



pears.TempTimeSheetLine



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

Description

Time sheet detail lines.

Columns

Column	Type	Null	Default	Comment
TempTimeSheetLineID	char(20)	NOT NULL		
TempTimeSheetID	char(20)	NOT NULL		
TempPayBandID	char(20)	NOT NULL		
LineNumber	smallint	NOT NULL		
UnitsWorked	double	NULL		
UnitsCharged	double	NULL	0	
PayRate	double	NULL	0	
ChargeRate	double	NULL	0	
UnitsPaid	double	NULL	0	
Description	long varchar	NULL		
TempShiftID	char(20)	NULL		
ShiftTime	timestamp	NULL		Where timesheets are itemised by shift or part of shift
Grade	char(4)	NULL		
Filter1	char(4)	NULL		
Filter2	char(4)	NULL		
Filter3	char(4)	NULL		
AWRJobMasterID	char(20)	NULL		

Primary Key

- TempTimeSheetLineID



Foreign Keys

Constraint	Columns	References	Delete/update action
TempTimeSheet	TempTimeSheetID	pears.TempTimeSheet (TempTimeSheetID)	NOT NULL;
TempPayBand	TempPayBandID	pears.TempPayBand (TempPayBandID)	NOT NULL;
TempShift	TempShiftID	pears.TempShift (TempShiftID)	ON DELETE SET NULL
AWRJobMaster	AWRJobMasterID	pears.AWRJobMaster (AWRJobMasterID)	ON DELETE SET NULL

Referenced By

- No incoming foreign keys found.

Indexes

- No indexes found.

Triggers

Name	Timing	Event
TimesheetLine_Insert	before	insert order 1
TimesheetLine_Audit	after	update of "UnitsPaid", "UnitsCharged", "PayRate", "ChargeRate" order 2

