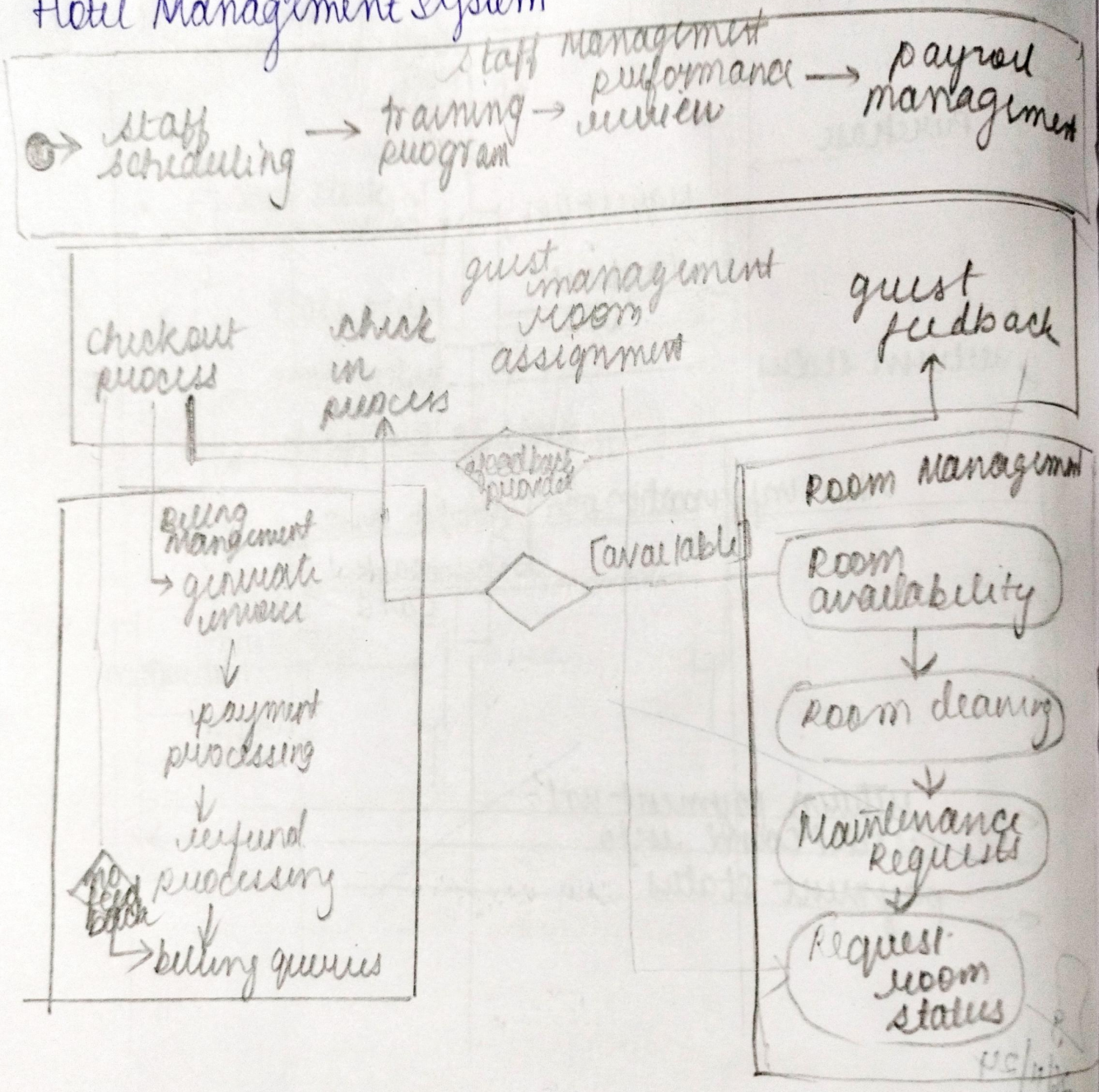
