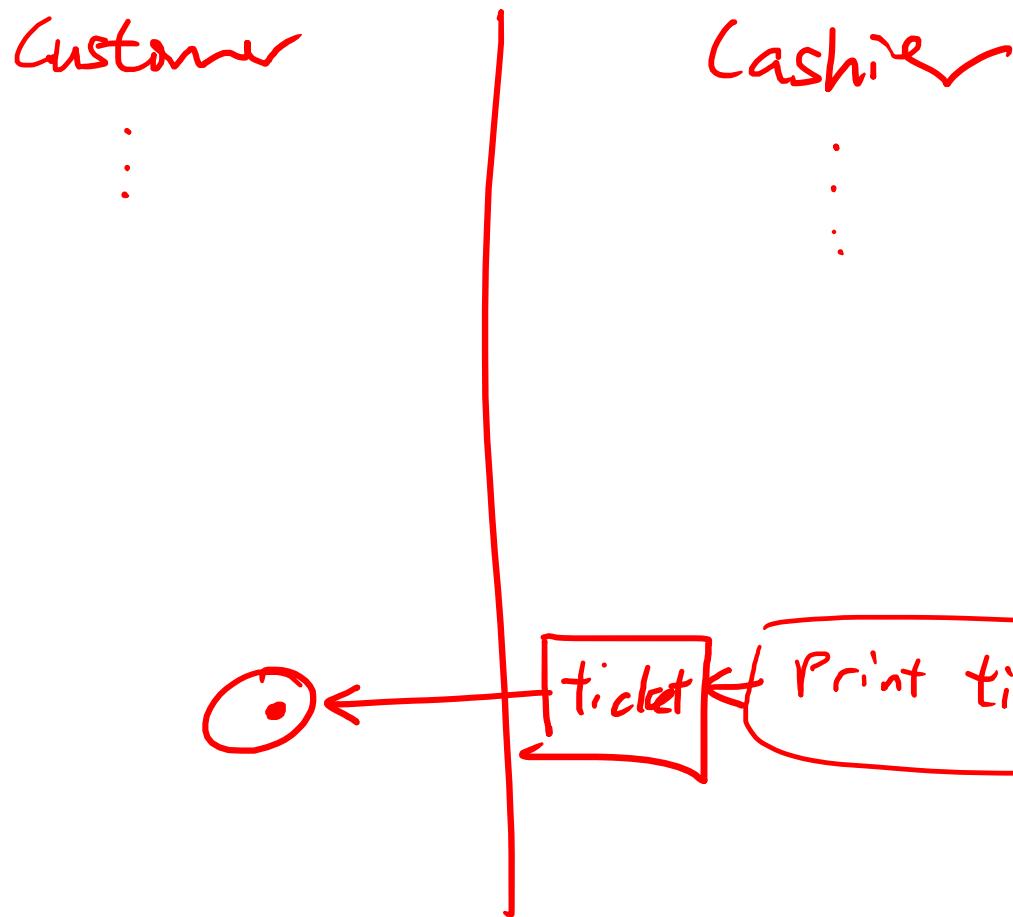


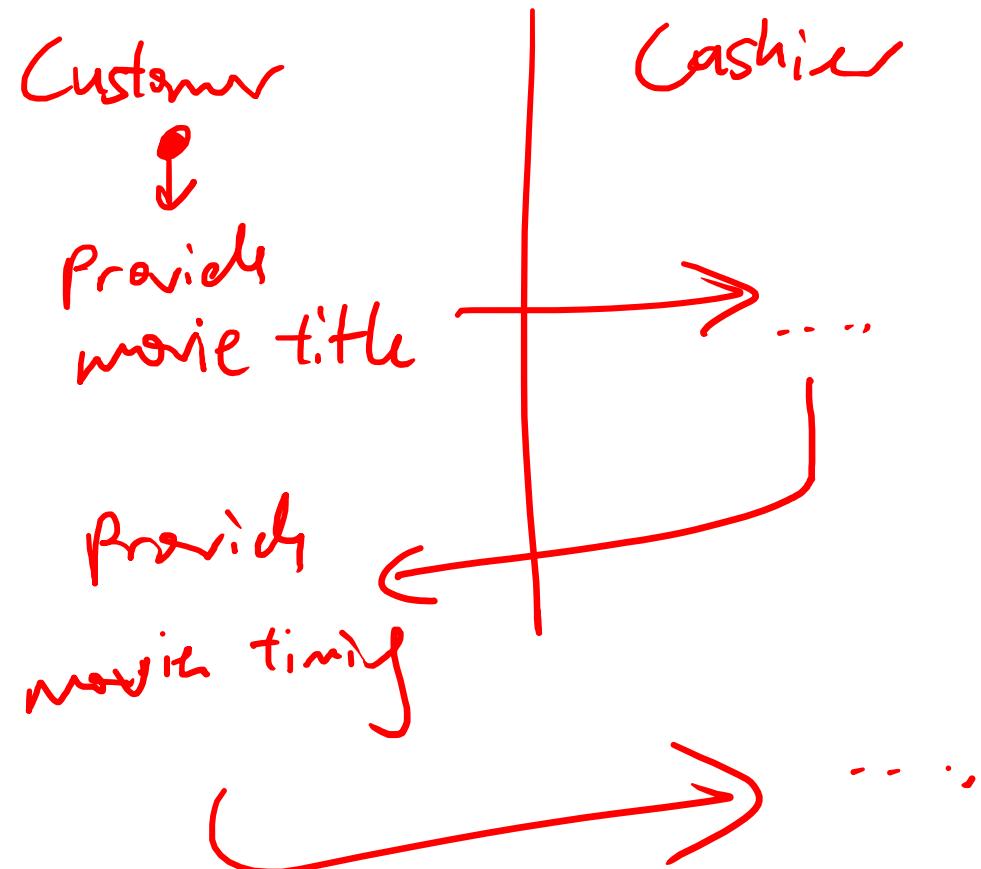
Use of square boxes



Square boxes are used to