Original SQL

```
-- IQX database structure split by table
-- Source: IQXDatabaseStructure - with comments.sql
-- Table: "pears"."TempTimeSheetLine"
-- Table comment: Time sheet detail lines.
-- Statement count: 12

CREATE TABLE "pears"."TempTimeSheetLine" (
  "TempTimeSheetLineID"      CHAR(20) NOT NULL
, "TempTimeSheetID"          CHAR(20) NOT NULL
, "TempPayBandID"            CHAR(20) NOT NULL
, "LineNumber"               SMALLINT NOT NULL
, "UnitsWorked"              DOUBLE NULL
, "UnitsCharged"              DOUBLE NULL DEFAULT 0
, "PayRate"                  DOUBLE NULL DEFAULT 0
, "ChargeRate"               DOUBLE NULL DEFAULT 0
, "UnitsPaid"                DOUBLE NULL DEFAULT 0
```



```
, "Description"                long VARCHAR NULL
, "TempShiftID"                CHAR(20) NULL
, "ShiftTime"                  TIMESTAMP NULL
, "Grade"                      CHAR(4) NULL
, "Filter1"                    CHAR(4) NULL
, "Filter2"                    CHAR(4) NULL
, "Filter3"                    CHAR(4) NULL
, "AWRJobMasterID"             CHAR(20) NULL
, PRIMARY KEY ("TempTimeSheetLineID" ASC)
)
GO

COMMENT ON COLUMN "pears"."TempTimeSheetLine"."ShiftTime" IS
    'Where timesheets are itemised by shift or part of shift'
GO

ALTER TABLE "pears"."TempTimeSheetLine"
    ADD CONSTRAINT "IQXTSUniqueLine" UNIQUE ( "TempTimeSheetID", "LineNumber"
)
GO

COMMENT ON TABLE "pears"."TempTimeSheetLine" IS
    'Time sheet detail lines.'
GO

ALTER TABLE "pears"."TempTimeSheetLine"
    ADD NOT NULL FOREIGN KEY "TempTimeSheet" ("TempTimeSheetID" ASC)
    REFERENCES "pears"."TempTimeSheet" ("TempTimeSheetID")
GO

ALTER TABLE "pears"."TempTimeSheetLine"
    ADD NOT NULL FOREIGN KEY "TempPayBand" ("TempPayBandID" ASC)
    REFERENCES "pears"."TempPayBand" ("TempPayBandID")
GO

ALTER TABLE "pears"."TempTimeSheetLine"
    ADD FOREIGN KEY "TempShift" ("TempShiftID" ASC)
    REFERENCES "pears"."TempShift" ("TempShiftID")
    ON DELETE SET NULL
GO
```



```
ALTER TABLE "pears"."TempTimeSheetLine"
  ADD FOREIGN KEY "AWRJobMaster" ("AWRJobMasterID" ASC)
  REFERENCES "pears"."AWRJobMaster" ("AWRJobMasterID")
  ON DELETE SET NULL
GO

CREATE TRIGGER "TimesheetLine_Insert" BEFORE INSERT ORDER 1 ON
"pears"."TempTimeSheetLine"
REFERENCING NEW AS "new_line"
FOR each ROW
WHEN("new_line"."linenumber" IS NULL)
BEGIN
  SET "new_line"."linenumber" = "isnull"((SELECT "max"("linenumber") FROM
"temptimesheetline" WHERE "temptimesheetid" =
"new_line"."temptimesheetid"),0)+1
END
GO

COMMENT TO PRESERVE FORMAT ON TRIGGER
"pears"."TempTimeSheetLine"."TimesheetLine_Insert" IS
{CREATE TRIGGER TimesheetLine_Insert
  BEFORE INSERT ORDER 1 ON
pears.TempTimeSheetLine
REFERENCING NEW AS new_line
FOR each ROW
WHEN(new_line.linenumber IS NULL)
BEGIN
  SET new_line.linenumber=isnull((SELECT MAX(linenumber) FROM
temptimesheetline WHERE temptimesheetid = new_line.temptimesheetid),0)+1
END
}
GO

CREATE TRIGGER "TimesheetLine_Audit" after UPDATE OF "UnitsPaid",
"UnitsCharged","PayRate",
"ChargeRate" ORDER 2 ON "pears"."TempTimesheetLine"
REFERENCING OLD AS "OldTSL" NEW AS "NewTSL"
FOR each ROW
BEGIN
  DECLARE "SerialNo" CHAR(20);
  SELECT "SerialNumber" INTO "SerialNo" FROM "temptimesheet" WHERE
"temptimesheetid" = "NewTSL"."TempTimesheetID";
  IF UPDATE("UnitsPaid") THEN
    CALL "AuditLog"('TIMESHEET',"NewTSL"."TempTimesheetLineID",'Timesheet '
|| "SerialNo" || ' Units Paid edited Line: ' || "NewTSL"."LineNumber",
```



```
"OldTSL"."UnitsPaid",
"NewTSL"."UnitsPaid")
END IF;
IF UPDATE("UnitsCharged") THEN
    CALL "AuditLog"('TIMESHEET',"NewTSL"."TempTimesheetLineID",'Timesheet '
|| "SerialNo" || ' Units Charged edited Line: ' || "NewTSL"."LineNumber",
    "OldTSL"."UnitsCharged",
    "NewTSL"."UnitsCharged")
END IF;
IF UPDATE("PayRate") THEN
    CALL "AuditLog"('TIMESHEET',"NewTSL"."TempTimesheetLineID",'Timesheet '
|| "SerialNo" || ' Pay Rate edited Line: ' || "NewTSL"."LineNumber",
    "OldTSL"."PayRate",
    "NewTSL"."PayRate")
END IF;
IF UPDATE("ChargeRate") THEN
    CALL "AuditLog"('TIMESHEET',"NewTSL"."TempTimesheetLineID",'Timesheet '
|| "SerialNo" || ' Charge Rate edited Line: ' || "NewTSL"."LineNumber",
    "OldTSL"."ChargeRate",
    "NewTSL"."ChargeRate")
END IF
END
GO

COMMENT TO PRESERVE FORMAT ON TRIGGER
"pears"."TempTimeSheetLine"."TimesheetLine_Audit" IS
{CREATE TRIGGER TimesheetLine_Audit
after UPDATE OF UnitsPaid,
UnitsCharged,PayRate,
ChargeRate ORDER 2 ON pears.TempTimesheetLine
REFERENCING OLD AS OldTSL NEW AS NewTSL
FOR each ROW
BEGIN
    DECLARE SerialNo CHAR(20);
    SELECT SerialNumber INTO SerialNo FROM temptimesheet WHERE temptimesheetid
= NewTSL.TempTimesheetID;
    IF UPDATE(UnitsPaid) THEN
        CALL AuditLog('TIMESHEET',NewTSL.TempTimesheetLineID,'Timesheet
'||SerialNo||' Units Paid edited Line: ' || NewTSL.LineNumber,
        OldTSL.UnitsPaid,
        NewTSL.UnitsPaid)
    END IF;
    IF UPDATE(UnitsCharged) THEN
        CALL AuditLog('TIMESHEET',NewTSL.TempTimesheetLineID,'Timesheet
'||SerialNo||' Units Charged edited Line: ' || NewTSL.LineNumber,
        OldTSL.UnitsCharged,
        NewTSL.UnitsCharged)
```



```
END IF;  
IF UPDATE(PayRate) THEN  
    CALL AuditLog('TIMESHEET',NewTSL.TempTimesheetLineID,'Timesheet  
'||SerialNo||' Pay Rate edited Line: ' || NewTSL.LineNumber,  
    OldTSL.PayRate,  
    NewTSL.PayRate)  
END IF;  
IF UPDATE(ChargeRate) THEN  
    CALL AuditLog('TIMESHEET',NewTSL.TempTimesheetLineID,'Timesheet  
'||SerialNo||' Charge Rate edited Line: ' || NewTSL.LineNumber,  
    OldTSL.ChargeRate,  
    NewTSL.ChargeRate)  
END IF  
END  
}  
GO
```

From:
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Permanent link:
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