Final writes up notes for Automated Passenger Boarding Kiosk

This was an extremely challenging and rewarding project. The project nicely tied up all the course material covered by the previous sections. I learned a lot and look forward to hearing your feedback.

The two main issues I ran into while working on the project were related to limitations with Azure when using a free basic Azure subscription. The Azure Microsoft Azure Storage Explorer application would not connect to my Azure Subscription. After spending an hour or so troubleshooting I worked around the issue by building a simple .Net/C# project to load the Flight Manifest table.

The other issue I encountered was more challenging. Microsoft now restricts what can be done with Azure Face API without granting permission. I spent several hours trying to determine what I could do with the limited services. The outcome was I could not use my Azure Subscription to access the Face API. To work around the issue, I used the generated Udacity Lab Azure Subscription to use the Azure Face API to create the Face Model for the project. All other resources used for the project were kept on my personal Azure Resource Group (Subscription).

Reference to the limitation of Azure Face API:

https://learn.microsoft.com/en-us/legal/cognitive-services/computer-vision/limited-access-identity