represent objects e.g. a ticket

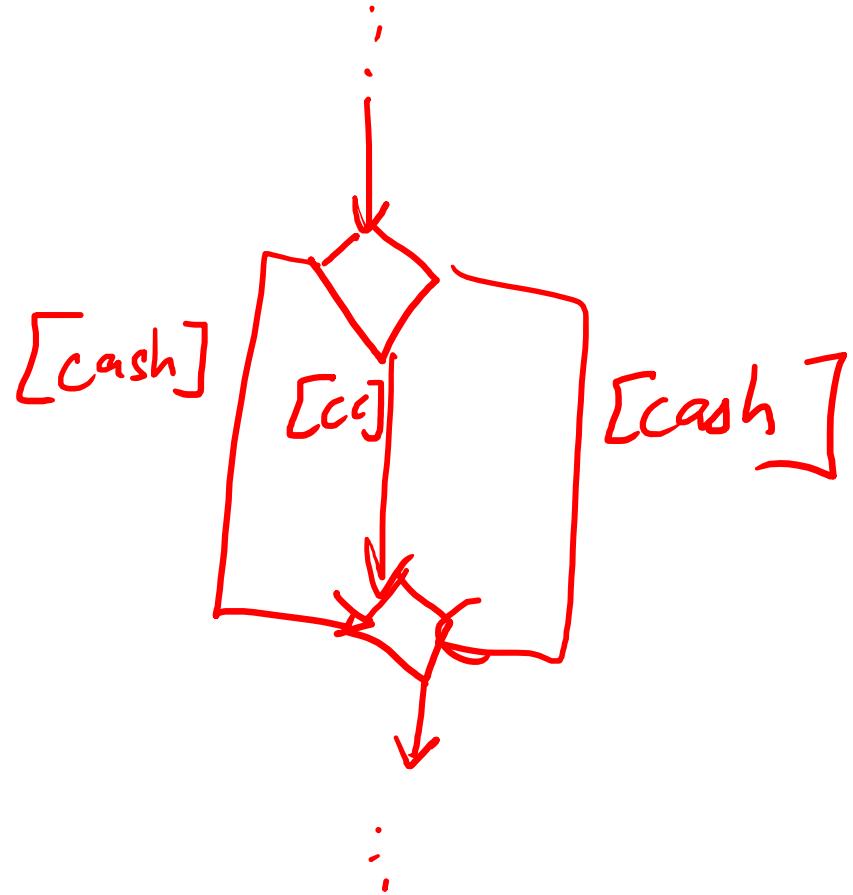
So be careful to use rounded boxes to represent activity

