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.