



# ChestX

## COVID-19 X-ray detection

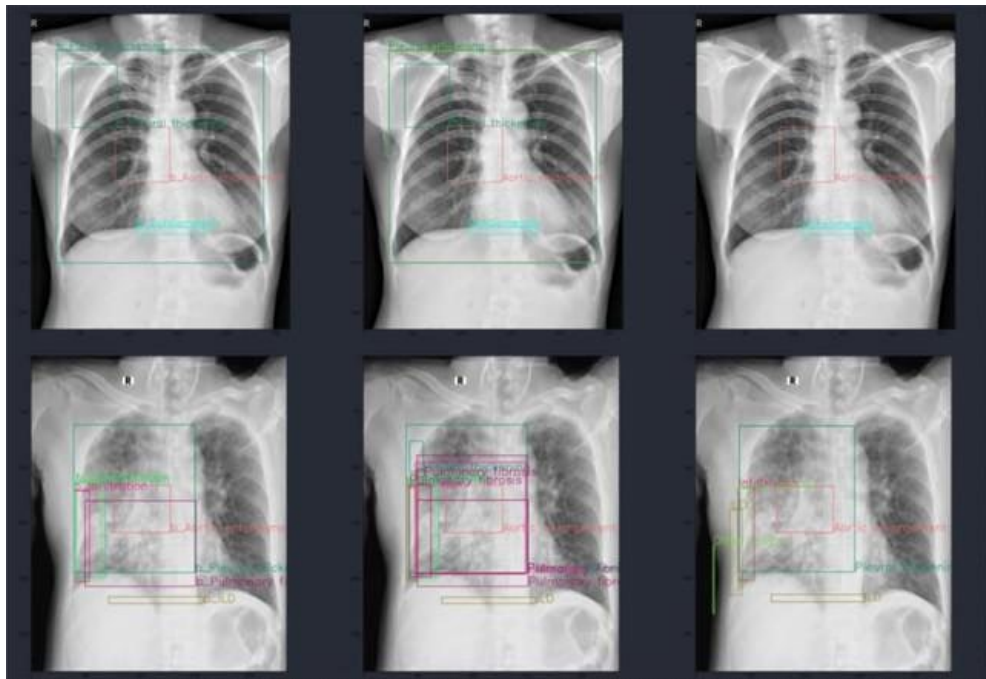
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**UX:** Sofia Sabarini and Nina Thom

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## Problem

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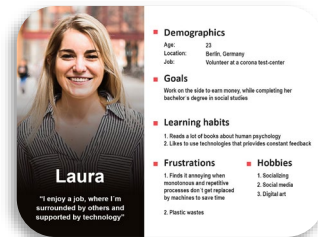
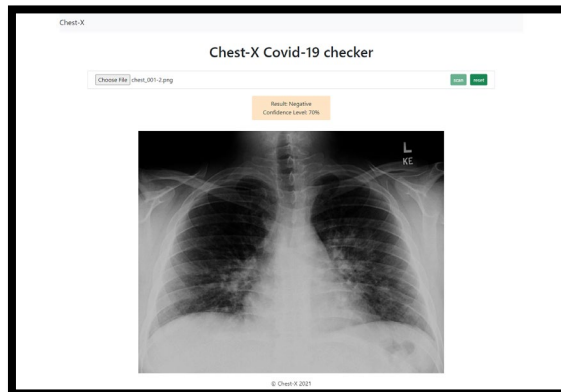
- Individuals buy antigen/PCR tests, to prove they're COVID-19 negative.
- The testing procedures are however **uncomfortable, painful** for some, and lead to **plastic wastes**.
- What about an alternative solution, which avoids these issues?



## Application that detects COVID-19 by scanning chest X-rays.

### Big picture:

- Mini-vans spread across Berlin, with mobile X-rays.
- Patient's chests get scanned, followed by uploading the image on our application.
- Program deduces whether the patient has COVID-19 or not.





# Demo

# Applied Tech-Stack

AI:



DS:



WD:



mongoDB®



UX:



General:



BER  
LIN



## Success Story

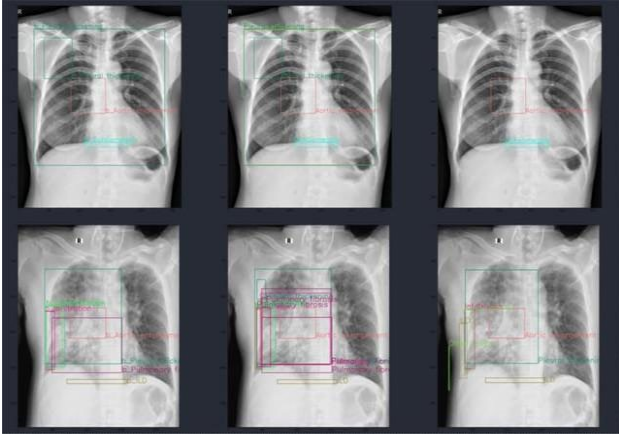
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- We created a tangible prototype
- Finding the right data set
- Choosing and getting to know IDEs & GIT was a big challenge
- Successful collaboration between tracks
- Deployment of the IA model
- Further ideas: preview of region based results, Startup pitch for funding



# Team





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COVID-19 X-ray detection

# Thank you for listening!