressure in the inside chamber
- In "PistonTR" STL file is the piston that will have a reactive strip on the tip and it will mark the final result
- And, finally in "Side v1" STL file you can see the right side of the prototype.

Inside the prototype you can find a chamber where we put a filter base in order to catch the cells we reject at the moment we urinate.

I hope you find this valuable and please, let me encourage you to keep supporting these amazing workshops were regarding the fact you helped us with mentors and professional orientation, we were able to interact between other great minds from all the globe and actually, these kind of experiences are very enriching and the details you were caring about the entire week are those little things that have transcend in me; they encourage me to keep doing the things I love and my everyday intent to be a change maker and really let a positive impact in this world while I am here.

Thank you very much.

Chrystian Zornoza