Notations



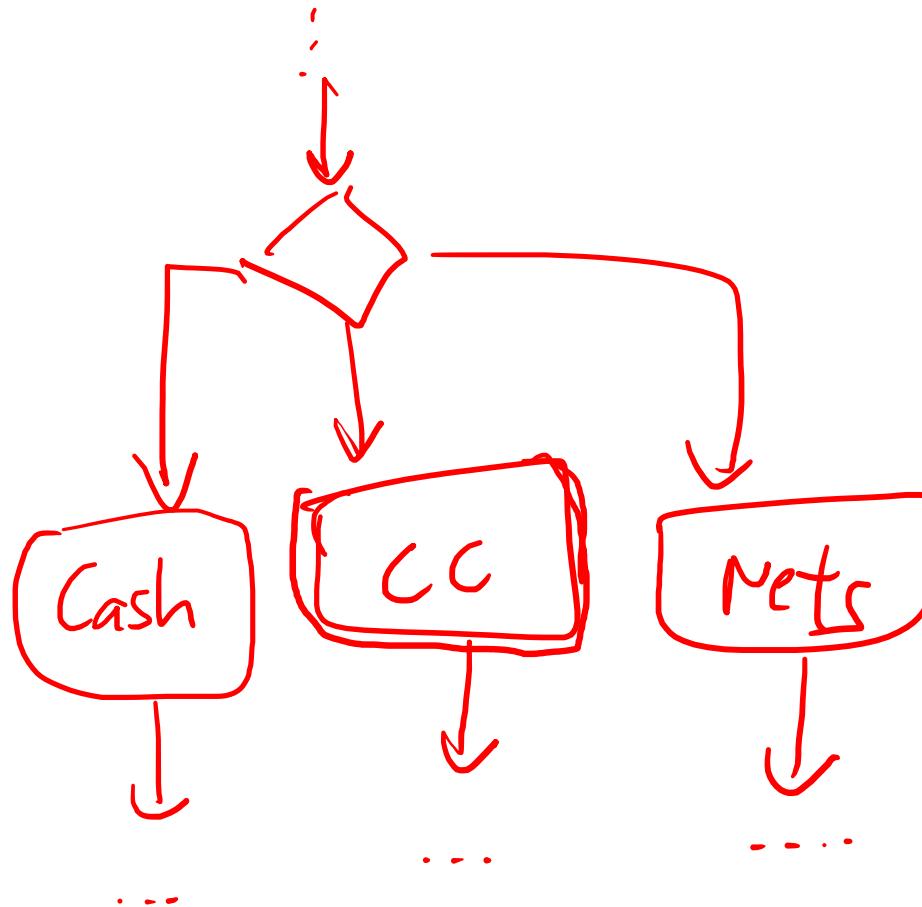
Make sure there's boxes also. Notations are important!

Use of decision node and guard condition



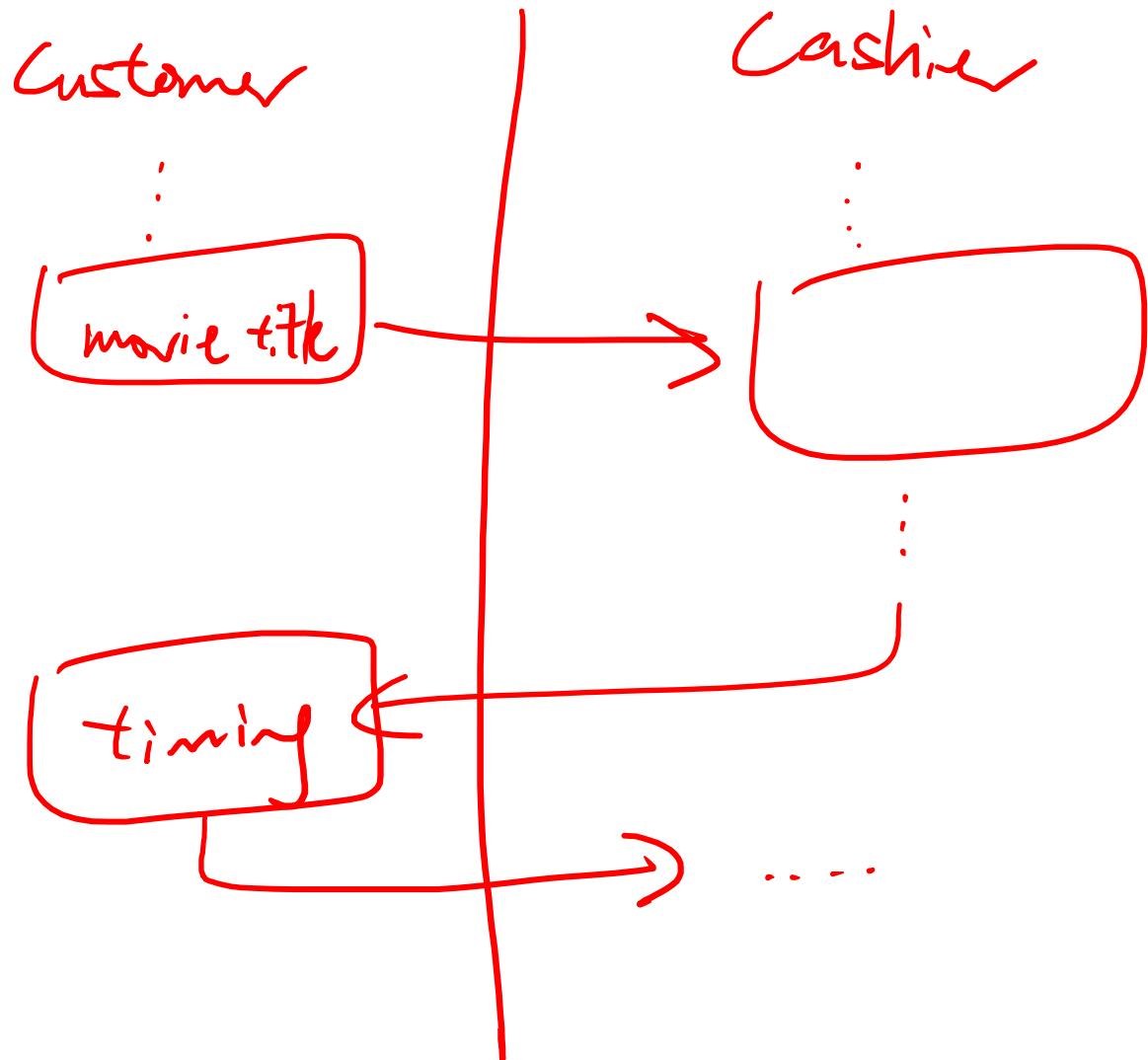
When using decision node and guard condition, it makes sense for at least one of the branch to have an activity. If not there's no point showing these branches

