Production Database Schema

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

Below you will find the enumerations of a few member of tables.

NonCompliance Status:

- Reported
- In Review
- Fix In Progress
- Resolved
- Abandoned

ProductionStep Status:

- In Progress
- Complete
- Paused
- Stopped
- Abandoned

Equipment Status:

- In Use
- Not In Use
- Free to Use
- In Calibration

User Interaction Type:

- Upvote
- Favorite/Follow (activates notifications for Hardware or Equipment)

Comment
- id
- parent_comment_id
- non_compliance_id
- author_id
- content

NonCompliance
- id
- result_id
- status
- decision
- reporter_id
- signer_id

MeasurementResultJunction
- result_id
- measurement_id

UserInteraction
- id
- user_id
- interaction_type
- interaction_with_type
- interaction_with_id

Result
- id
- name
- specification_id
- creation_timestamp
- result_file
- version
- measurement_to_result_commit

Measurement
- id
- name
- measurement_file
- creation_timestamp
- production_step_id

Picture
- id
- photo_path
- production_step_id
- creation_timestamp

Specification
- id
- name
- min_value
- max_value
- unit
- hardware_model_id
- version
- description

ProductionStep
- id
- name
- hardware_id
- production_step_model_id
- status
- operator_id
- start_timestamp

Hardware
- id
- order_number
- serial_number
- stock_status
- build_status
- hardware_model_id
- set_number

ProductionStepModel
- id
- parent_id
- name
- hardware_model_id
- equipment_id
- version
- step_number

User
- id
- first_name
- last_name
- username
- encrypted_pw
- role
- external
- user_preference_id

HardwareModel
- id
- name
- position
- parent_id
- version
- mirror

Equipment
- id
- name
- number
- calibration_timestamp
- parent_id
- status

UserPreference
- id
- app_lighting
- language
- scanner_haptics
- scanner_timeout