

Final Reflection:

In this Project we tried to use Azure service to build Kiosk Platform for automating the boarding process to a flight.

We identified problem and found solutions to each part of the project.

Based on different inputs to the platform such as boarding passes, digital ids or passenger information we used different sections of the azure services.

We analyzed the ids and boarding passes using Azure form recognizer resource and matched the information on the flight manifest table.

We also used Azure video analyzer to analyze record of the person and identified faces.

Unfortunately, as Azure face API is limited, we were not able to use their service to detect the faces and match with digital id and video faces.

We also used Azure custom vision resource to detect forbidden objects such as lighter in passenger baggage.

It was very challenging project, and the main issue was how to use the endpoints and keys to integrate in our own python scripts. Most times they were not working well, for several reasons. Finding those issues was the main challenge in the project.