

# HI RISK APPS



Healthcare  
Personnel Risk  
Assessment to  
Covid-19 Exposure



# THE TEAM



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## **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**



# SOLUTION



Healthcare  
Personnel Risk  
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# TARGET USER

## PRIMARY TARGET

will be deployed in our university hospital  
"RS UGM"

## SCALE UP

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



# 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.info/preview/::khk5Y5Ni>