Naming of activities



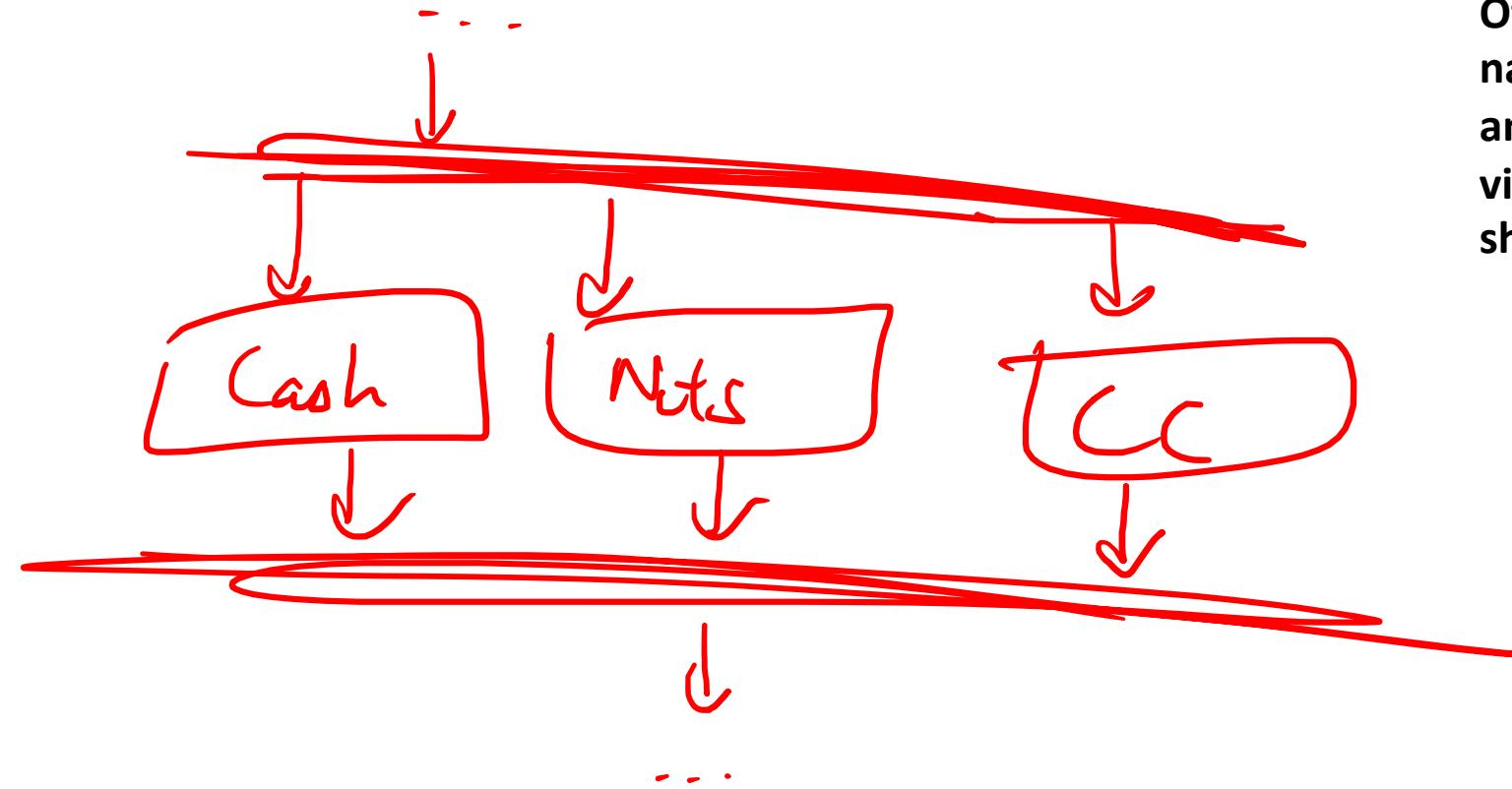
Activities should be an action. While there's no absolute right and wrong way how much you want to represent in an activity diagram, it is important to follow proper notation and be as detailed as possible. Have to be careful not to be sloppy in the representation!

