## **Production Database Schema**

This page showcases a proposal for a hardware production database structure.

Below you will find the enumerations of a few table elements.

## SpecificationResultJunction Result Specification Order Hardware HardwareModel **NonCompliance Status:** specification\_id id id id Reported In Review result\_id name name number serial\_number Fix In Progress name Resolved creation\_timestamp min\_value hardware\_id Abandoned stock\_status position MeasurementResultJunction result\_file max\_value **ProductionStep Status:** order\_type build\_status parent\_id result\_id version unit\_string In Progress Comment measurement id hardware\_model\_id version processor\_commit\_hash hardware\_model\_id Complete Paused production\_step\_model\_id set\_number mirror Stopped parent\_id Abandoned NonCompliance Measurement version **Equipment Status:** non\_compliance\_id id description author\_id In Use result\_id severity name Not In Use content Free to Use status measurement\_file ProductionStepModel ProductionStep Equipment In Calibration decision creation\_timestamp → id → id The table whose names end with the word reporter\_id production\_step\_id "Watch" are created to track which user name parent\_id name wishes to be notified when an event occurs signer\_id on a specific element on another table (e.g. if order\_id name number OrderWatch a user wants to be notified that a production step has started or if an order is ready). Picture hardware\_model\_id calibration\_timestamp production\_step\_model\_id id parent\_id status equipment\_id order\_id photo\_path operator\_id version status user\_id production\_step\_id start\_timestamp step\_number creation\_timestamp optional User UserPreference id id first\_name app\_lighting ProductionStepModelWatch last\_name language scanner\_haptics username production\_step\_model\_id scanner\_timeout encrypted\_pw user\_id role external

user\_preference\_id