# HIRISK APPS

Healthcare
Personnel Risk
Assessment to
Covid-19 Exposure





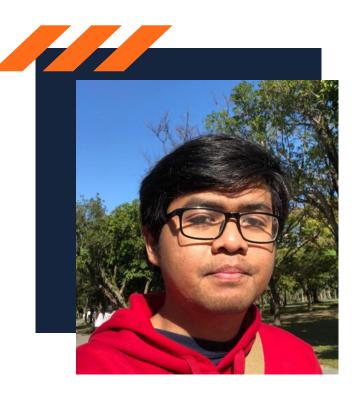
**ANNISA RR** 

Team Leader



**BAGAS SB** 

System Analyst



**ALDILAS AN** 

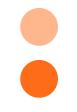
**UI Design Analyst** 



**AMALINA S** 

**Content Analyst** 

# THE TEAM





**ANIS FUAD** 

Advisor, Health
Informatics Specialist

## COVID-19

spread from person-to-person most frequently happens during close exposure to a person infected with COVID-19

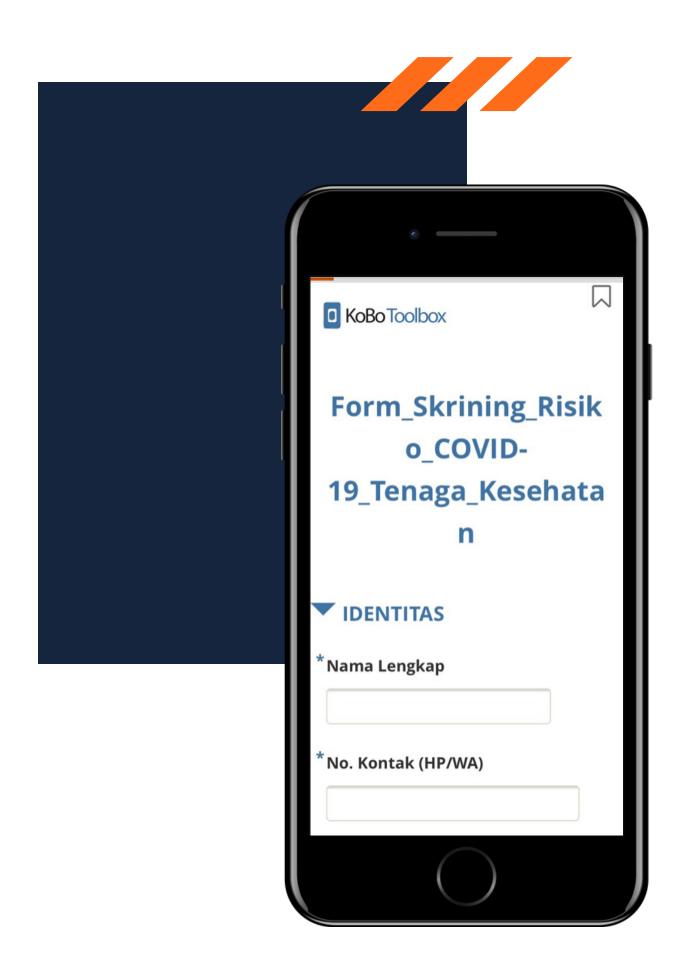
# **HEALTH WORKERS**

have a high risk to get infected due to close contact with either positive and suspected case

# LACK OF PPE

Healthcare facilities reported on the lack of Personal Protective Equipment availability -> increasing risk

# PROBLEM



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## **PRIMARY TARGET**

will be deployed in our university hospital "RS UGM"

#### **SCALE UP**

The algorithm will be published to public so it can be adopthed to other healthcare facilities

# TARGET LUSER



# HOW WE BUILT

Healthcare Personnel will perform self screening and the apps will provide risk classification (HIGH, MEDIUM, LOW)



STEP 1

DEMOGRAPHIC DATA

IDENTIFICATION



STEP 2

WORKING AREA IDENTIFICATION



STEP 3

HEALTH STATUS
SCREENING



STEP 4

PERSONAL PROTECTIVE EQUIPMENT



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https://ee.humanitarianresponse.inf o/preview/::khk5Y5Ni