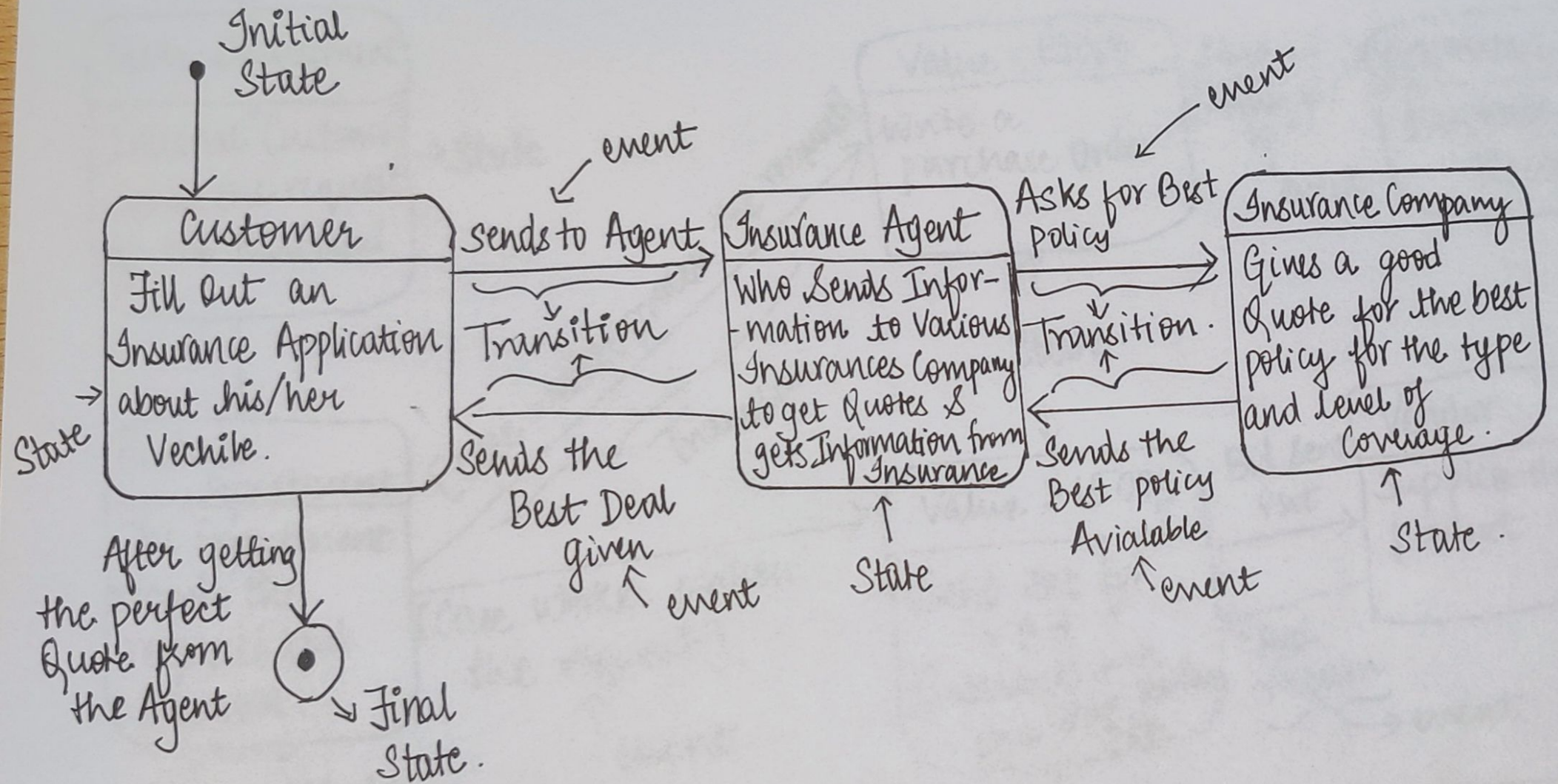
