Activity Diagram – Purchase Request Processing Workflow (ABC Company)

Description:

Activity Diagram Overview:

This activity diagram illustrates the Purchase Request Workflow at ABC Company. It models how purchase requests are initiated by internal customers, reviewed by a case worker in the purchasing department, and processed based on the request amount. Requests under $1500 proceed directly to purchase order creation, while requests over $1500 require a bidding process involving external vendors. The diagram uses separate swim lanes to highlight responsibilities across different roles and clearly depicts decision points, parallel activities, and the overall flow from request initiation to final purchase order issuance.

Ambiguities, Questions & Assumptions:

- Assuming the "customer" is just an internal employee making the request.
- Case worker handles everything with vendors – sending bids and the final PO.
- For requests over $1500, I assumed the process waits for all bids to come back.
- Only one vendor is picked even if there are multiple good bids.
- Not clear how many vendors are involved in the bidding process.
- Not clear what happens if a bid is missing, late, or incomplete.

ABC Company Process [Activity Diagram]:

In House Customer	Purchasing Department	Vendor

act [ABC Company–Purchase Process]