Be explicit!



While we are likely to understand what you are talking about in this case, you should be as explicit as possible (e.g. “Provide movie title”, “provide movie timing”). Take note that a lot of time we draw activity diagram because we are not clear about the exact business processes (it could also be an unfamiliar domain)

Fork and Join

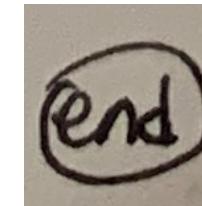
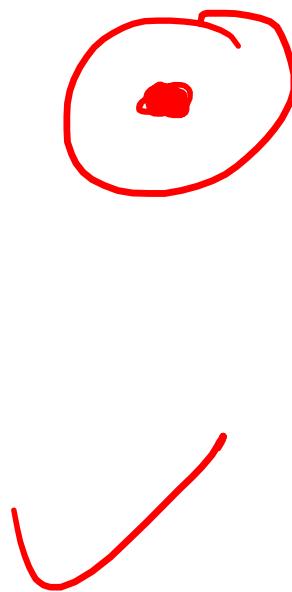


Other than the fact that the activities are named wrongly, this is a wrong use of fork and join. Fork means that all the path will be visited. In this case only one of the path should be traversed.

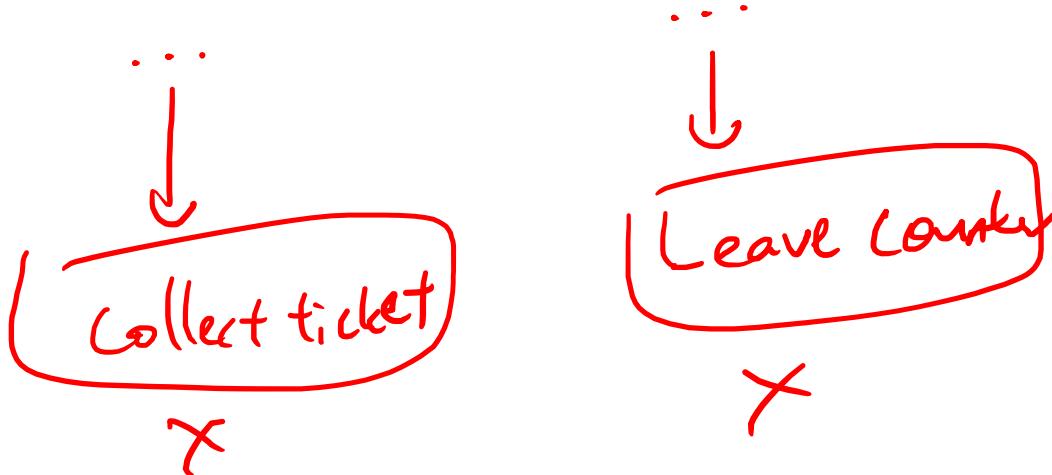
Final Node

Make sure you use the correct notation!

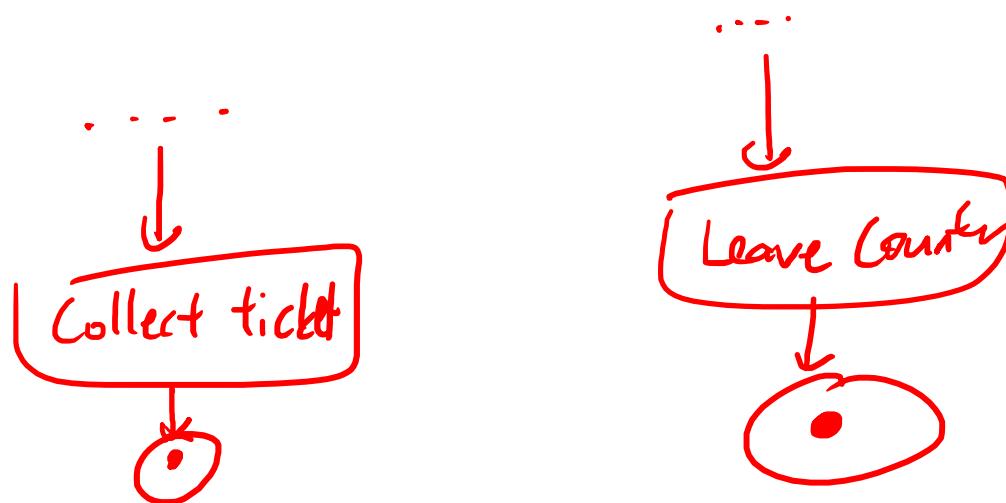
(and don't forget the final node where applicable)

