

ANY TO-LET

Ahsanullah University of Science & Technology

Department of Computer Science & Engineering



ANY TO-LET

CSE 3224

Information System Design

&

Software Engineering Lab

Submitted By:

Solayman Hossain Emon	16.01.04.091
-----------------------	--------------

Nahid Hasan	16.01.04.106
-------------	--------------

Md Toasin Habib	16.01.04.107
-----------------	--------------

Date of Submission : **5 March, 2019**

MOTIVATION

- In manual to-let system the customers might be cheated by the broker's policy.
- Many To-let application doesn't contain the section for bachelor and female students.
- The customers can search their desired to-let product by filtering according to area, type and rental price.
- The main motive of developing our application is to give a more convenient and secure environment to users.

PRIMARY ACTORS

This Online To-let system involves with three types primary actors.

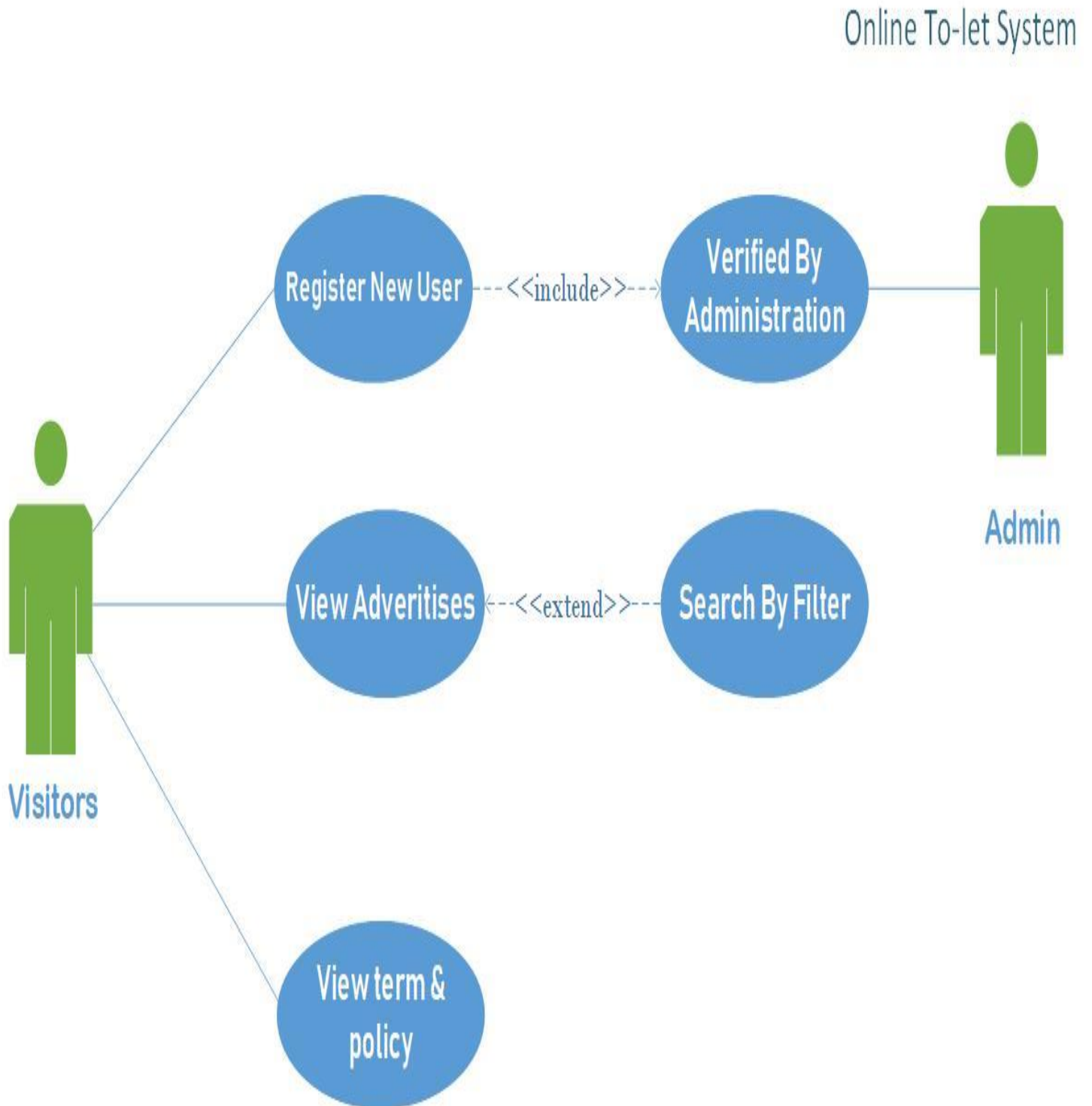
- Visitors
- Customers. In this system there are two type of Customers.
 - ✓ Renters
 - ✓ Product owners

