ONLINE VOTIN

TEAM

BADMAS

GROUP Number

5

TEAM MEMBERS

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GUIDE

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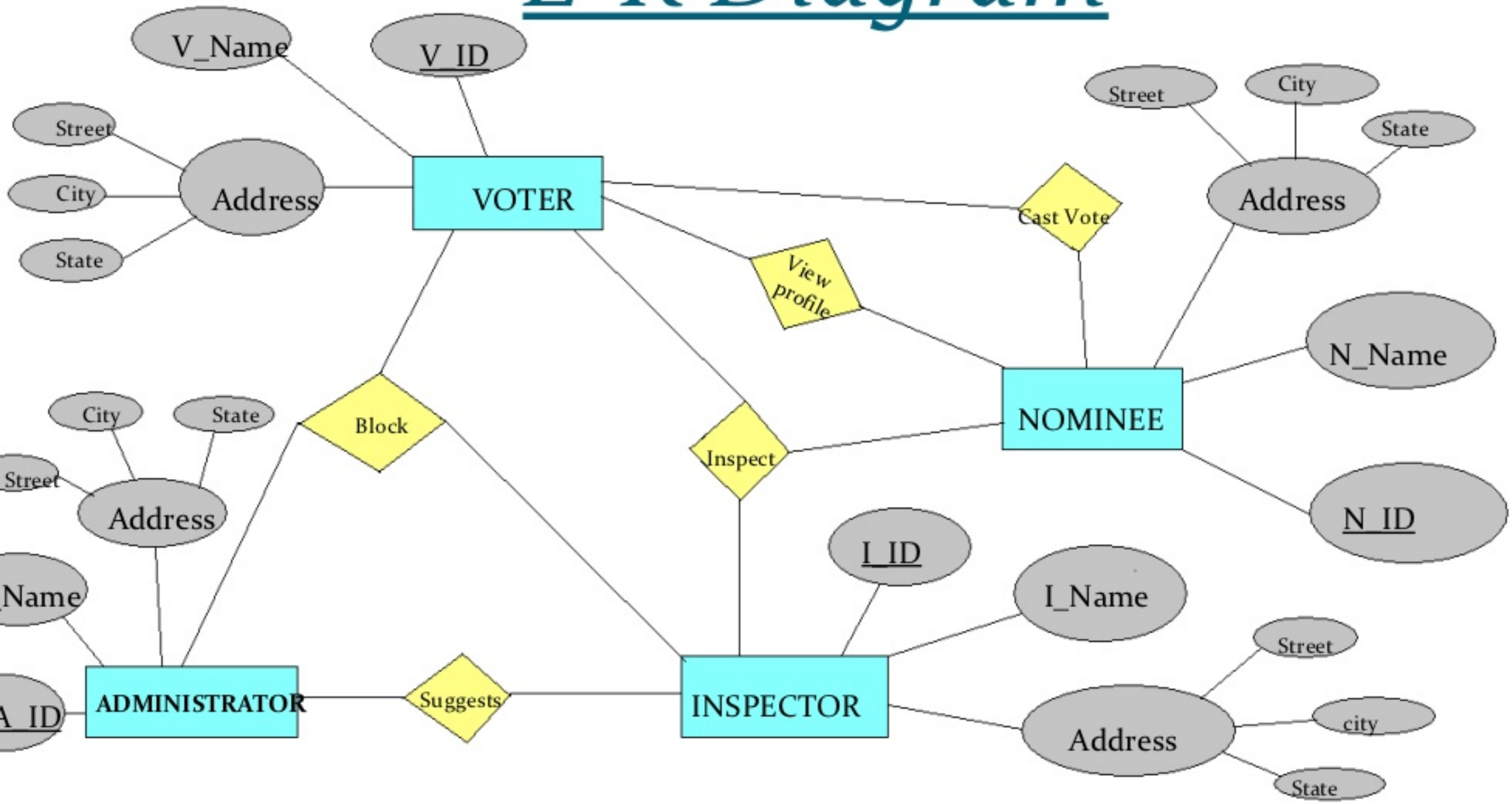
INTRODUCTION

- Online Voting System(OVS) is a web based application.
- OVS is a voting software.
- It consists of four groups, namely –
  - General voter.
  - Candidate/Nominee.
  - Inspector.
  - Administrator.

