# Casual Use Case Specification: UC 10 - Get Materials

**Brief Description: This use case enables the Project Manager to purchase materials and organize the delivery of materials.**

# Section 1: Business Rule(s):

BR 55: Purchases are initiated by Project Manager.

BR 56: Purchases are stored as visible to Accountant for calculation purposes after entered.

BR 57: Purchases are automatically checked by the system for reasonable price based on market values online.

BR 58: Purchase confirmation are shown to user after purchase.

BR 59: Purchases are recorded together with project and (if applicable) feature.

BR 60: Delivery date is automatically tracked by the system to verify vendor is on time. Upcoming deliveries and delays are displayed as notifications.

# Section 2: Scenarios (HD):

**Scenario 1: Purchase Materials**

# Preconditions

The project manager user (user account) must be using the system and he is at the purchases page/screen.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Actor (Project Manager)** | **System** | **Data Used** |
| 1 | Selects “Make purchase” from the purchases task list. | Displays a list of materials with price and availability. | Table of materials, as obtained online from the vendor. |
| 2 | Selects the material of interest. | Displays the details page of the material. | All details of material in the vendor system. |
| 3 | Click “Purchase” and enter project (and if applicable, feature of project the purchase is for). | Checks if price is in accepted range. Re-confirms availability with vendor. Makes transaction and gets transaction ID. | Material’s availability status at vendor. Market price data. |
| 4 | Click “Done”. | Goes back to purchases menu. | - |

**Successful Post-Conditions:**

Purchase transaction is made.

**Scenario 2:**

# Preconditions

The project manager user (user account) must be using the system and he is at the purchases page/screen.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Actor (Project Manager)** | **System** | **Data Used** |
| 1 | Selects “Organize delivery” from the purchases task list. | Displays a list of purchases, and delivery dates, if there is any. | Table of purchases. |
| 2 | Selects the purchase whose delivery is to be set/updated. | Displays the purchase details including any delivery details. | Purchase data. Delivery tracking data (if started). Earliest date of possible shipment (if not started). |
| 3 | Select desired delivery date. | Send date to vendor’s system for confirmation. Inform user that delivery date is to be confirmed, and when. | Purchase-Delivery selection data. |
| 4 | Select “Done”. | Return to purchases screen. | - |

**Successful Post-Conditions:**

Delivery is organized and vendor’s system is in agreement with our system about it.