**Final Project Proposal CS275**

**Database Name:** PDX (Portland International Airport)

**Objective:** Construct a database that can be used by the Portland International Airport to store and manage data on employees, passengers, airplanes, airlines, related airports, and flight routes.

**Application:** The primary usage of the PDX database will be to have queries that display the following information:

* Instantly check which flights have been cancelled
* The commission status of an airplane
* The current availability of seats on a specific plane
* The price per ticket for a specific flight
* The roster of employees based on the plane their currently on

An interface will be constructed in Java to connect to the database and provide readily accessible information for the day-to-day operation of the airport.