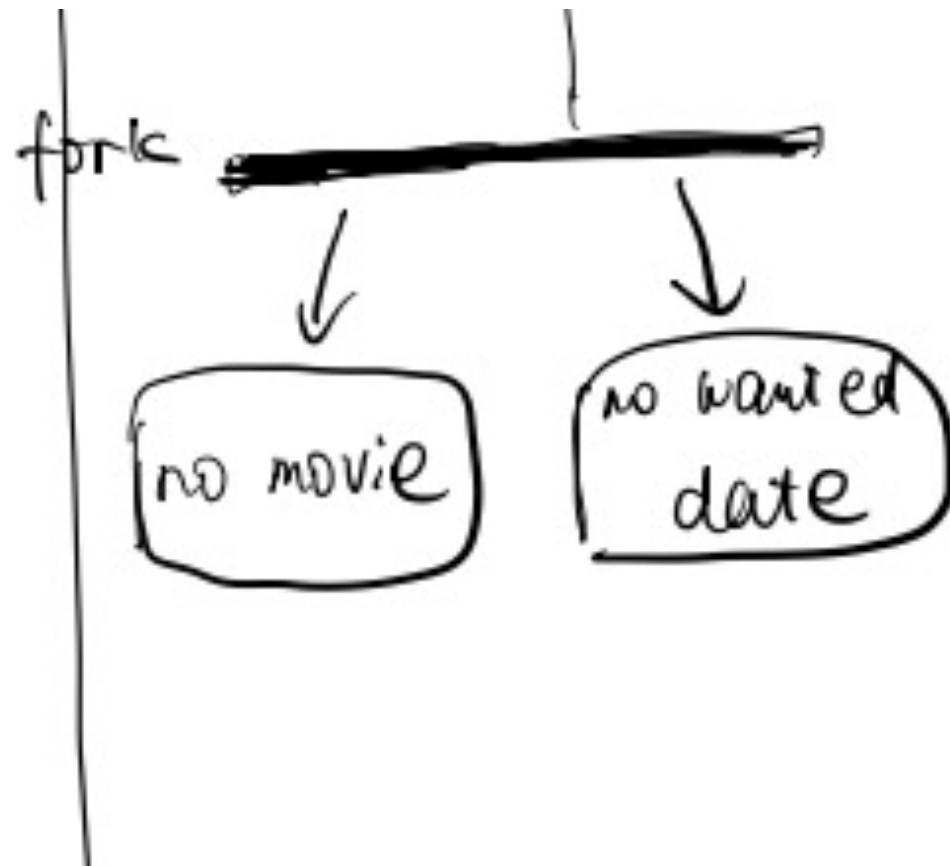


Make sure all the activities are joined up

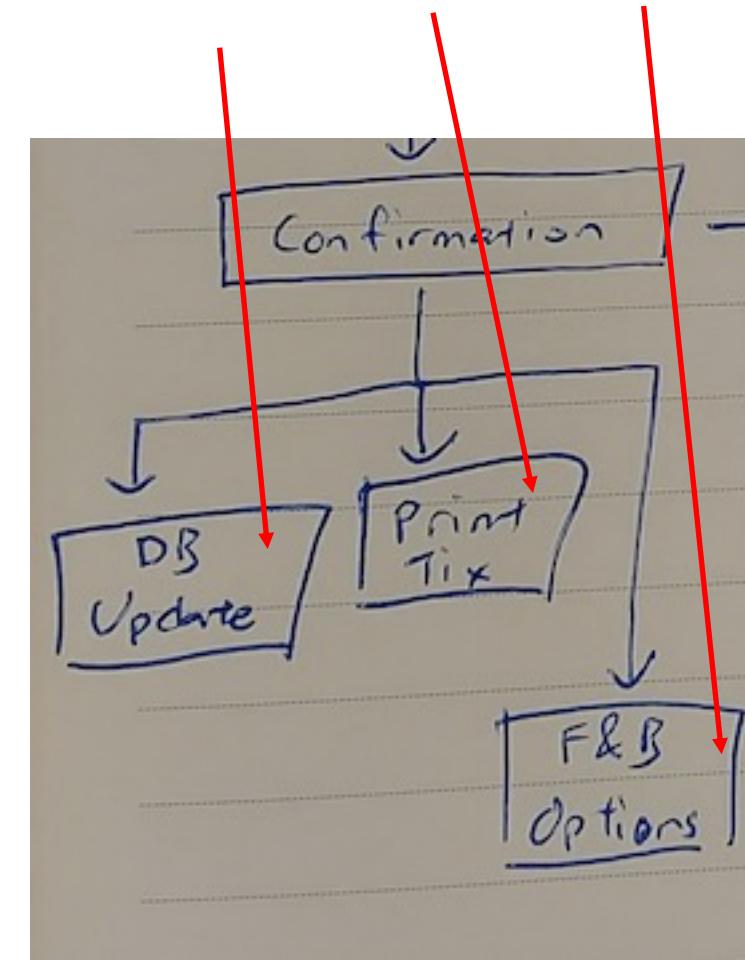


should be





Make sure that you link the activities up.
Every activity should go to the next activity
or the final node