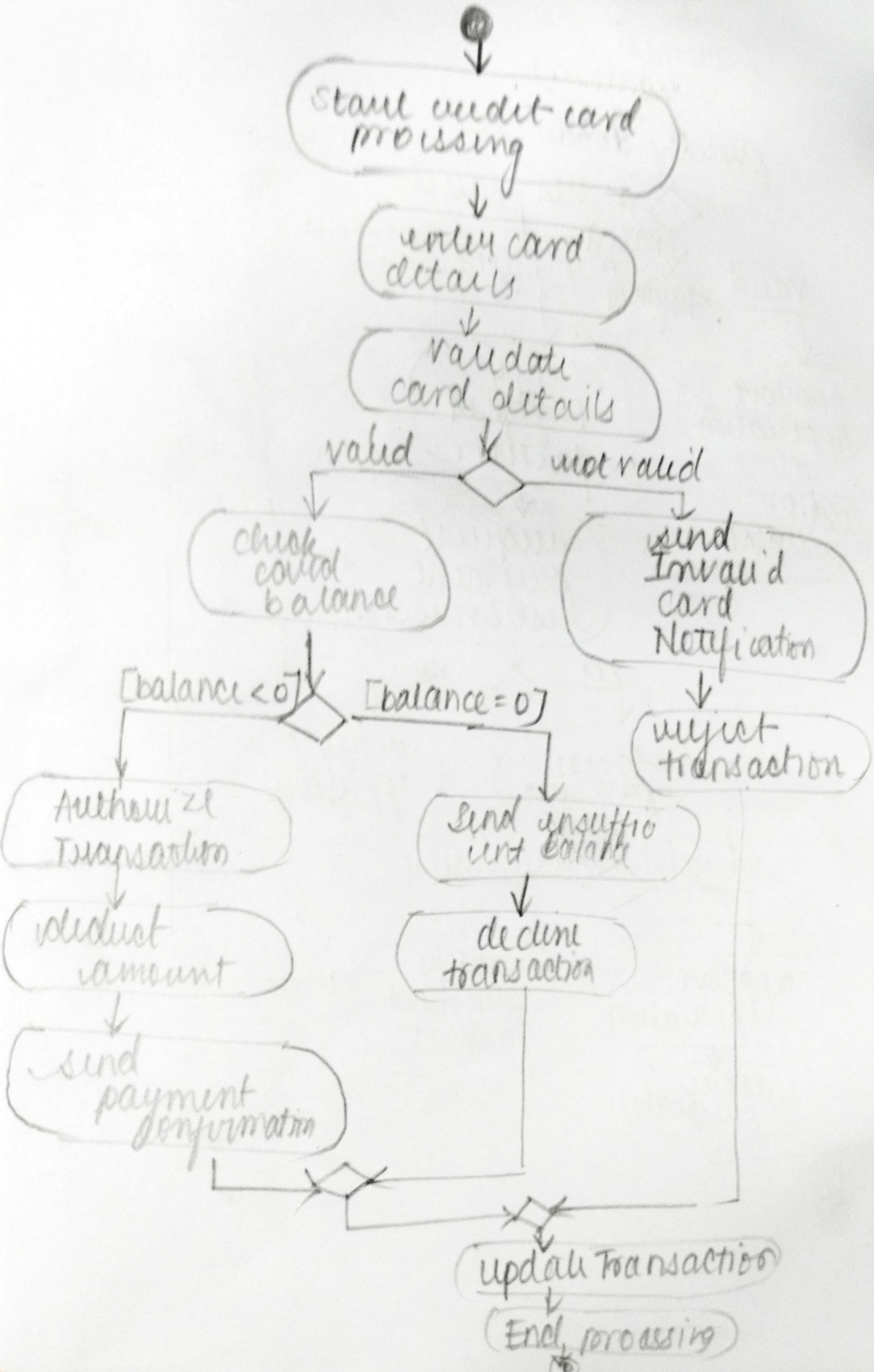
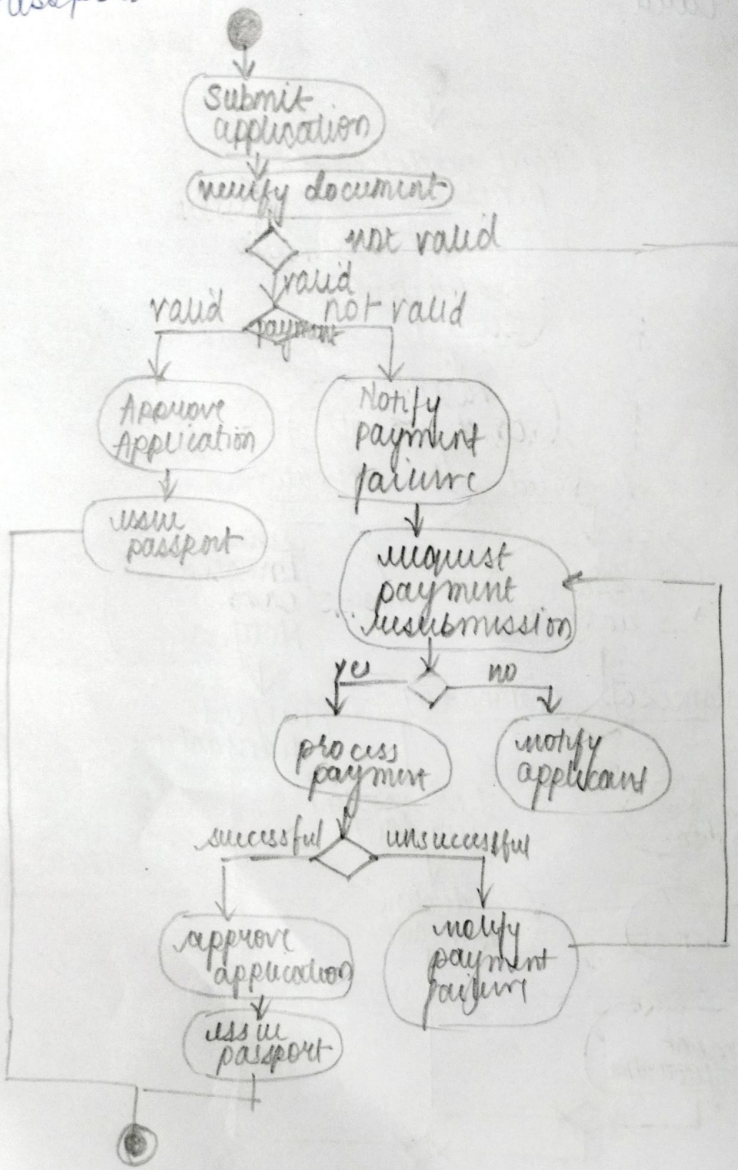
Activity Diagram
Hotel Management System

