

# SWIMLANE DIAGRAM

Prof. Sudip Misra

Department of Computer Science &  
Engineering

Indian Institute of Technology, Kharagpur

<http://cse.iitkgp.ac.in/~smisra/>



# WHAT IS SWIMLANE DIAGRAM?

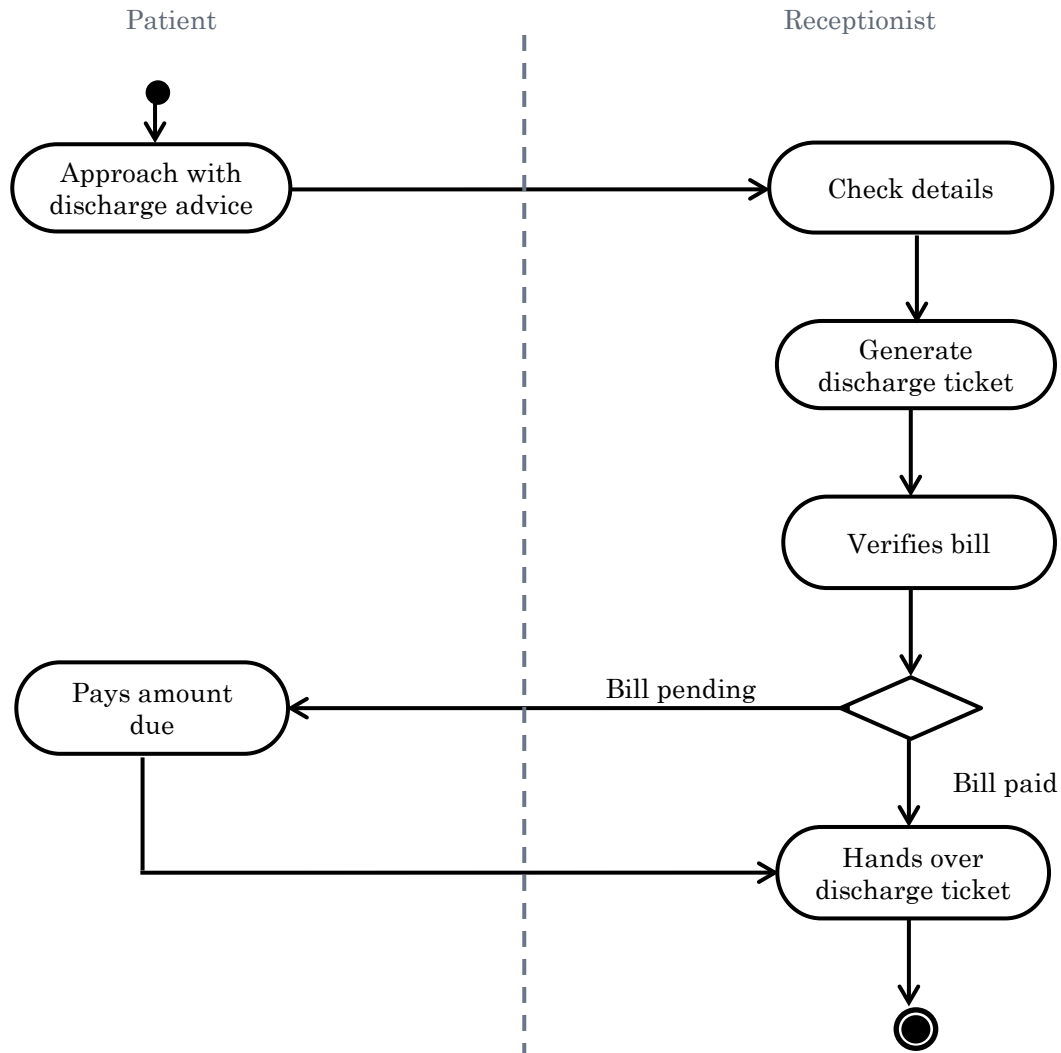
- A swimlane diagram is a type of process flow diagram that features divisions or "lanes."
- Each lane is assigned an actor (which may be an individual, department, division, group, machine, entity, and so on), or even a phase or stage in a process, that is responsible for the activity or work described in the lane.
- Lanes may be displayed in horizontal rows or vertical columns.



