Macro Welding System

Use Case 3: Submit Purchase Order

Actors:

* Employee
* Department Supervisor
* Purchasing department rep

Trigger:

* An employee needs materials or equipment purchased in order to complete a task.

Pre-conditions:

Normal flow:

An employee fills out and submits an electronic PO.

* The PO indicates a suggested purchase location and price for all items.
* The employee’s department supervisor receives the PO in a ‘pending’ state.
* The supervisor considers each item and either approves or denies the purchase based on that department’s budget, putting the PO in a ‘closed’ state.
* The supervisor includes a reason for any denied items.
* The employee who submitted the PO receives a notification as to the decisions.
* The system sends approved items to the purchasing department, where a rep will arrange for the purchase.
* The approved items are purchased and delivered to the requesting employee.

Alternate flow 1:

The supervisor approves an item, but from a different location.

* Reason: The supervisor finds a better price for a requested item.

Alternate flow 2:

The supervisor approves an alternate item.

* The supervisor decides on an alternate item at his or her discretion.