



pears.CardReaderShift



Generated schema reference. Regenerate this page from the SQL unload; keep hand-maintained business notes in the narrative namespace.

Description

Shifts assembled from Time & Attendance data.

Columns

Column	Type	Null	Default	Comment
CardReaderShiftID	char(20)	NOT NULL		
MachineID	char(20)	NULL		
CardID	char(20)	NULL		
personid	char(20)	NULL		
clockintime	timestamp	NULL		
clockouttime	timestamp	NULL		
breakminutes	integer	NULL		
FailedToClockOutInTime	smallint	NULL		
ShiftStateWrong	char(1)	NULL		
WasExtended	smallint	NULL	0	
NoShiftFound	smallint	NULL	0	
WasLate	smallint	NULL	0	
MatchedToShiftID	char(20)	NULL		

Primary Key

- CardReaderShiftID

Foreign Keys

Constraint	Columns	References	Delete/update action
CardReaderSettings	MachineID	pears.CardReaderSettings (MachineID)	
tempshift	MatchedToShiftID	pears.TempShift (TempShiftID)	ON DELETE SET NULL



Referenced By

- No incoming foreign keys found.

Indexes

Name	Type	Columns	Detail
CardReaderShift_personid	Index	personid	
CardReaderShift_cardid	Index	CardID	

Triggers

- No triggers found.

Original SQL

```
-- IQX database structure split by table
-- Source: IQXDatabaseStructure - with comments.sql
-- Table: "pears"."CardReaderShift"
-- Table comment: Shifts assembled from Time & Attendance data.
-- Statement count: 6
```

```
CREATE TABLE "pears"."CardReaderShift" (
    "CardReaderShiftID"          CHAR(20) NOT NULL
    , "MachineID"                 CHAR(20) NULL
    , "CardID"                    CHAR(20) NULL
    , "personid"                  CHAR(20) NULL
    , "clockintime"               TIMESTAMP NULL
    , "clockouttime"              TIMESTAMP NULL
    , "breakminutes"              INTEGER NULL
    , "FailedToClockOutInTime"    SMALLINT NULL
    , "ShiftStateWrong"           CHAR(1) NULL
    , "WasExtended"               SMALLINT NULL DEFAULT 0
    , "NoShiftFound"              SMALLINT NULL DEFAULT 0
    , "WasLate"                   SMALLINT NULL DEFAULT 0
    , "MatchedToShiftID"          CHAR(20) NULL
    , PRIMARY KEY ("CardReaderShiftID" ASC)
)
GO
```

```
COMMENT ON TABLE "pears"."CardReaderShift" IS
    'Shifts assembled from Time & Attendance data.'
```



GO

```
ALTER TABLE "pears"."CardReaderShift"  
  ADD FOREIGN KEY "CardReaderSettings" ("MachineID" ASC)  
  REFERENCES "pears"."CardReaderSettings" ("MachineID")
```

GO

```
ALTER TABLE "pears"."CardReaderShift"  
  ADD FOREIGN KEY "tempshift" ("MatchedToShiftID" ASC)  
  REFERENCES "pears"."TempShift" ("TempShiftID")  
  ON DELETE SET NULL
```

GO

```
CREATE INDEX "CardReaderShift_personid" ON "pears"."CardReaderShift"  
  ( "personid" )
```

GO

```
CREATE INDEX "CardReaderShift_cardid" ON "pears"."CardReaderShift"  
  ( "CardID" )
```

GO

From:

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