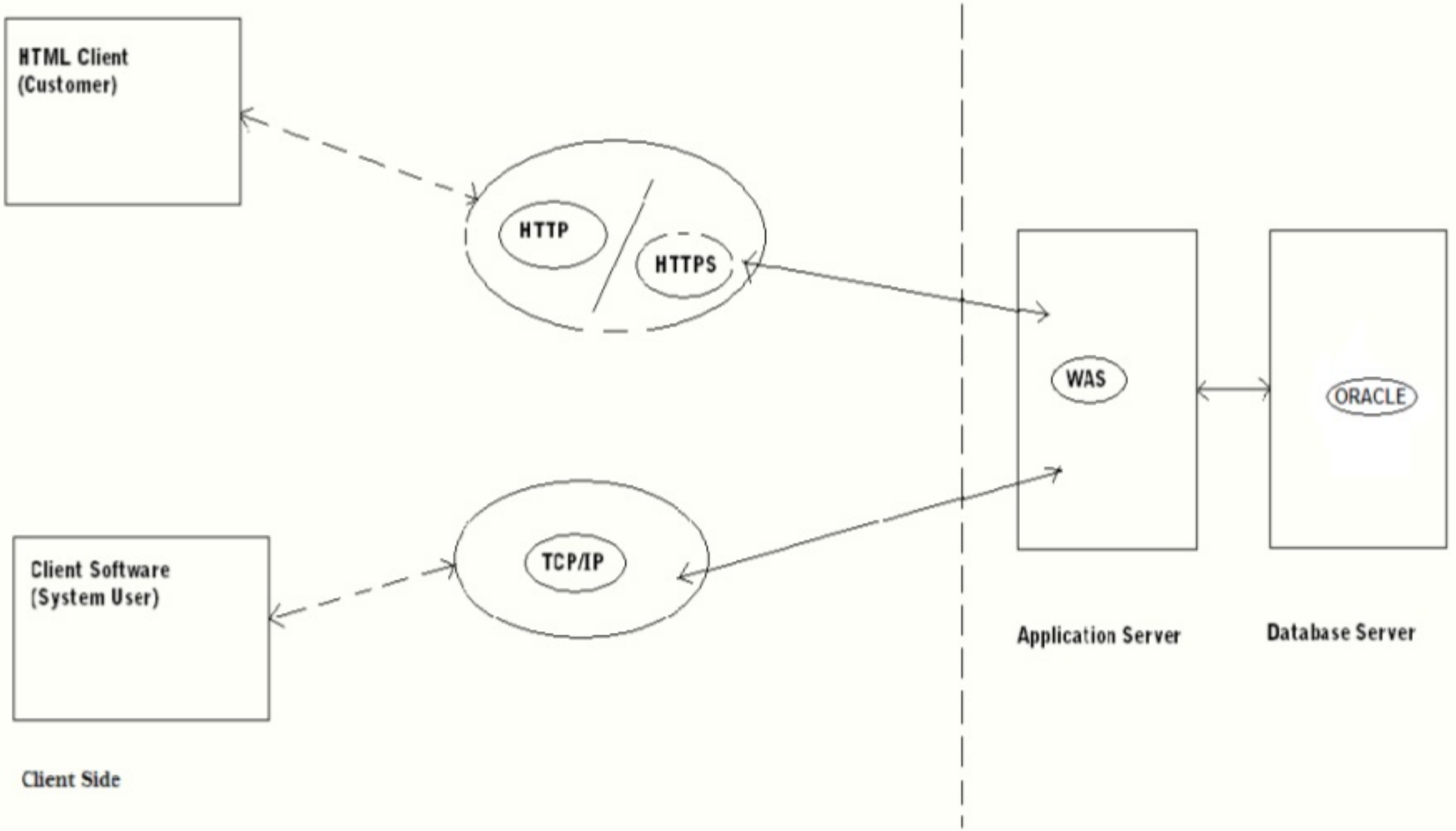
SCOPE

- ✓ Secured login procedure
- ✓ Knowing nominees of respective wards
- ✓ Profiles can be modified
- ✓ Nominees can post their vision
- ✓ Casting vote is possible only with successful authentication of voter
- ✓ Inspection is performed on both voter and nominee
- ✓ Suspected user can be reported against.
- ✓ Abused users can be verified and blocked if necessary

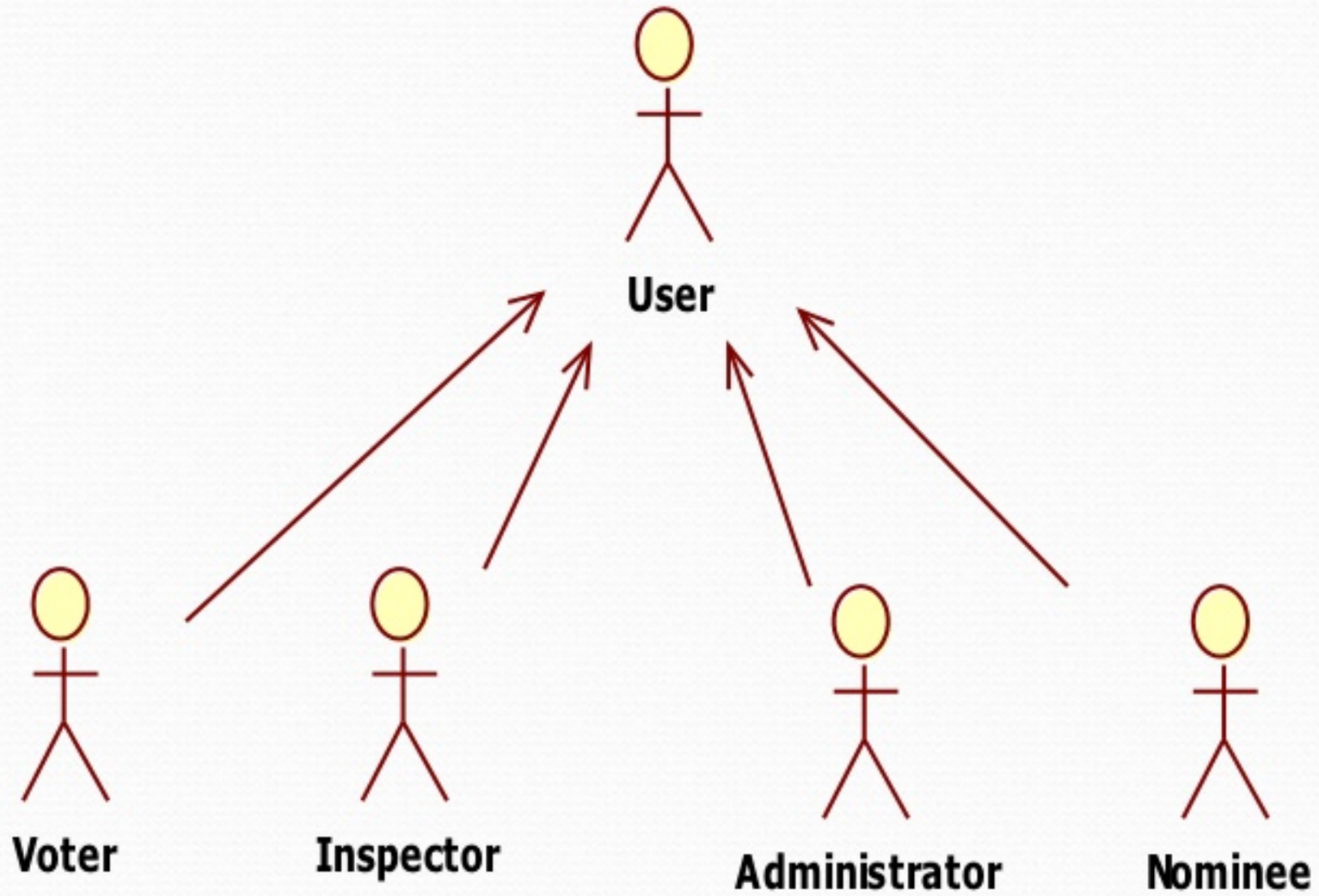
E-R Diagram


V_Name
V_ID
Street
City
State
Address
VOTER
Cast Vote
Street
City
State
Address
View profile
N_Name
NOMINEE
City
State
Street
Address
Block
Inspect
N_ID
I_ID
A_Name
I_Name
Street
A_ID
ADMINISTRATOR
Suggests
INSPECTOR
Address
city
State

