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| **“Software Analysis” - Extra exercises BUC**  **2TIN Academic Year 2018 - 2019** |

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| ***Assignment:*** | System and System Context – BUC, Business Use Cases, extra exercises.docx | | |
| ***Execution date:*** | During week 4, period 1 | ***Date*** | . . . . . . . . . . . .. |
| ***Type of assignment:*** | Individual Assignment – in class and/or at home | | |
| ***Student*** | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .. | | |
| ***Group:*** | Not applicable | ***Score:*** | Not applicable |
| ***Save solution document as:*** | WK04 - 01 - SWA1819 - System and System Context - BUC - 07 Case New Meat Products – Name.Surname | | |
| ***To hand over*** |  | | |

**Competences and Learning Objectives:**

Cf. Module Book “Software Analysis”, most recent version

1. **Case: Buying new meat products**

For purchasing meat products from the Grandi Market, there are two parties involved, namely Grandi market and the (external) supplier. Within Grandi Market the manager, the warehouse manager and the butcher play a crucial role in the buying process of new meat products. Below the entire purchase process is explained.

The manager is looking into various catalogs for meat products. **(Choose meat product)**. He has to make a choice from which supplier he wants to buy the new meat **(Choose one supplier)**.

In case he makes the decision to buy the meat product from an existing supplier the quality of the product not checked. However, in case he chooses a new supplier he will check the quality.

In case the manager finds out that the quality of the meat of the new supplier does not meet the expectations, he will chose a new supplier, and the quality then will be checked again **(Check quality product)**.

Once he has made a choice of supplier the price of the new meat product is being negotiated **(Negotiate price)**. Then the order is placed at the (new or existing) supplier **(Place order)**.

The supplier receives the order and will prepare the order **(Prepare ordered goods)**, and ship the order **(Send order)**. There will be an agreed delivery period between the ordering and the receiving of the order.

Once the order is delivered **(Deliver the order)** the warehouse manager must unload the lorry **(Unload truck)** and store the meat products in the refrigerator **(Store meat products in refrigerator)**.

Now, the butcher his task can begin. He needs to process the meat **(Process meat)** before it can be displayed at the counter **(Display meat)** and sold to the customers **(Selling meat).**

From the moment the order was delivered the manager of Grandi also needs to pay the bill **(Pay bill).** On the other handthe supplier will be able, through its financial records, to consult the payment **(Consult financial records)**.

Hij dient het vlees vooreerst te bewerken (vlees bewerken) alvorens het in de toonbank uit te stallen (vlees uitstallen) en het dan aan de klanten voort te verkopen (vlees verkopen). Vanaf het moment dat de bestelling werd geleverd kan ook de bedrijfsleider de factuur betalen (factuur betalen) en kan de leverancier via zijn financiële administratie de betaling raadplegen (betaling ontvangen).

**Draw the Business Use Case Model**

* 1. **Case: Buying new meat products - solution**