

# **CPSC471 - DATABASE MANAGEMENT SYSTEMS**

University of Calgary  
Assignment 2

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**WORKS\_ON**

|             |              |
|-------------|--------------|
| <u>ESSN</u> | <u>Model</u> |
|-------------|--------------|

**FLIES**

|             |              |
|-------------|--------------|
| <u>PSSN</u> | <u>Model</u> |
|-------------|--------------|

**MAINTAIN**

|             |             |                 |                      |
|-------------|-------------|-----------------|----------------------|
| <u>ESSN</u> | <u>Date</u> | <u>Workcode</u> | <u>Airplane_Reg#</u> |
|-------------|-------------|-----------------|----------------------|

**CORPORATION**

|             |         |       |          |
|-------------|---------|-------|----------|
| <u>Name</u> | Address | Phone | Owner_ID |
|-------------|---------|-------|----------|

**PERSON**

|            |      |       |         |          |
|------------|------|-------|---------|----------|
| <u>SSN</u> | Name | Phone | Address | Owner_ID |
|------------|------|-------|---------|----------|

**OWNER**

|                 |
|-----------------|
| <u>Owner_ID</u> |
|-----------------|

**EMPLOYEE**

|             |        |       |
|-------------|--------|-------|
| <u>ESSN</u> | Salary | Shift |
|-------------|--------|-------|

**PILOT**

|             |       |         |
|-------------|-------|---------|
| <u>PSSN</u> | Restr | Lic_num |
|-------------|-------|---------|

**OWNS**

|                      |                 |       |
|----------------------|-----------------|-------|
| <u>Airplane_Reg#</u> | <u>Owner_ID</u> | Pdate |
|----------------------|-----------------|-------|

**PLANE\_TYPE**

|              |          |        |
|--------------|----------|--------|
| <u>Model</u> | Capacity | Weight |
|--------------|----------|--------|

**HANGAR**

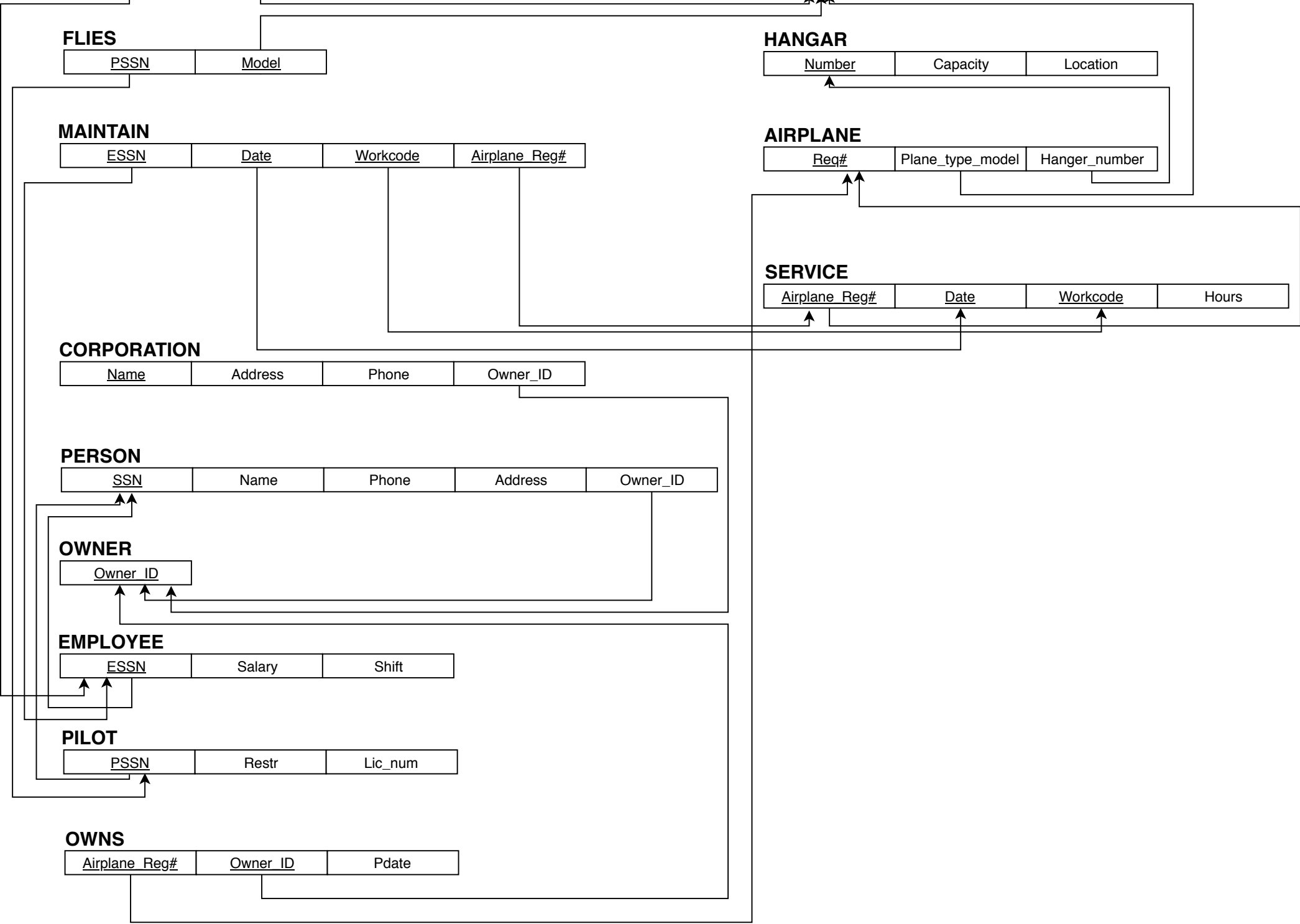
|               |          |          |
|---------------|----------|----------|
| <u>Number</u> | Capacity | Location |
|---------------|----------|----------|

**AIRPLANE**

|             |                  |               |
|-------------|------------------|---------------|
| <u>Reg#</u> | Plane_type_model | Hanger_number |
|-------------|------------------|---------------|

**SERVICE**

|                      |             |                 |       |
|----------------------|-------------|-----------------|-------|
| <u>Airplane_Reg#</u> | <u>Date</u> | <u>Workcode</u> | Hours |
|----------------------|-------------|-----------------|-------|



## VEHICLE

|            |       |       |
|------------|-------|-------|
| <u>VIN</u> | Model | Price |
|------------|-------|-------|

## CAR

|            |             |
|------------|-------------|
| <u>VIN</u> | Engine_size |
|------------|-------------|

## SUV

|            |          |
|------------|----------|
| <u>VIN</u> | No_seats |
|------------|----------|

## TRUCK

|            |         |
|------------|---------|
| <u>VIN</u> | Tonnage |
|------------|---------|

## SALE

|                    |                        |                     |      |
|--------------------|------------------------|---------------------|------|
| <u>Vehicle VIN</u> | <u>Salesperson SID</u> | <u>Customer SSN</u> | Date |
|--------------------|------------------------|---------------------|------|

## SALESPERSON

|            |      |
|------------|------|
| <u>SID</u> | Name |
|------------|------|

## CUSTOMER

|            |      |       |        |      |
|------------|------|-------|--------|------|
| <u>SSN</u> | Name | State | Street | City |
|------------|------|-------|--------|------|