SECONDARY ACTORS

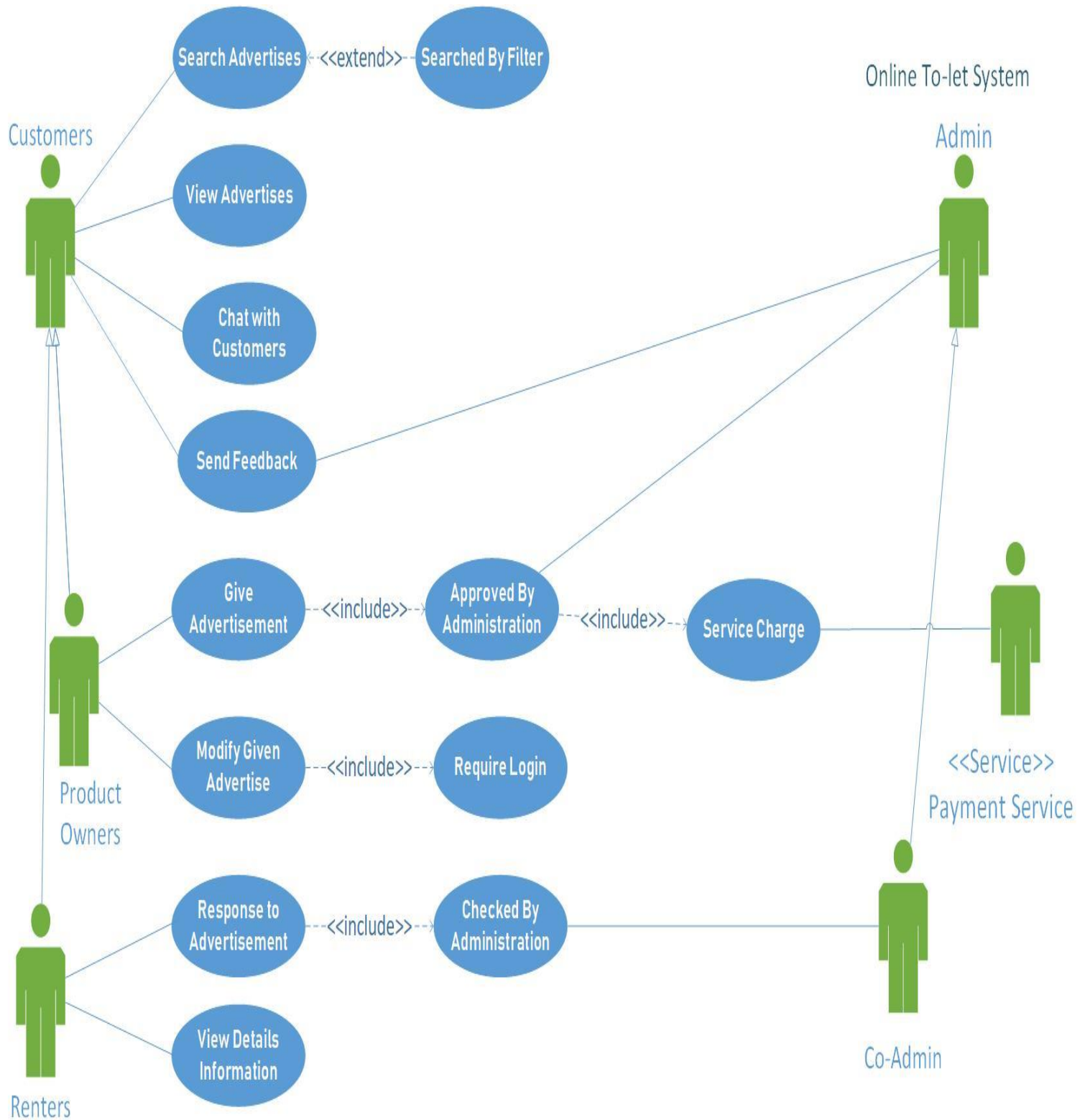
This Online To-let system involves with three types secondary actors.