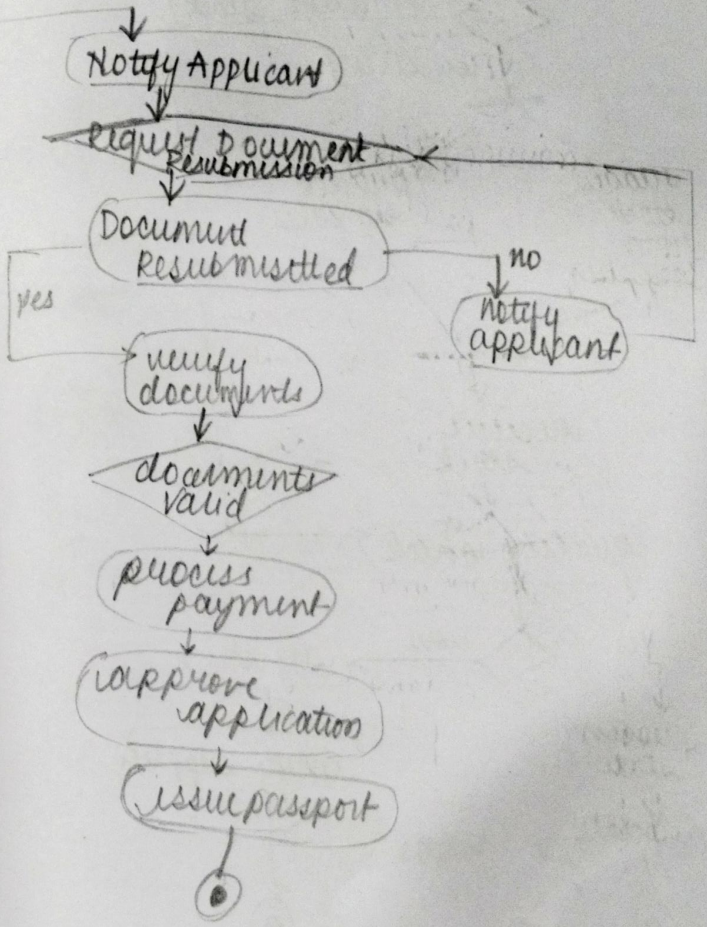


credit card

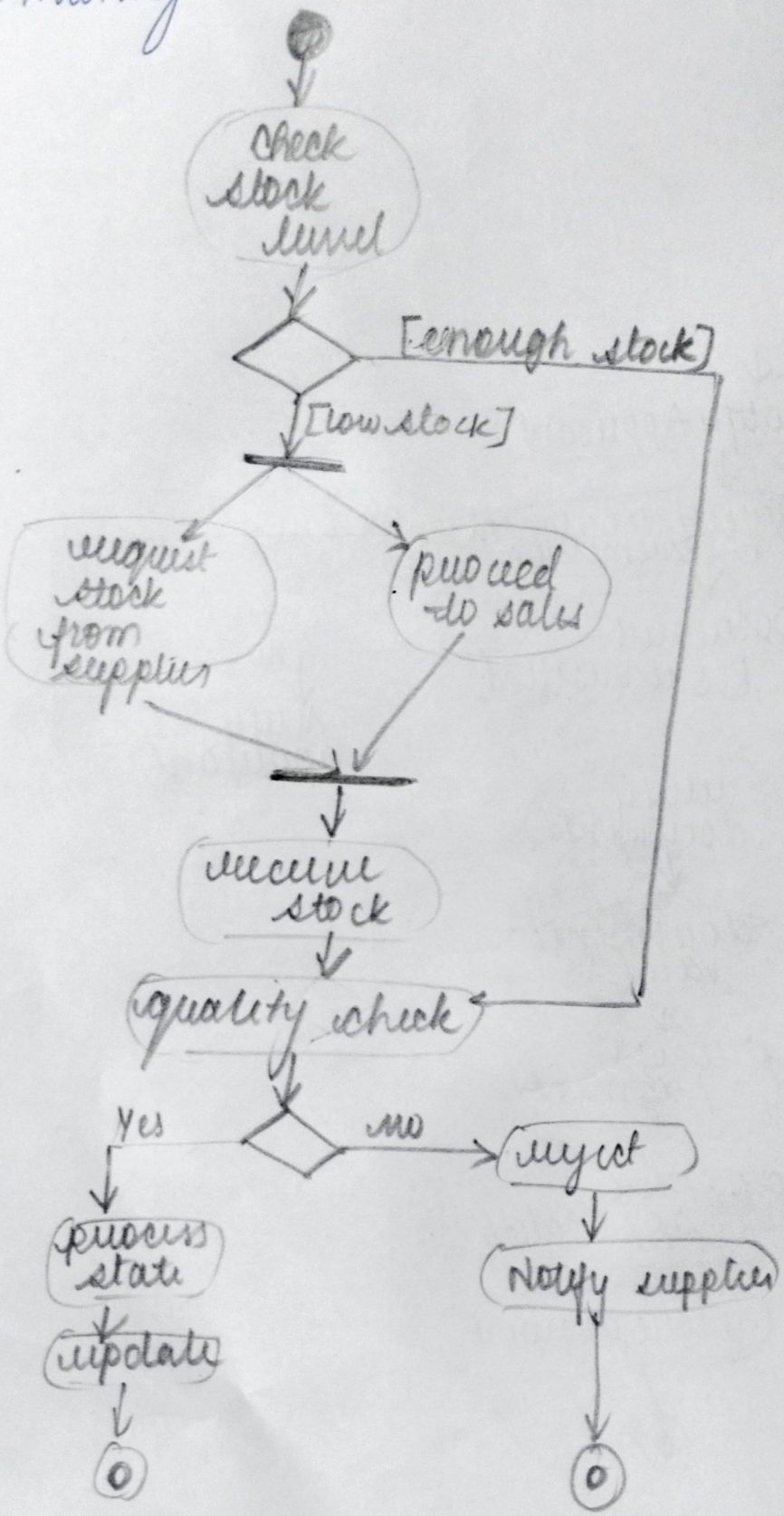
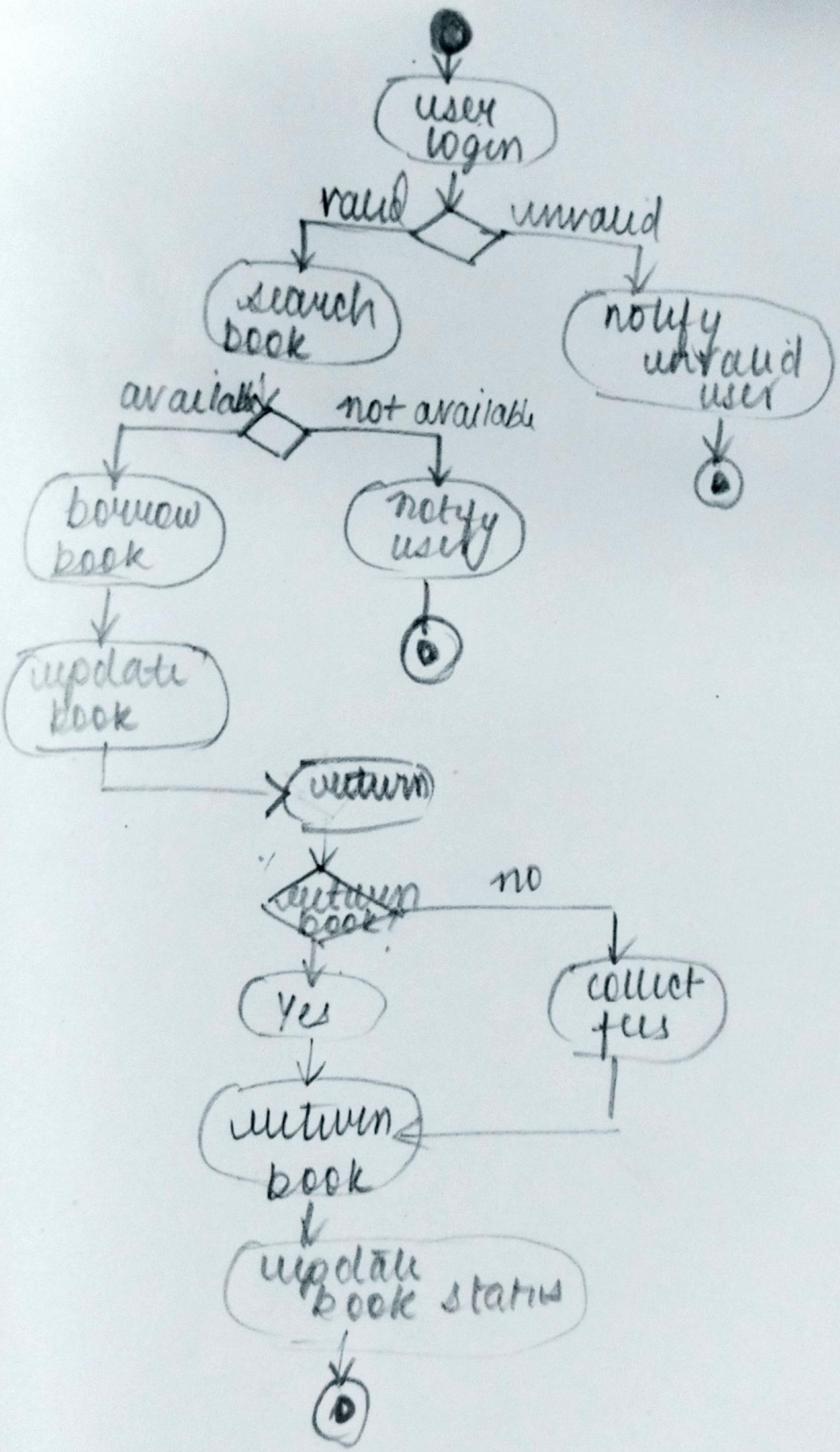

start credit-card processing
enter card details
validate card details
valid
not valid
check card balance
send Invalid card Notification
reject transaction
[balance < 0]
[balance = 0]
Authorize Transaction
deduct amount
send payment confirmation
send insufficient balance
decline transaction
update Transaction
End processing

Passport


Submit application
verify document
not valid
valid
valid
payment
not valid
Approve Application
Notify payment failure
issue passport
request payment resubmission
yes
no
process payment
notify applicant
successful
unsuccessful
approve application
notify payment failure
issue passport


Notify Applicant
request Document Resubmission
Document Resubmitted
no
yes
notify applicant
verify documents
documents valid
process payment
approve application
issue passport

Stock Management



Library system