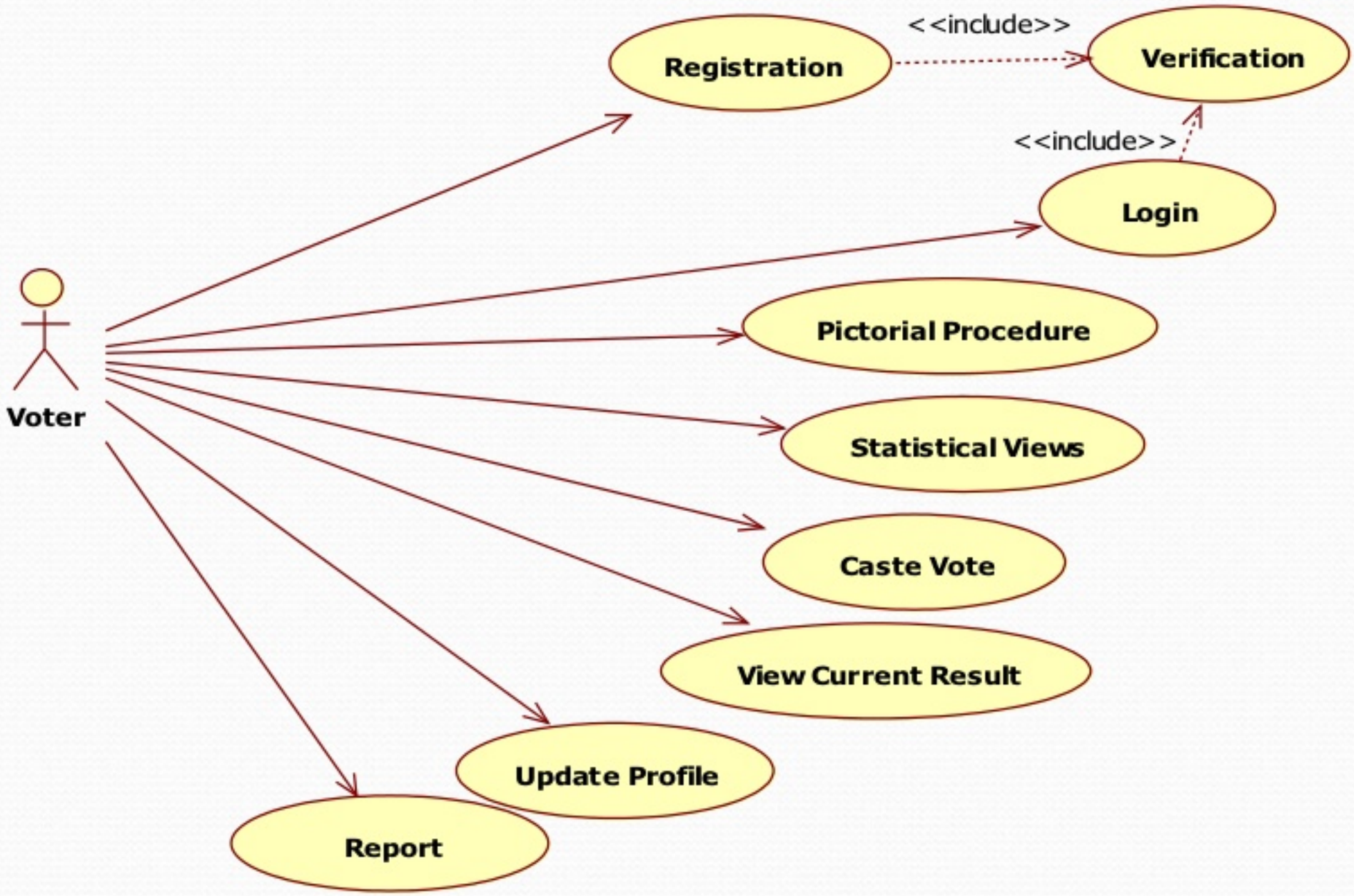
SYSTEM ARCHITECTURE



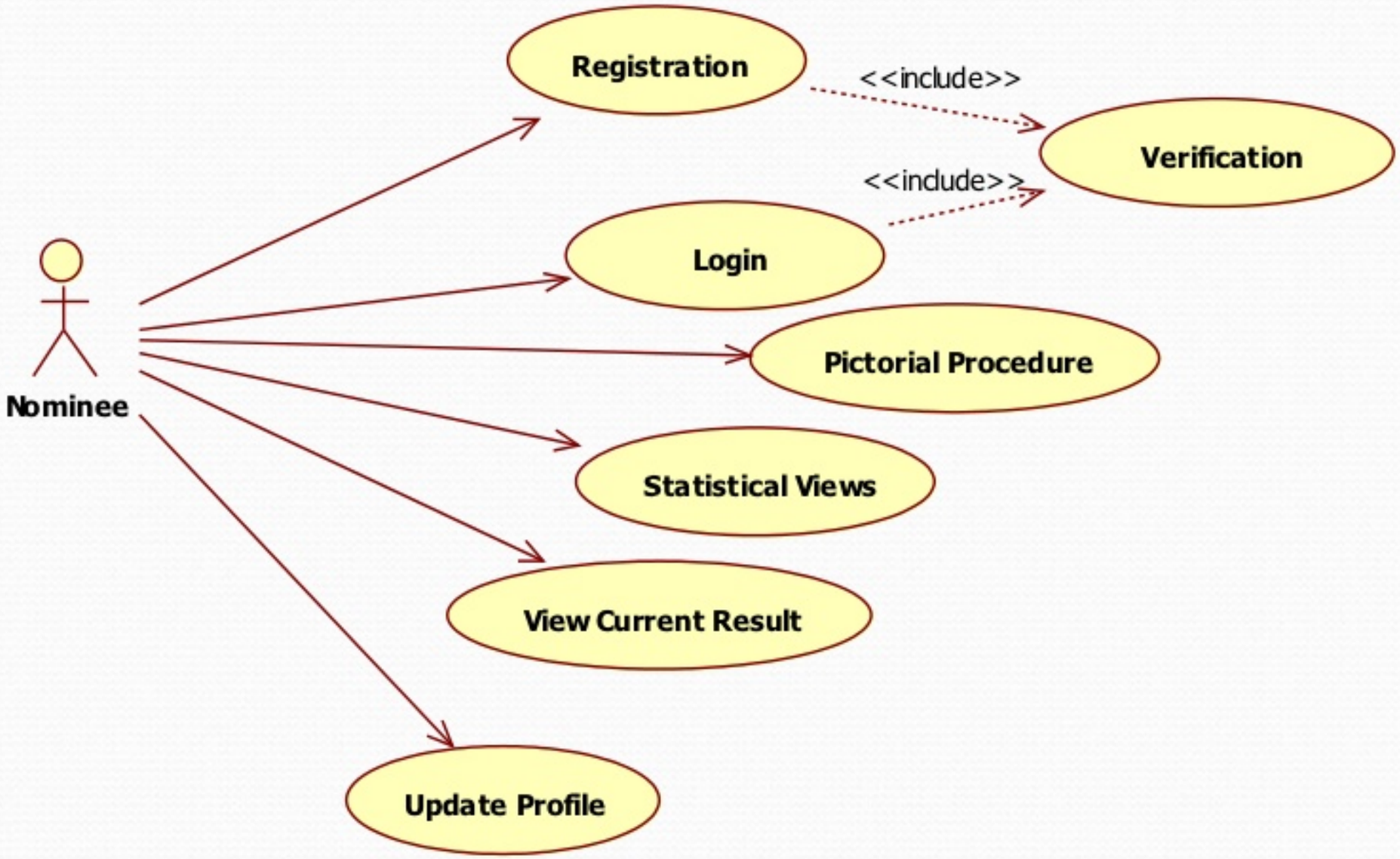
USER HEIERARCHY USE CASE DIAGRAM



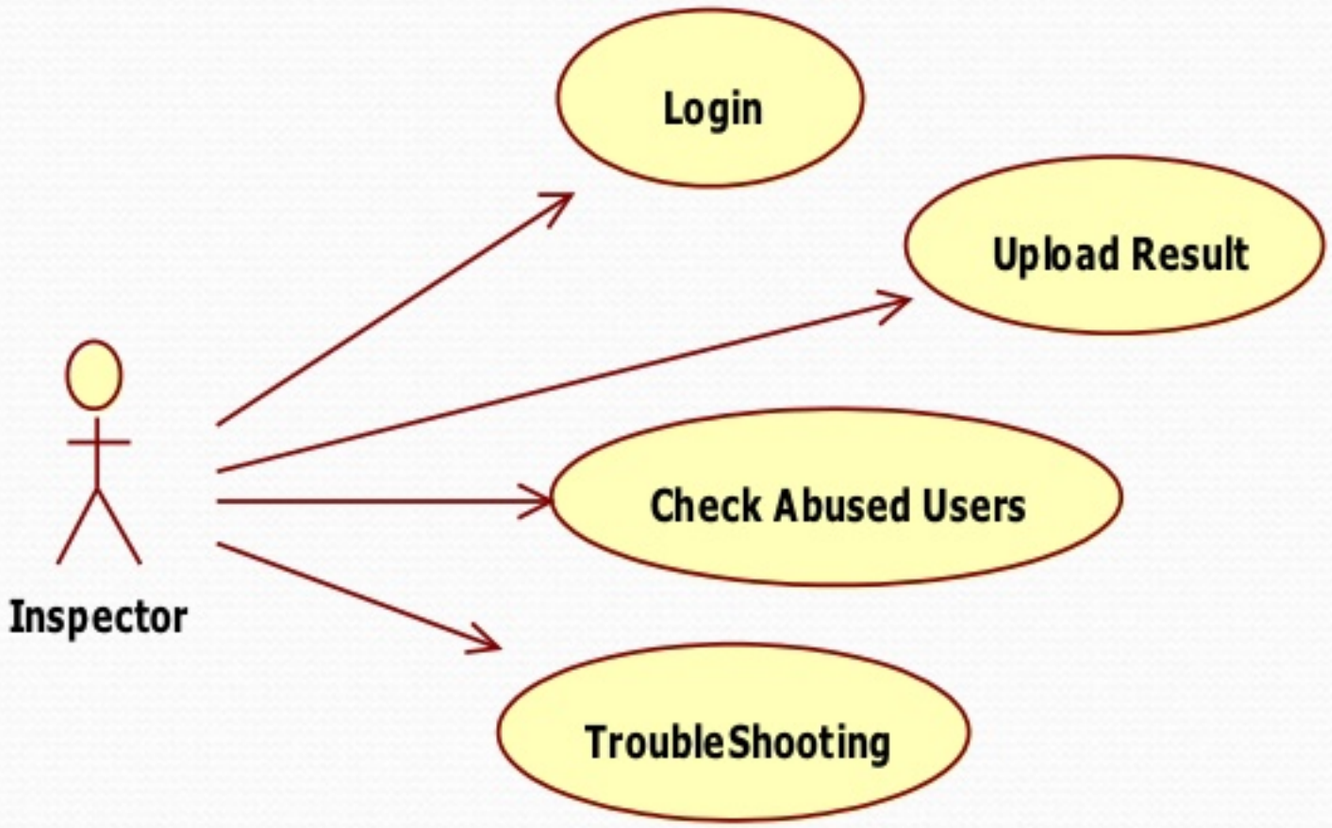
