Course Project EDAF20

Group 13

ER-model Customer Primary Key: customerId customerId name adres 0...* Orders Pallet 1 Primary Key: orderId Primary Key:palletId orderld palletId 1...* orderDate blocked productionDate deliveryDate macAmount customerId <<Weak>> 0...n cookie ProductQuantity 1...* orderld numPallets 1...n Cookie Primary Key: name 1 name 1...* <<Weak>> Recipe amount 1...* RawMaterials Primary Key: name name currentAmountInStock lastDelAmount lastDelDate

unit

Relations

<u>Underline</u> = foreign key

Red colored text = primary key

Customer (customerId, name, adress)

Pallet (palletId, productionDate, deliveryDate, maxAmount, blocked, orderId, cookieName)

Orders (orderId, orderDate, customerId)

Cookie (name)

RawMaterials (name, currentAmountInStock, unit, lastDelAmount, lastDelDate)

Recipe (amount, cookie, raw material)

ProductQuantity (numPallets, <u>orderId</u>, <u>cookieName</u>)

Setup

- 1. Connect to your preferred database.
- 2. Execute the files *create-schema.sql* and *initial-data.sql* to create tables and insert the correct start values in your database.
- 3. In the java project map navigate to the Database.java file and change the jdbcString, jdbcUsername and jdbcPassword to match your credentials. These variables can be found at the top of the page.
- 4. In the main map there is a reset.txt file used for resetting the database. Copy the relevant path from the text file and paste the file path in the reset method. This step is important otherwise the reset will not find the correct
- 5. Run java class serverMain.java
- 6. Enter localhost:8888 in your web browser to access the site.
- 7. Now you are done with the setup and can run the test.