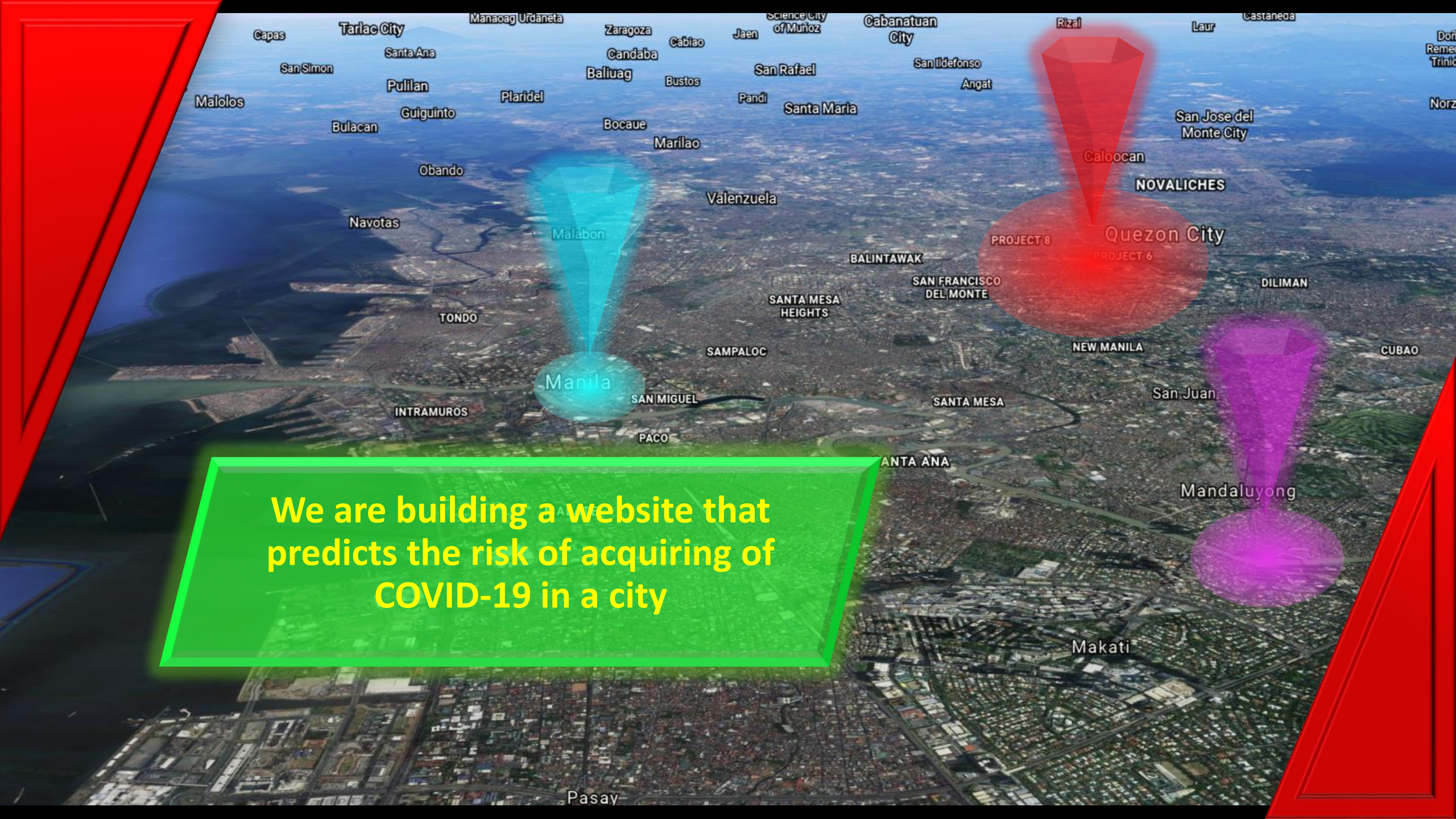


# AREA DENIAL







The image is an aerial photograph of Metro Manila and its surrounding areas. Several regions are highlighted with semi-transparent colored circles and cones. A blue circle highlights Manila, with a blue cone pointing to it from the label 'Malabon'. A red circle highlights Quezon City, with a red cone pointing to it from the label 'Caloocan'. A purple circle highlights Mandaluyong, with a purple cone pointing to it from the label 'Mandaluyong'. The text 'PROJECT 8' and 'PROJECT 6' are visible near the Quezon City area. A green text box with a yellow border is overlaid on the lower left, containing the text: 'We are building a website that predicts the risk of acquiring of COVID-19 in a city'. The map shows various cities and districts, including Capas, Tarlac City, Santa Ana, San Simon, Pulilan, Guiguinto, Malolos, Bulacan, Obando, Navotas, Tondo, INTRAMUROS, PACO, SAN MIGUEL, SAMPALOC, SANTA MESA HEIGHTS, VALENZUELA, Marilao, Bocaue, Baliuag, Candaba, Zaragoza, Cabiao, Jaen, Science City of Muñoz, Cabanatuan City, San Ildefonso, Angat, Rizal, Laur, Castaneda, San Jose del Monte City, NOVALICHES, DILIMAN, CUBAO, San Juan, Makati, and Pasay.

We are building a website that predicts the risk of acquiring of COVID-19 in a city



By inputting atmospheric  
and epidemiologic data...



COVID-19 Cases



Temperature



Humidity



PM10



NO<sub>2</sub>



We can make predictions on  
how much risk an  
individual may be infected  
with COVID-19,  
in a specified city at a given  
time



# Early version of the COVID – 19 risk prediction web page

Project AD (Area Denial) by Phi-6 [Home](#) [About](#) [Members](#) [References](#)

Is it safe at the city of...

MANILA ▾

???

Enter environmental factors.

Temperature in C

Example value: 27

Relative Humidity

Example value: 72

PM10 in  $\mu\text{g}/\text{m}^3$

Example value: 20

NO2 in ppm

Example value: 4.2

Submit

Guide for...

- Local government officials in restricting or allowing access to their city.
- National government in allocating healthcare resources.

Private citizens can also use this site, especially for employees who commute daily into and out of Metro Manila cities.



**Thank you!!!**