VOTER USE CASE DIAGRAM



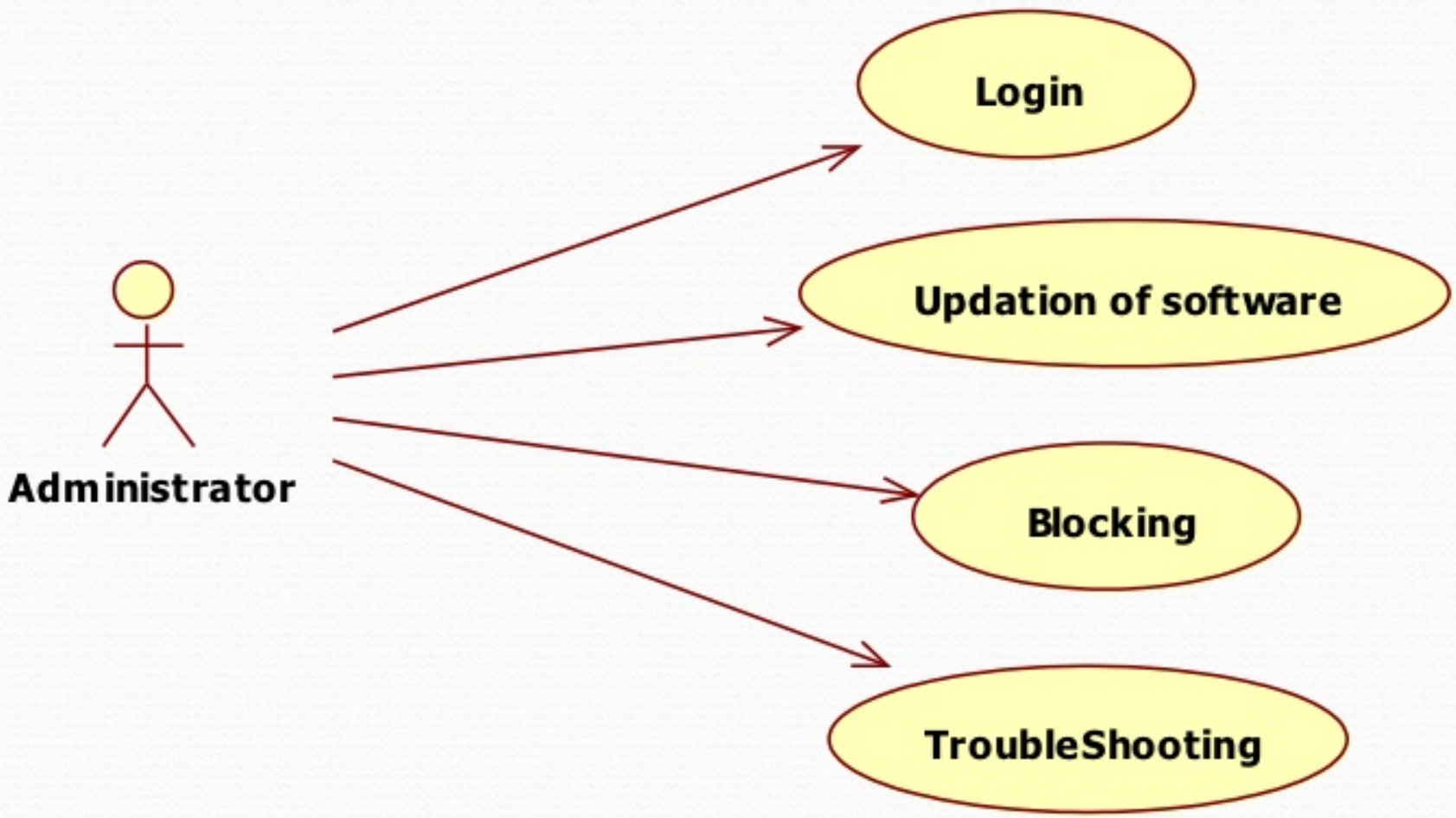
NOMINEE USE CASE DIAGRAM



INSPECTOR USE CASE DIAGRAM