## ADVANTAGES OF SWIMLANE DIAGRAM

- First of all, a swimlane diagram serves as a clean, easy-to-follow way to identify multiple actors or phases in a system.
- Although a process flow diagram does not always require swimlanes, it is generally best practice to include them because of the useful information they impart to both the analyst and the viewer

# SWIMLANE DIAGRAM: DISCHARGE TICKET HANDOVER

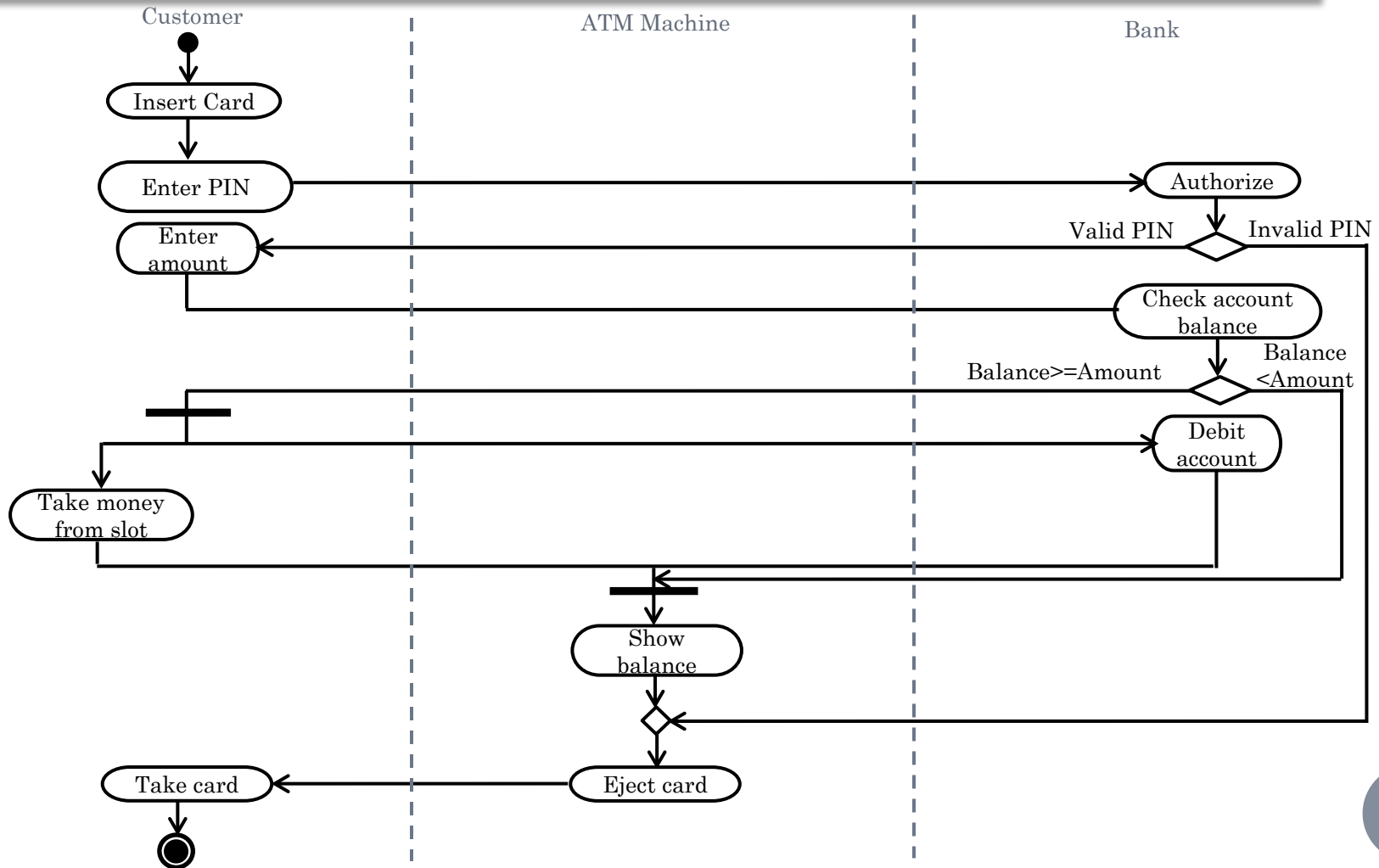




## ASSIGNMENT: ATM MACHINE

- Consider *Customer*, *ATM Machine*, and *Bank* as actors
- Construct a swimlane diagram from ATM card insertion to eject.

# SOLUTION: ATM MACHINE



THANK YOU