- Administrator
- Co-Admin
- Payment Service

USE CASE DIAGRAM OF VISITORS



USE CASE DIAGRAM OF CUSTOMERS



CLASS ATTRIBUTES AND METHODS

Users

- name: String
- address: String
- phone: String

+ getInfo(): String

User Account

- userID: int
- password: String
- creditCardNo: int

+ getID: int
+ getPassword(): String

Product Owners

- P.id

+ getRating()

Renters

- R.id

+ getRating()

Admin

- adminID: int
- adminPassword: String
- adminType: String

+ verify(): String

Advertises

- advertiseID: int
- advertiseDate: String
- advertiseType: String
- advertiseStatus: String
- userID: int
- rentPrice: int

+ getAd(): String

Item Categories

- name: String
- category: String
- location: String

-memberName

Service Charge

- serviceID: int
- name: String
- charge: double

+chargeCalc(): double

Communication

- P.id
- R.id
/ msg: String

+ getMsg(P.id,R.id): String

Modification Request

- requestID: int
- userID: int
/ msg: String

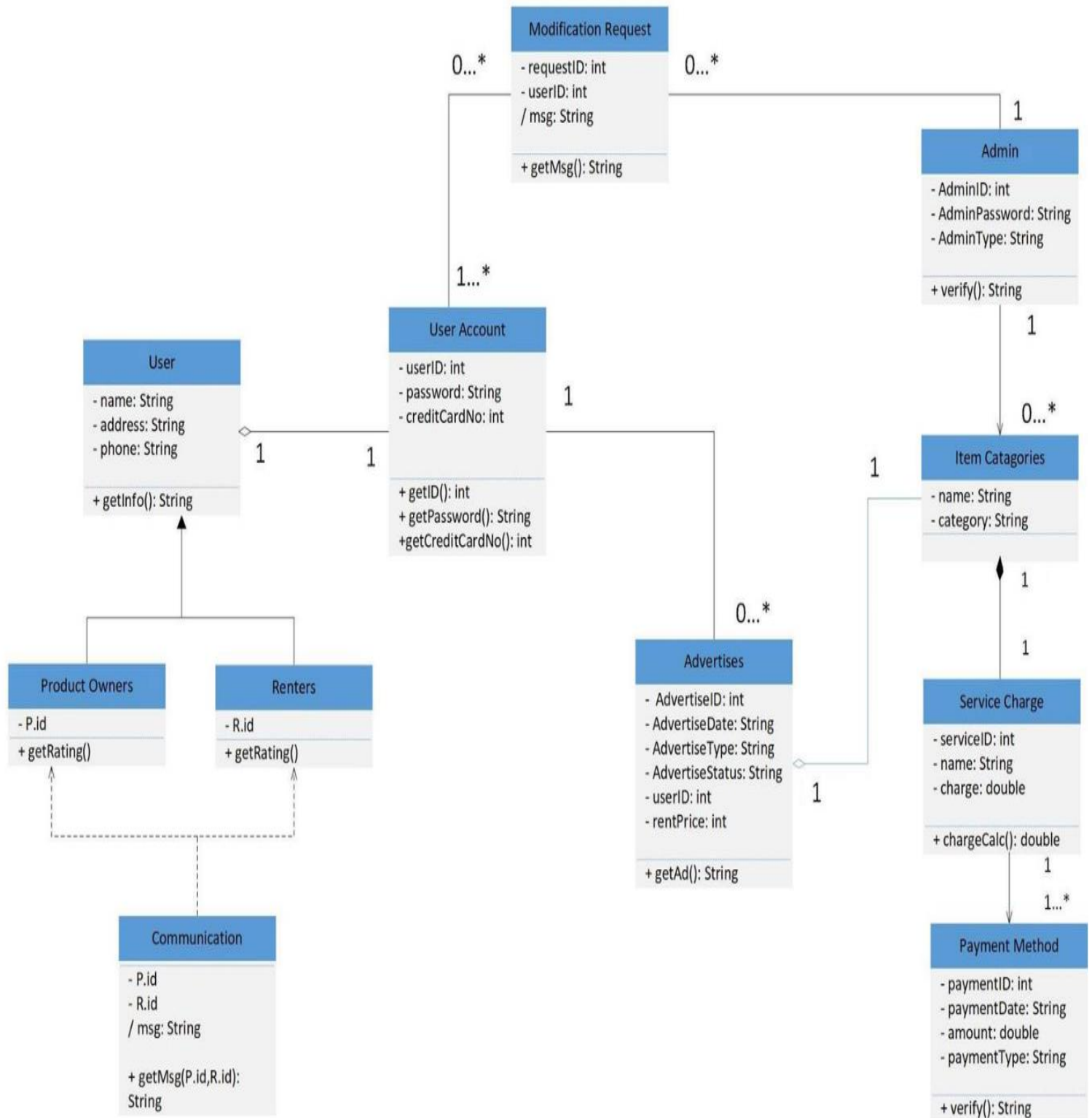
+ getMsg(): String

Payment

- paymentID: int
- paymentDate: String
- amount: double
- paymentType: String

+ verify(): String

CLASS DIAGRAM



CONCLUSION

From the above discussion, We visualize the online to-let system using the graphical language called UML (Unified Modeling Language). The interaction of the actors to the online system is specified . From the class diagram, we identify classes and relation among them according to our desired requirements.

