

Intelligent system and program for monitoring the baggage loading process of passengers at the airport



✓ **KIARASH ZOLFAGHARI**

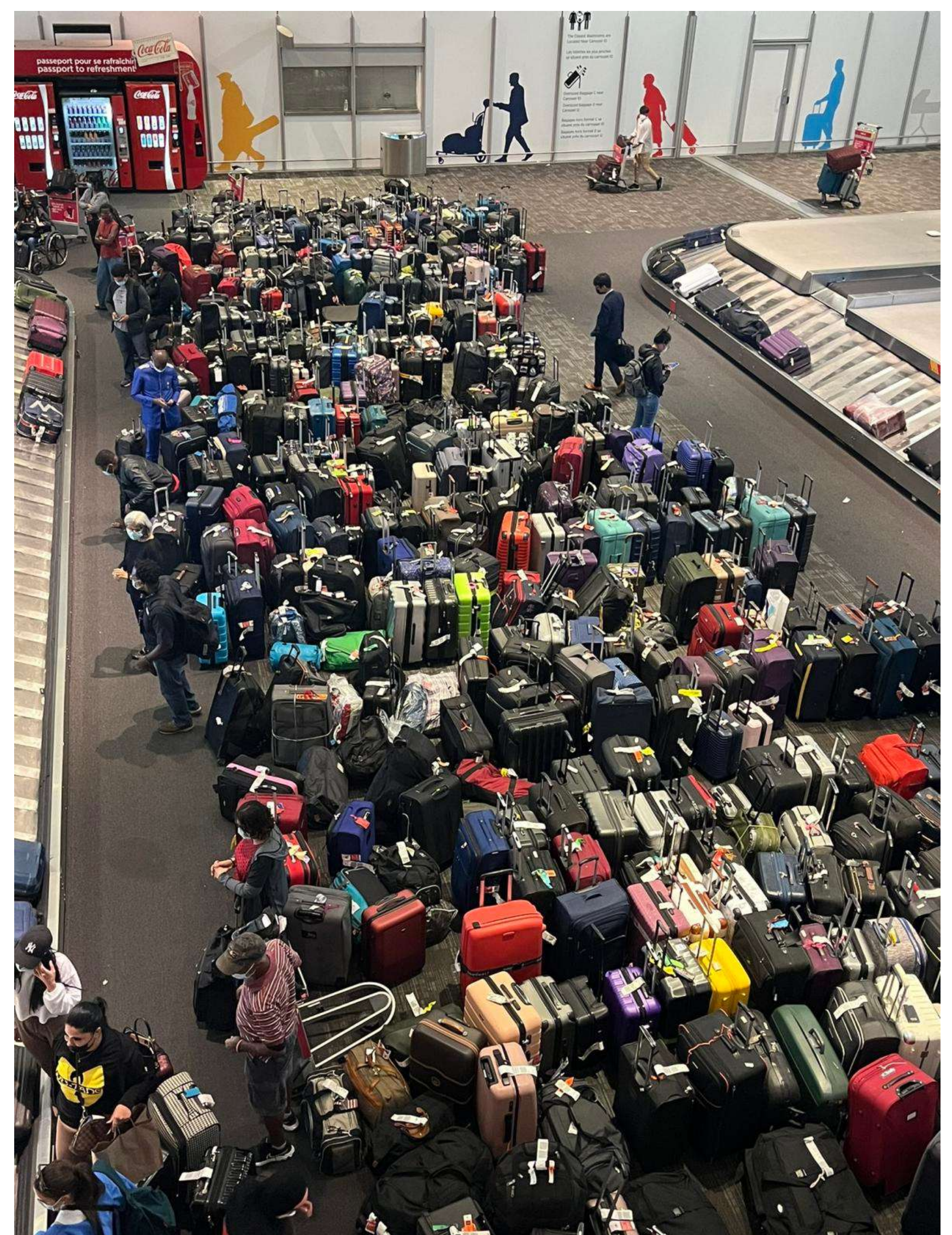
The 16th International Invention and Innovation Show INTARG® 2023

One of the problems of the luggage transfer and loading system at the airport is damage to the luggage in the loading process, forgetting or failure in one of the loading steps, and mistakes in transferring the cargo to the desired plane. In this claimed invention, a monitoring system based on a QR code is used, which enables step-by-step monitoring and communication of the steps taken in the loading process (from passing through the X-ray to the final loading in the luggage compartment in the lower part of the plane) from Through a software system, it enables passengers and the airport monitoring system. At each stage, the NXT barcode is first scanned by the barcode reader and through 360-degree cameras such as Insta360 from all angles, the health of the luggage and the monitoring of the authenticity of the luggage should be done step by step.

In this system, a monitoring process based on scanning barcodes and QR code NXT is placed, which provides a step-by-step monitoring and inquiry process for passengers and the airport security team.

Advantages:

- Investigative and monitoring methods for passenger and airline security
- confidence and mental comfort for passengers during air travel in the aircraft



Email: kia.kiarash10@gmail.com
Phone: +98 905 168 9956