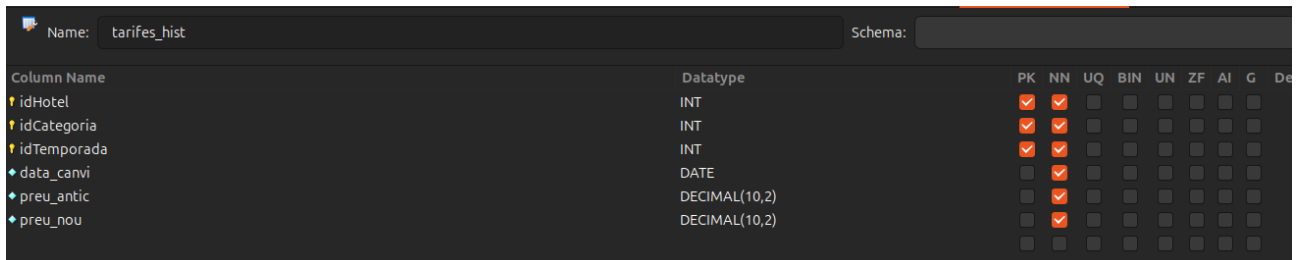


Examen Triggers

1. Trigger històric tarifes:



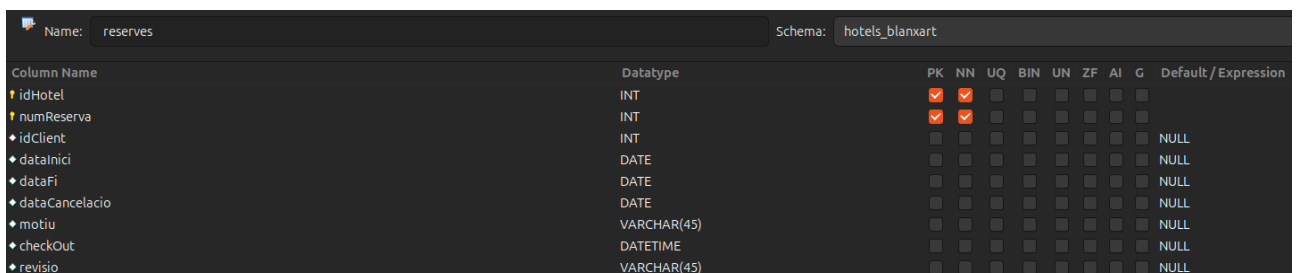
Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	G	De
idHotel	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
idCategoria	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
idTemporada	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
data_canvi	DATE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
preu_antic	DECIMAL(10,2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
preu_nou	DECIMAL(10,2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fig. 1.1: Columnes Taula tarifes_hist

```
1 CREATE DEFINER='root'@'localhost' TRIGGER `tarifes_AFTER_UPDATE` AFTER UPDATE ON `tarifes` FOR EACH ROW IF old.preu != NEW.preu THEN
2 INSERT INTO tarifes_hist (idHotel, idCategoria, idTemporada, data_canvi, preu_antic, preu_nou)
3 VALUES (OLD.idHotel, old.idCategoria, old.idTemporada, curdate(), old.preu, new.preu);
4 END IF
```

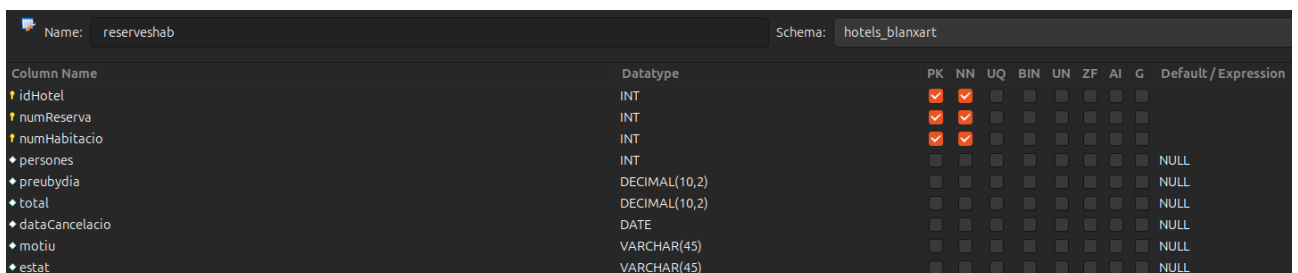
Fig. 1.2: Definició trigger

2. CheckOut i Revisió de reserves:



Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	G	Default / Expression
idHotel	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
numReserva	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
idClient	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
dataInici	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
dataFi	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
dataCancelacio	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
motiu	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
checkOut	DATETIME	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
revisio	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Fig. 2.1: Columnes Taula reserves



Column Name	Datatype	PK	NN	UQ	BIN	UN	ZF	AI	G	Default / Expression
idHotel	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
numReserva	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
numHabitacio	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
persones	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
preubydia	DECIMAL(10,2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
total	DECIMAL(10,2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
dataCancelacio	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
motiu	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
estat	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Fig 2.2: Columnes Taula reserveshab

```
1 CREATE DEFINER='root'@'localhost' TRIGGER `reserves_AFTER_UPDATE` AFTER UPDATE ON `reserves` FOR EACH ROW IF old.checkOut != new.checkOut THEN
2 UPDATE reserveshab set estat = "Pendent de revisió"
3 WHERE numReserva = NEW.numReserva and idHotel = NEW.idHotel;
4 END IF
```

Fig. 2.3: Definició Trigger

3. Posar estat «revisat» si totes les habitacions s'han revisat:

```
1 • CREATE DEFINER = CURRENT_USER TRIGGER `hotels_blanxart`.`revisioFeta` AFTER UPDATE ON `reserveshab` FOR EACH ROW BEGIN
2   DECLARE vNumResHab INT;
3   DECLARE vNumReservesRevisat INT;
4
5   SELECT count(*) INTO vNumResHab FROM reserveshab WHERE idHotel = new.idHotel AND numReserva = new.numReserva;
6   SELECT count(*) INTO vNumReservesRevisat FROM reserveshab WHERE idHotel = new.idHotel AND numReserva = new.numReserva AND estat = "Revisat";
7
8   IF new.estat = "Revisat" AND new.estat != old.estat AND vNumResHab = vNumReservesRevisat THEN
9     UPDATE reserves SET revisio = "Feta" WHERE numReserva = NEW.numReserva AND idHotel = NEW.idHotel;
10  END IF;
11 END
12
```

Fig. 3.1: Definició Trigger