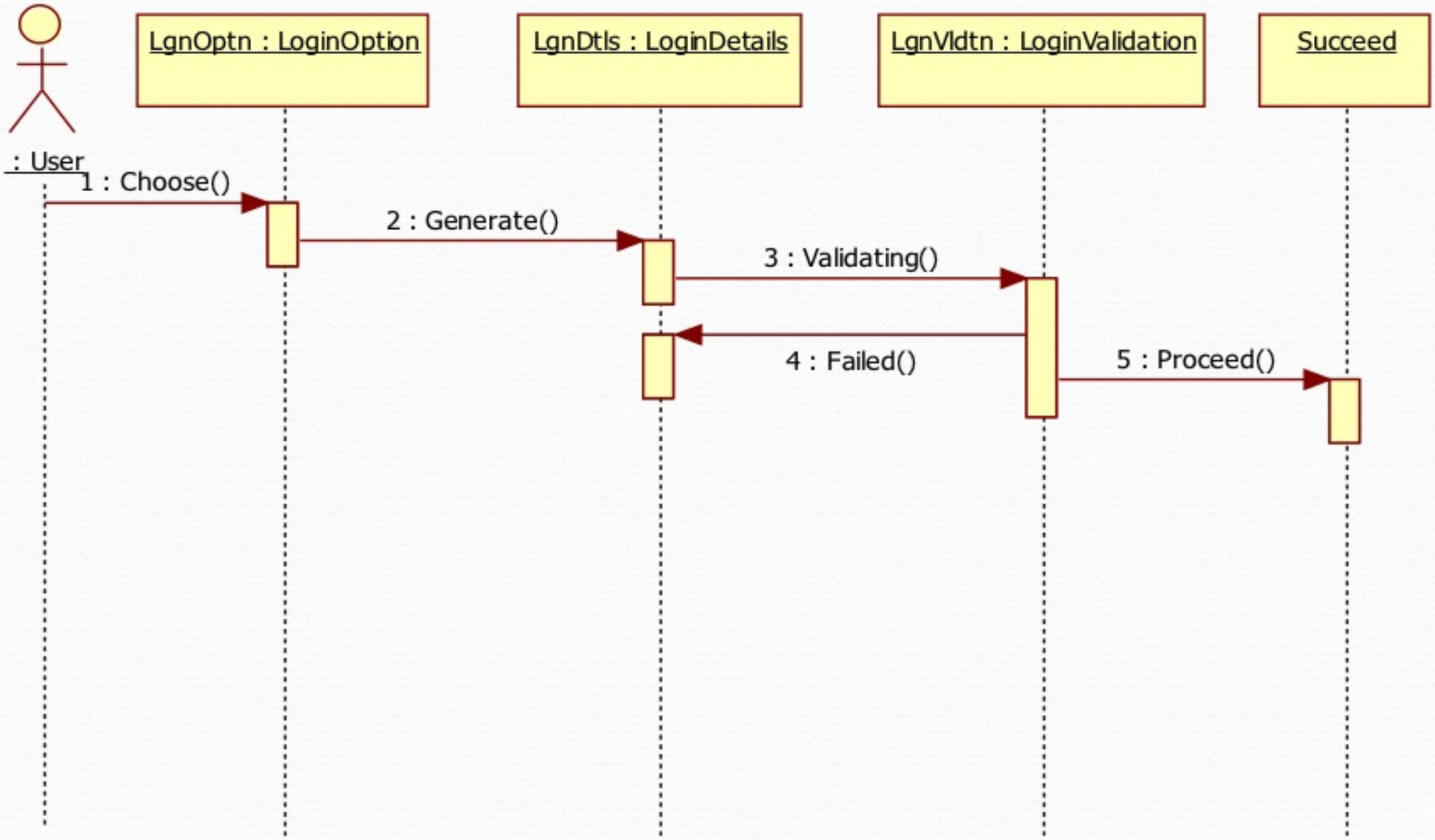


ADMINISTRATOR USE CASE DIAGRAM

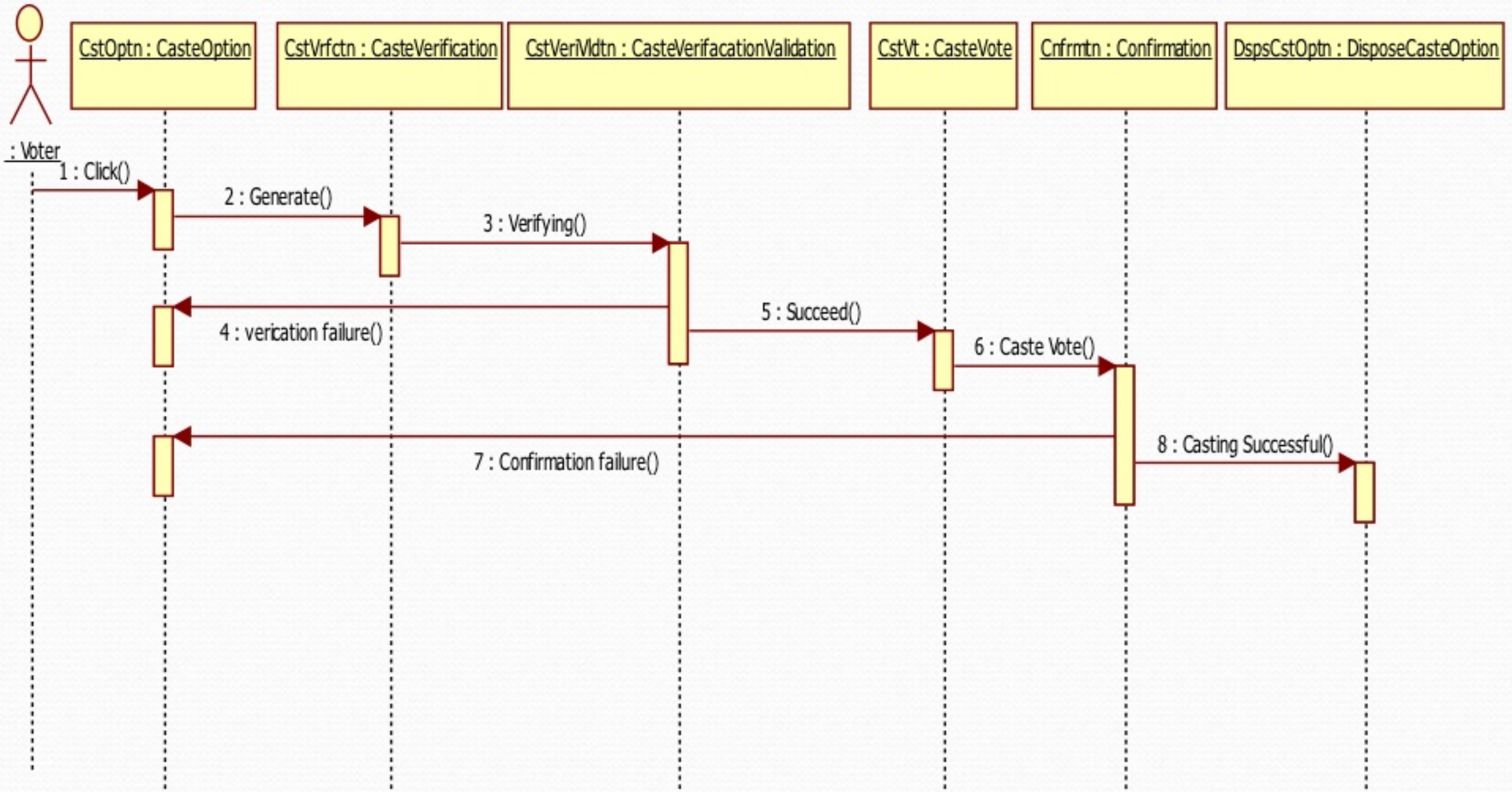


Sequence Diagrams of some of the processes are given below...

