Clothes

+id: VARCHAR(30) {PRIMARY KEY}--tag ID
+type: enum
+color: enum
+washingTemperature: enum
+dryRecipe: enum
+fabric: enum
+wight: int
+CPRno: VARCHAR(13) {FOREIGN KEY}
+state: INT --current state of clothe
+binId: INT

Tags

+id: CHAR(30){PRIMARY KEY}
+year: decimal(4)
+month: decimal(2)
+day: decimal(2)
+washCount: INT
+CPRno: VARCHAR(13) {FOREIGN KEY}

Name

+name: VARCHAR(50)
+surname: VARCHAR(30)
+middleName: VARCHAR(30)
+CPRno: VARCHAR(30) {FOREIGN KEY}

Person

+CPR: VARCHAR(13) {PRIMARY KEY}
+type: enum
+pictureURL: VARCHAR(150)

Address

+street: VARCHAR(30)
+buildingNo: VARCHAR(30)
+roomNo: VARCHAR(30)
+city: VARCHAR(30)
+postCode: VARCHAR(30)
+country: VARCHAR(30)
+CPRno: VARCHAR(13) {FOREIGN KEY}

PositionServerServiceConfigurationData

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+ServiceConfig: VARCHAR(50)

PositionServerServiceLog

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+__ID: VARCHAR(30)
+DateTime: VARCHAR(20)
+ServiceType: VARCHAR(50)
+MessageType: VARCHAR(50)
+Message: VARCHAR(50)

EkahauPositionServiceProviderConfigurationData

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+IP: VARCHAR(20)
+Port: int
+ServerName: VARCHAR(50)
+ServiceConfig: VARCHAR(50)

EkahauPositionServiceProviderTagData

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+RobotId: VARCHAR(20)
+TagID: VARCHAR(30)

LRscanServiceProviderConfigurationData

+Id: int {PRIMSARY KEY}{AUTO_INCREMENT}
+IP: VARCHAR(20)
+Port: int
+ServiceConfig: VARCHAR(50)

iRobotServiceProviderConfigurationData

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+IP: VARCHAR(20)
+Port: int
+ServiceConfig: VARCHAR(50)

EkahauPositionData

+Id: int {PRIMARY KEY}{AUTO_INCREMENT}
+RobotId: VARCHAR(20)
+TagID: VARCHAR(30)
+timestamp1: VARCHAR(20)
+timestamp2: VARCHAR(20)
+Xcoordinate: int
+Ycoordinate: int
+Site: VARCHAR(100)
+Zone: VARCHAR(100)

LRscanData

+Id: int {PRIMARY KEY}
+RobotId: VARCHAR(20)
+timestamp: VARCHAR(20)
+Angle: DECIMAL(7,4)
+Dist: DECIMAL(7,4)

OdometerData

+Id: int {PRIMARY KEY}
+RobotId: VARCHAR(20)
+DateTime: VARCHAR(20)
+relAngle: int
+relDist: int

EkahauPositionServiceConfigurationData

+Id: int {PRIMARY KEY}
+RobotId: VARCHAR(20)
+PollInterval: int

OIdometerServicesConfigurationData

+Id: int {PRIMARY KEY}
+IP: VARCHAR(20)
+Port: int
+ServiceConfig: VARCHAR(50)
+PollInterval: int

LRscanServicesConfigurationData

+Id: int {PRIMARY KEY}
+IP: VARCHAR(20)
+Port: int
+ServiceConfig: VARCHAR(50)
+PollInterval: int