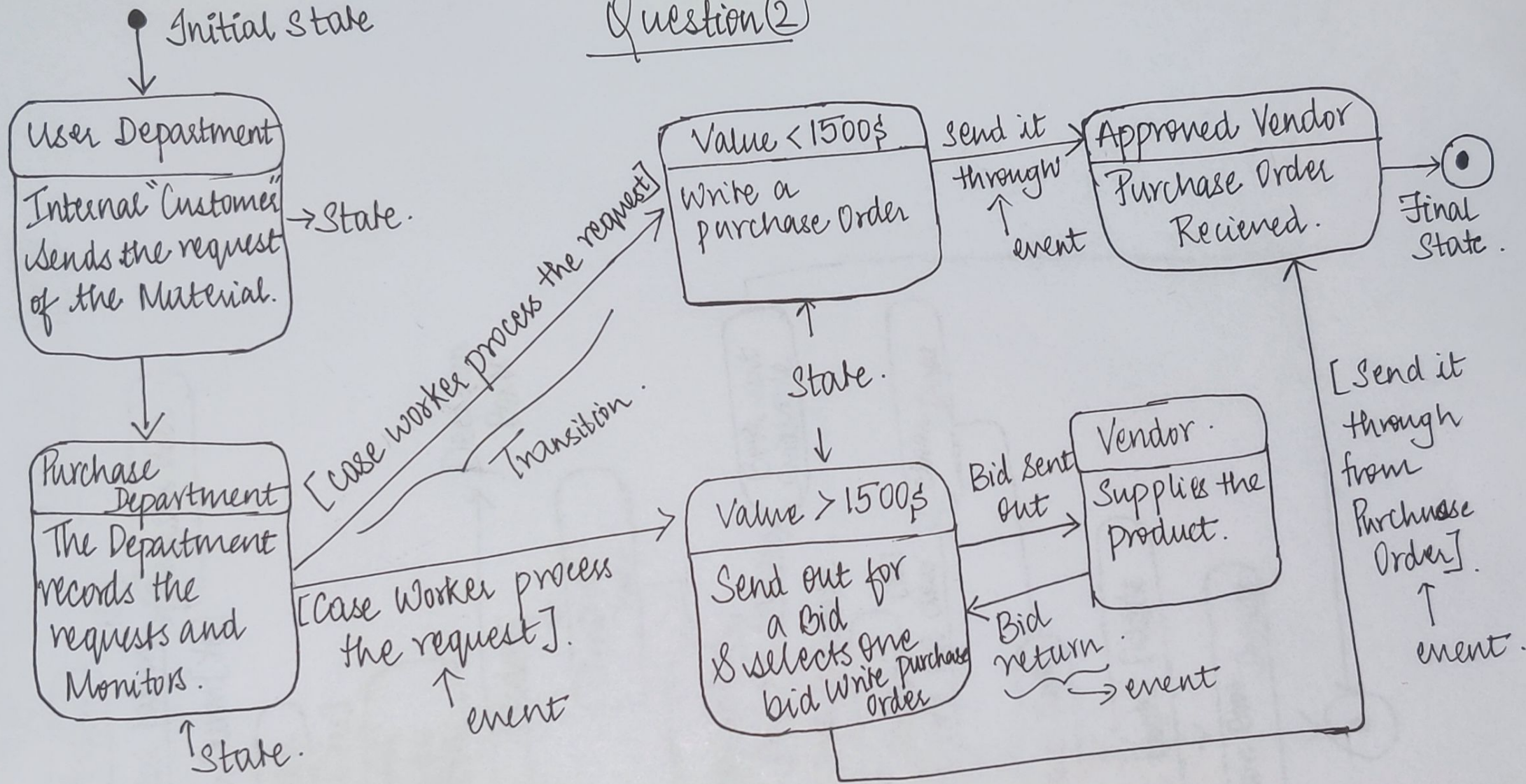