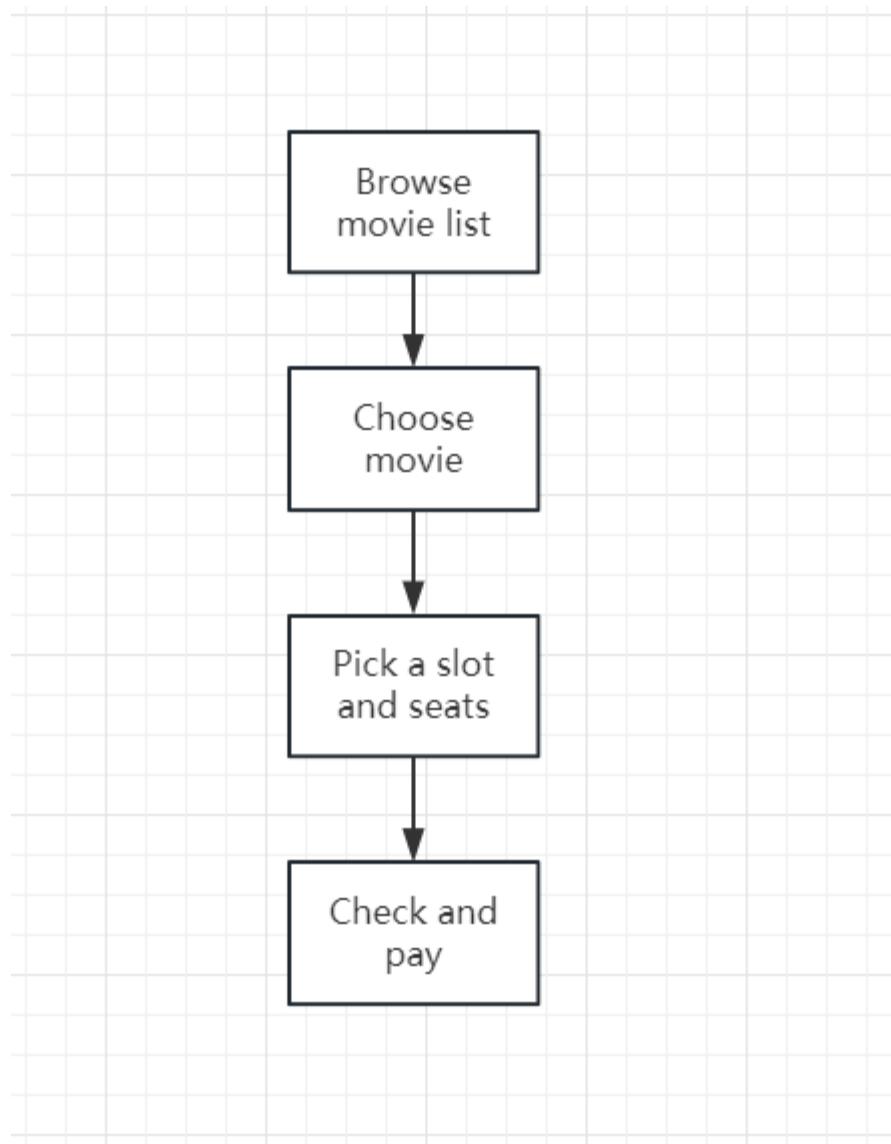
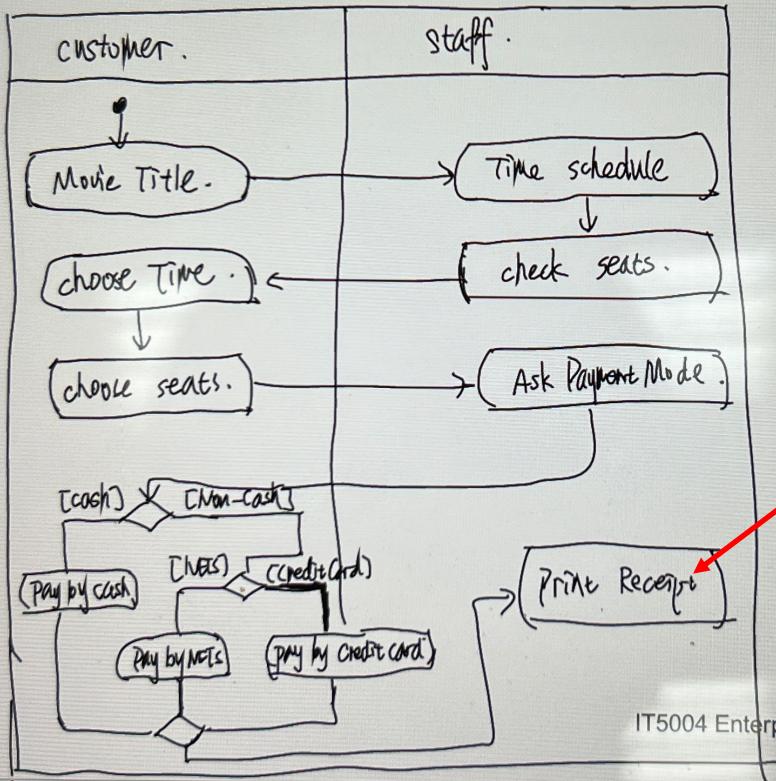


