Airline Management System – Triggers

Following Triggers were created by us during the data generation for generating unique ID's.

- **FLIGHT_FARE_TRIGGER**

This trigger was created to create the primary key CLASS for this table.

DDL

```
TRIGGER "DB101"."FLIGHT_FARRE_TRIGGER"
BEFORE INSERT ON FLIGHT_FARE
FOR EACH ROW
BEGIN
:new.CLASS:= ('C'||to_char(SEQ2.nextval,'FM099999999'));
END;
/
ALTER TRIGGER "DB101"."FLIGHT_FARRE_TRIGGER" ENABLE;
```

- **LEG_ID_TRIGGER**

This trigger was created to create the primary key LEG_ID for table LEGS.

DDL

```
CREATE OR REPLACE EDITIONABLE TRIGGER "DB101"."LEG_ID_TRIGGER"
BEFORE INSERT ON LEGS
FOR EACH ROW
BEGIN
:new.LEG_ID:= ('LG'||to_char(SEQ2.nextval,'FM099999999'));
END;
/
ALTER TRIGGER "DB101"."LEG_ID_TRIGGER" ENABLE;
```

- **PAYMENT_ID_TRIGGER**

This trigger was created to create the primary key PAYMENT_ID for table PAYMENTS.

DDL

```
CREATE OR REPLACE EDITIONABLE TRIGGER "DB101"."PAYMENT_ID_TRIGGER"
BEFORE INSERT ON PAYMENTS
FOR EACH ROW
BEGIN
:new.PAYMENT_ID:= ('C'||to_char(SEQ2.nextval,'FM09999'));
END;
/
ALTER TRIGGER "DB101"."PAYMENT_ID_TRIGGER" ENABLE;
```

- **TICKET_TYPE_TRIGGER**

This trigger was created to create the primary key RESERVATION_ID for table RESERVATION.

DDL

```
CREATE OR REPLACE EDITIONABLE TRIGGER "DB101"."TICKET_TYPE_TRIGGER"
BEFORE INSERT ON RESERVATION
FOR EACH ROW
BEGIN
:new.TICKET_TYPE_ID:= ('TT'||to_char(SEQ2.nextval,'FM099999999'));
END;
/
ALTER TRIGGER "DB101"."TICKET_TYPE_TRIGGER" ENABLE;
```