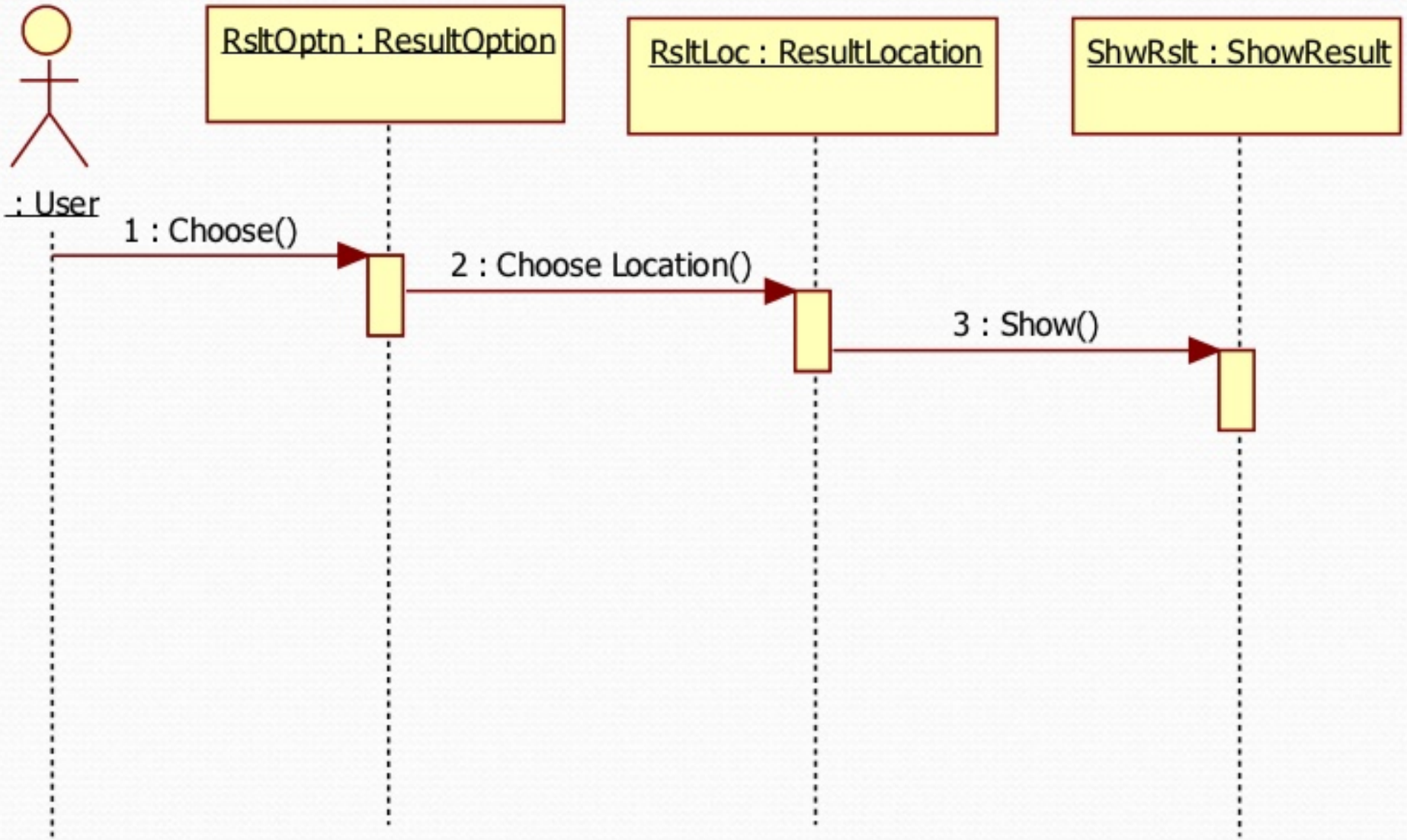
LOGIN PROCESS



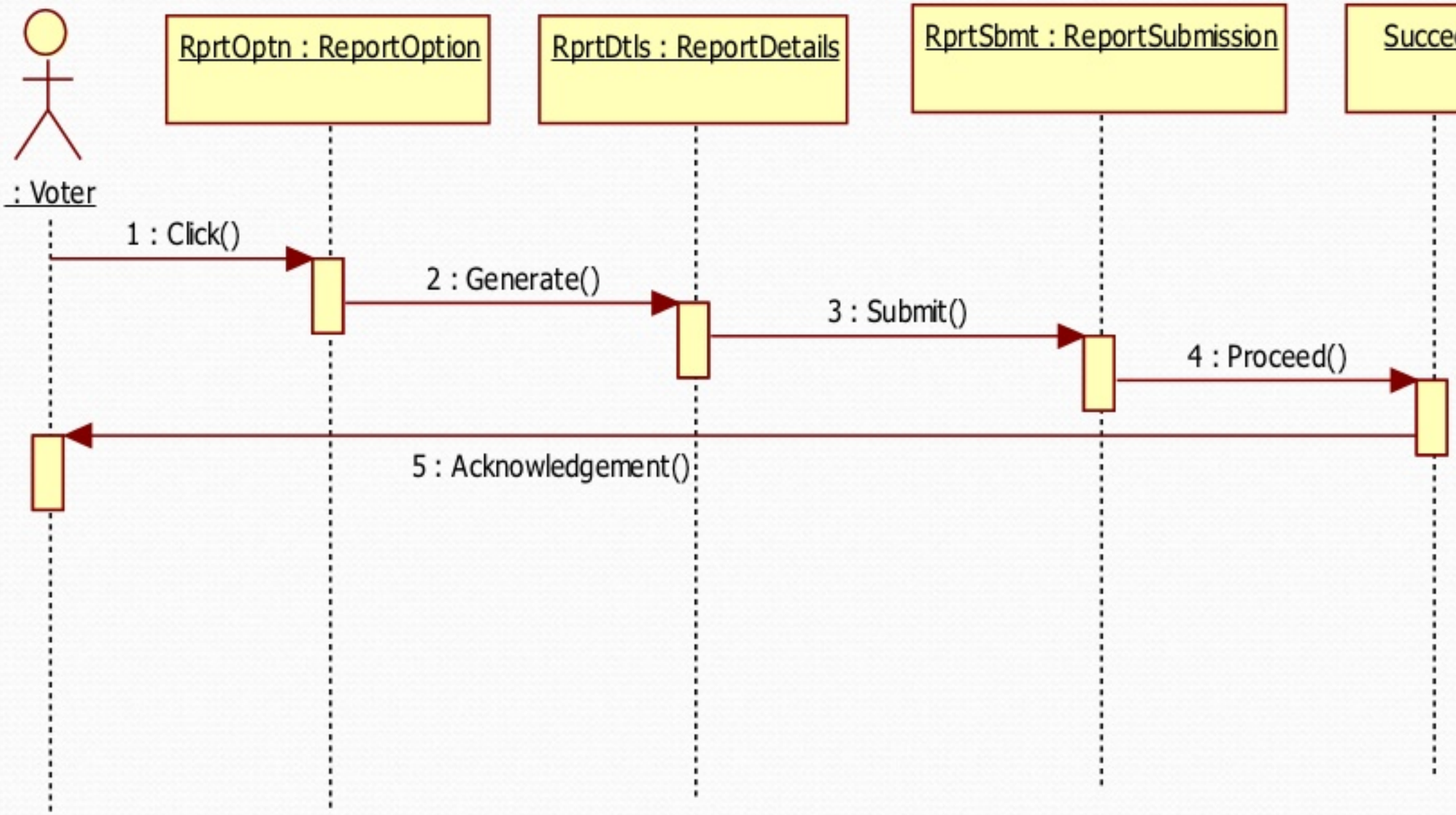
VOTING PROCESS



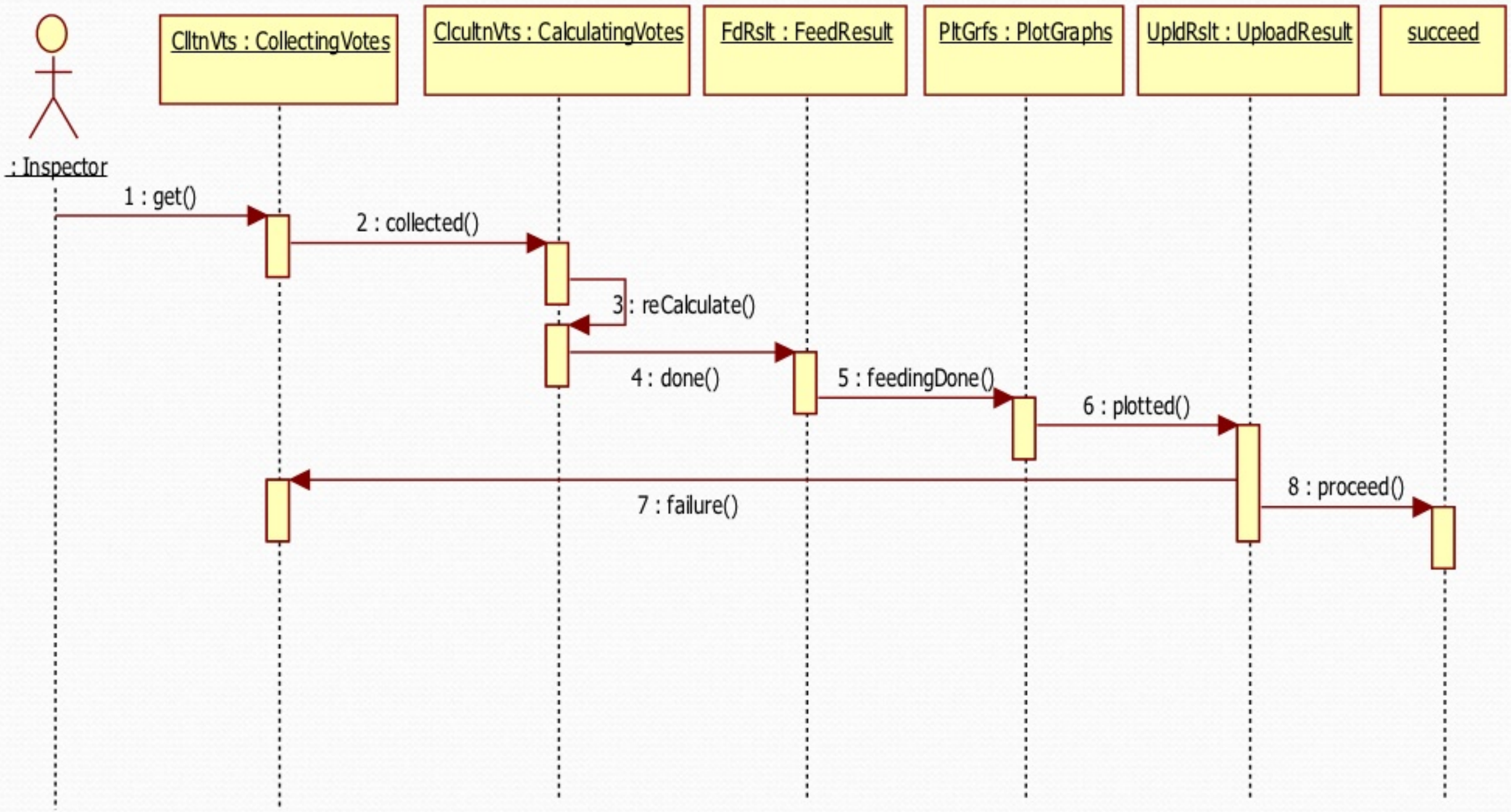
VIEWING RESULT



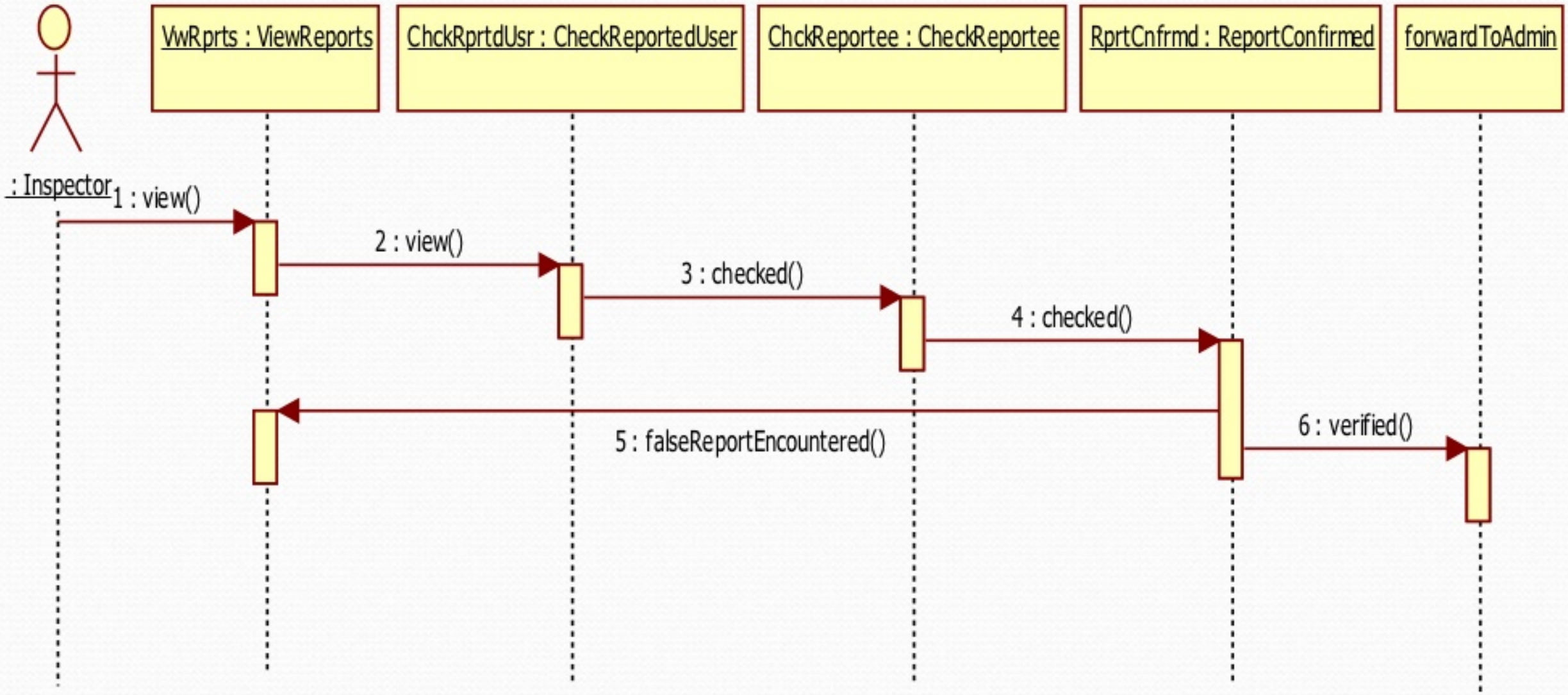
