Group Number 29

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| **Entity Relations** | **Dissection** |
| flight(flight#, departure\_time, days\_of\_operation, arrival\_time, #2letterID, #3-letterID) | **Entity:** flight  **Primary Key(s):** flight#  **Foreign Key(s): #**2letterID, #3-letterID  **Other:** departure\_time, days\_of\_operation, arrival\_time |
| airport(3-letterID) | **Entity:** airport  **Primary Key(s):** 3-letterID  **Foreign Key(s):**  **Other:** |
| airline(2-letterID) | **Entity:** airline  **Primary Key(s):** 2-letterID  **Foreign Key(s):**  **Other:** |
| aircraft(identifier, maximum\_capacity, #2-letterID) | **Entity:** aircraft  **Primary Key(s):** identifier  **Foreign Key(s):**#2-letterID  **Other:**  maximum\_capacity |
| seat(seat#, meal\_ordered, class, #flight#) | **Entity:** seat  **Primary Key(s):** seat#  **Foreign Key(s):** #flight#  **Other:** meal\_ordered, class |
| ticket(unique\_number, fare, booking\_fee, date\_of\_purchase) | **Entity:** ticket  **Primary Key(s):** unique\_number  **Foreign Key(s):**  **Other:** fare, booking\_fee, date\_of\_purchase |
| reservation(#unique\_number,#name) | **Entity:** reservation  **Primary Key(s):**unique\_number, name  **Foreign Key(s):** #unique\_number, #name  **Other:** |
| account(name) | **Entity:** account  **Primary Key(s):** name  **Foreign Key(s):**  **Other:** |
| domestic(#flight#) | **Entity:** domestic  **Primary Key(s):** flight#  **Foreign Key(s):** #flight#  **Other:** |
| international(#flight#) | **Entity:** international  **Primary Key(s):** flight#  **Foreign Key(s):** #flight#  **Other:** |
| roundtrip(#unique\_number) | **Entity:** roundtrip  **Primary Key(s):** unique\_number  **Foreign Key(s):** #unique\_number  **Other:** |
| oneway(#unique\_number) | **Entity:** oneway  **Primary Key(s):** unique\_number  **Foreign Key(s):** #unique\_number  **Other:** |

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| **Association Relations** | **Dissection** |
| operates(#2-letterID, #3-letterID, number\_of) | **Association:** operates  **Foreign Key(s):** #2-letterID, #3-letterID  **Other:** number\_of |
| owns(#2-letterID, #identifier, quantity) | **Association:** owns  **Foreign Key(s):** #2-letterID, #identifier  **Other:** quantity |
| operates(#identifier, #2-letterID, #flight#) | **Association:** operates  **Foreign Key(s):** #identifier, #2-letterID, #flight#  **Other:** |
| destination(#3-letterID, #flight#) | **Association:** destination  **Foreign Key(s):** #3-letterID, #flight#  **Other:** |
| departure(#3-letterID, #flight#) | **Association:** departure  **Foreign Key(s):** #3-letterID, #flight#  **Other:** |
| associated(#seat#, #flight#, #unique\_number) | **Association:** associated  **Foreign Key(s):** #seat#, #flight#, #unique\_number  **Other:** |
| has(#unique\_number) | **Association:** has  **Foreign Key(s):** #unique\_number  **Other:** |
| reservationPortfolio(#name) | **Association:** reservationPortfolio  **Foreign Key(s):** #name  **Other:** |