# Question 1





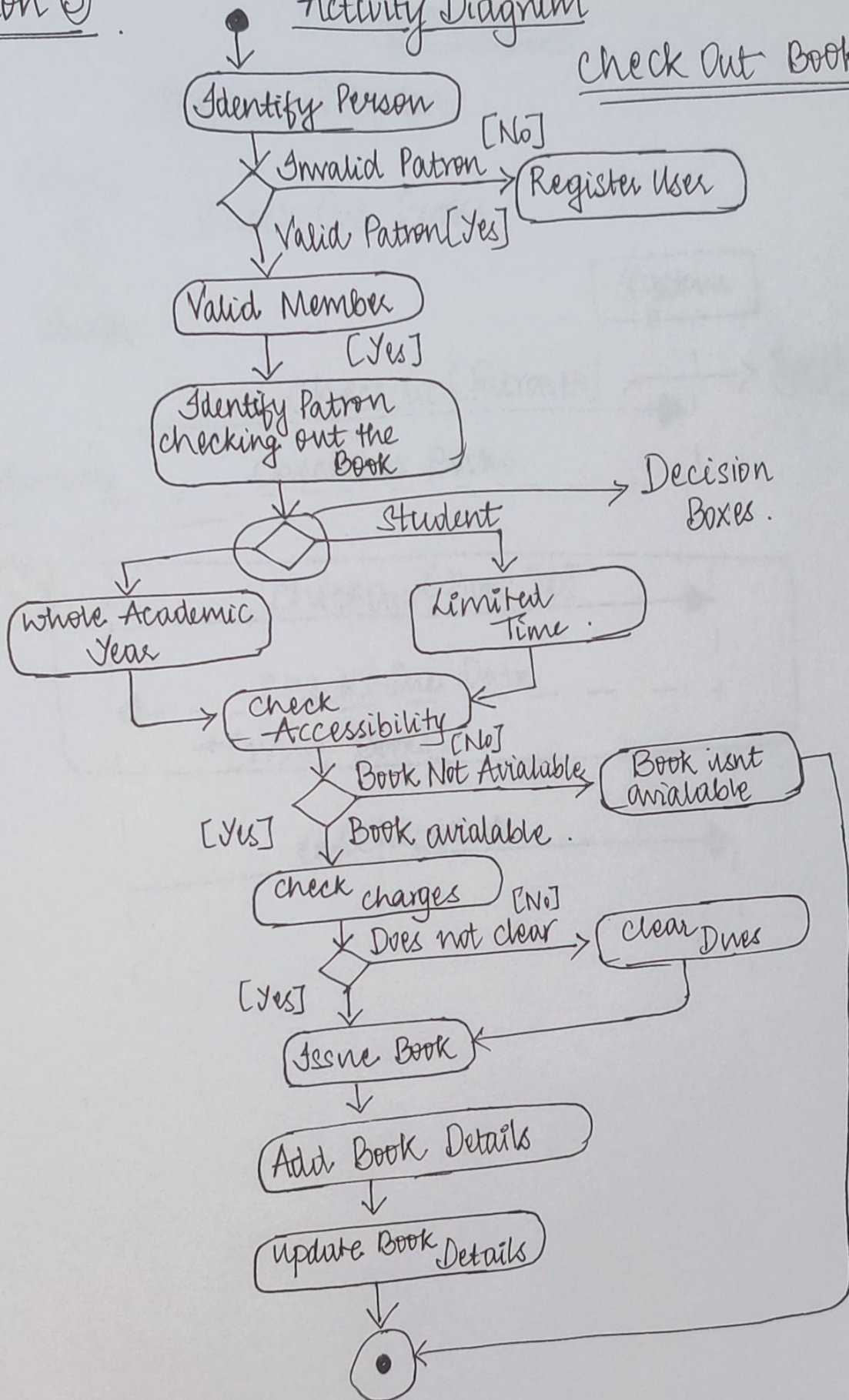
## Question (2)



Question (3)

## Activity Diagram

### Check Out Books





# Question (3)

## Sequence Diagram

[User]



Worker

check Out Books

System

checkout [Patron ID]

Synchronous Message

check Out Books

Asynchronous  
return  
Message

checkout [Book ID]

check Due Date

\*[more Books]

endCheckOut