REPORTING SUSPECTED USER



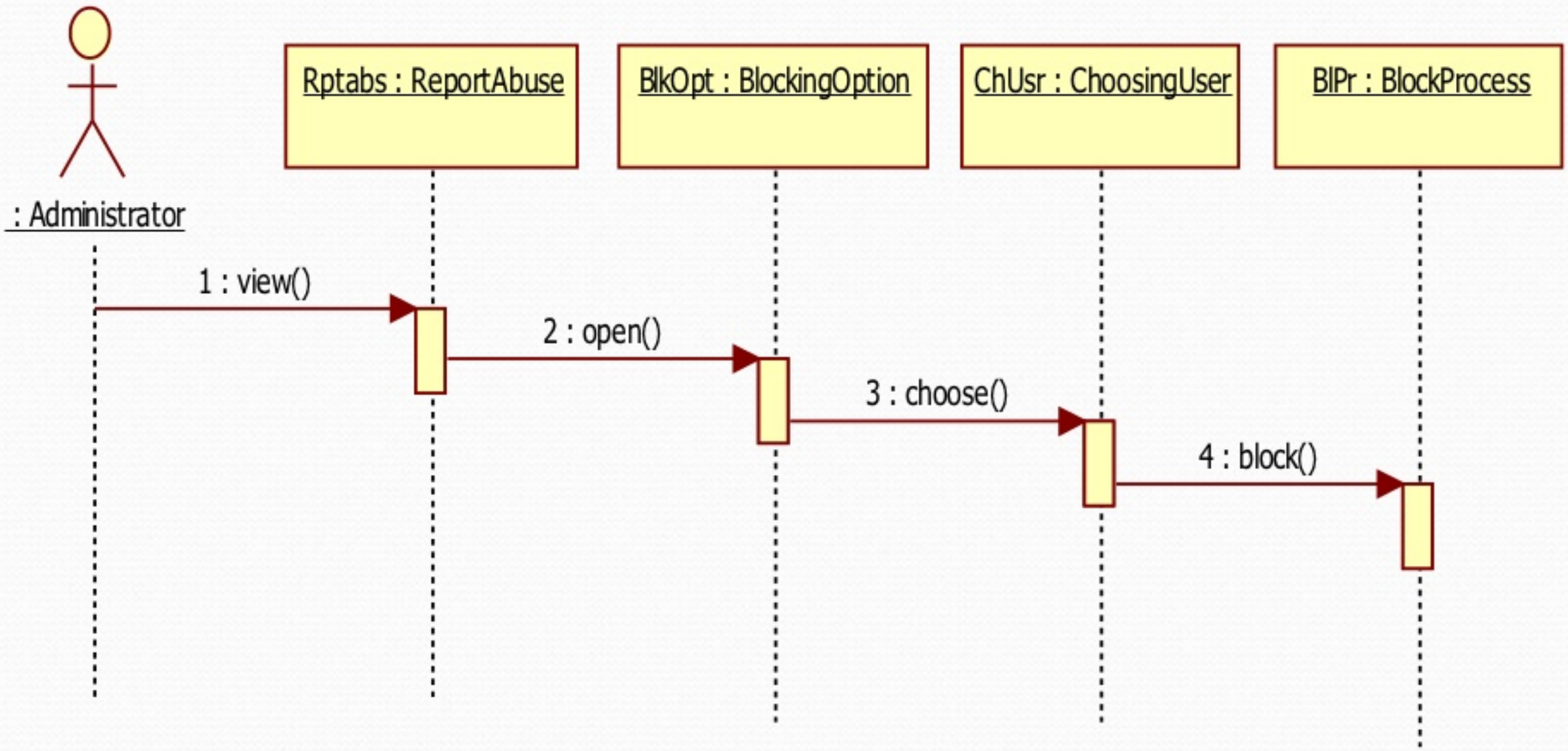
UPDATING RESULT



CHECKING SUSPECTED USER



BLOCKING USER PROCESS



TESTINGS PERFORMED

- ✓ System Test
- ✓ Performance Test
- ✓ Security Test
- ✓ Automated Test
- ✓ Stress and Volume Test
- ✓ Recovery Test
- ✓ Documentation Test
- ✓ Beta Test
- ✓ User Acceptance Test

Conclusion

- ✓ Security
- ✓ 24 x 7 Availability
- ✓ Better Component Design
- ✓ Flexible Architecture

Thank you...