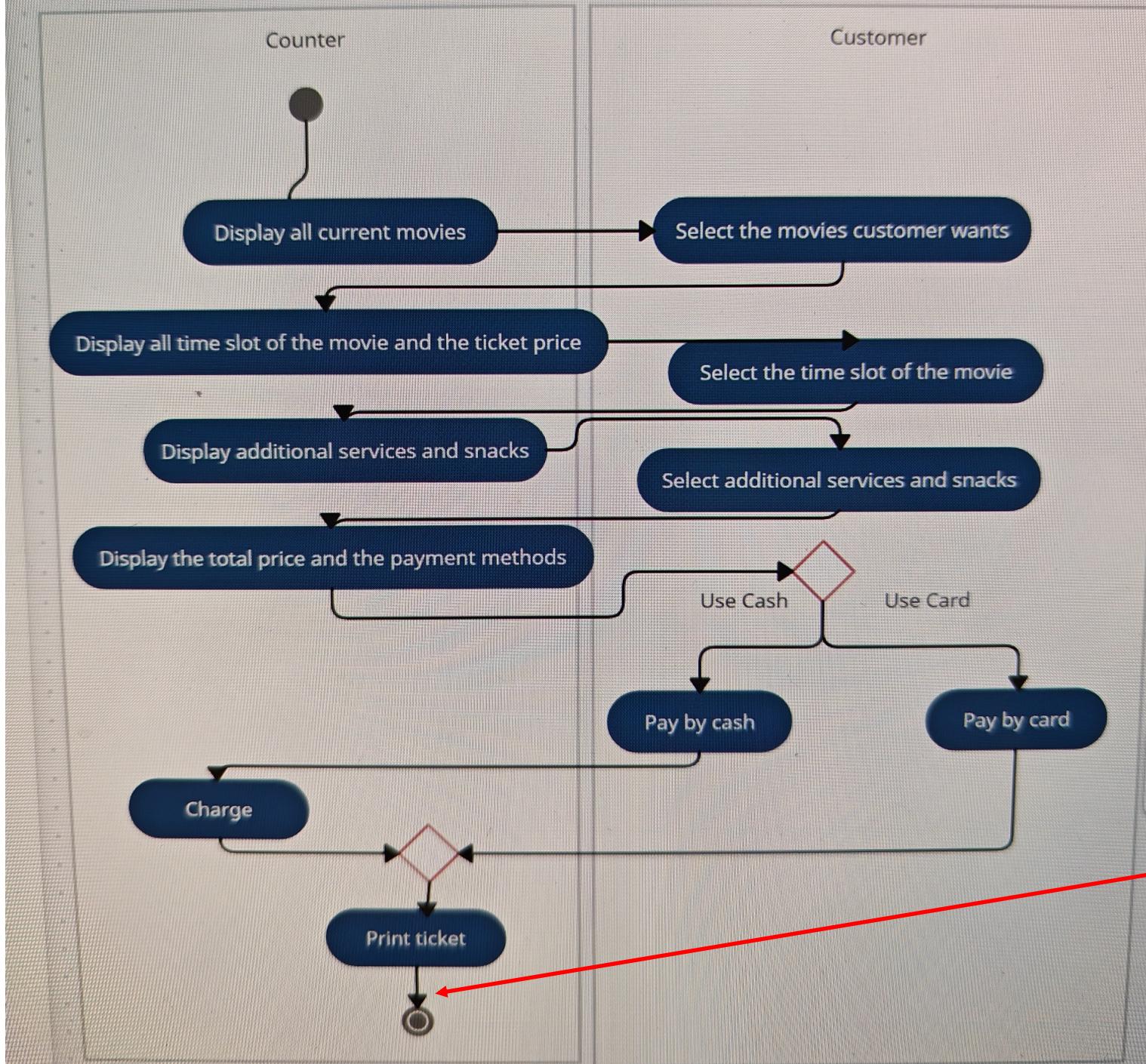
Diagram overly simplistic. Need to understand that activity diagram is supposed to help in the requirements gathering and analysis process. We don't do it for the sake of wanting to do it.

TASK

Draw an activity diagram that models how a customer would buy movie tickets off the counter



Missing final node



This arrow should point to the customer swimlane, indicating that the ticket is given to the customer

Suggested solution

