Hall Management System

Class and Collaboration Diagram

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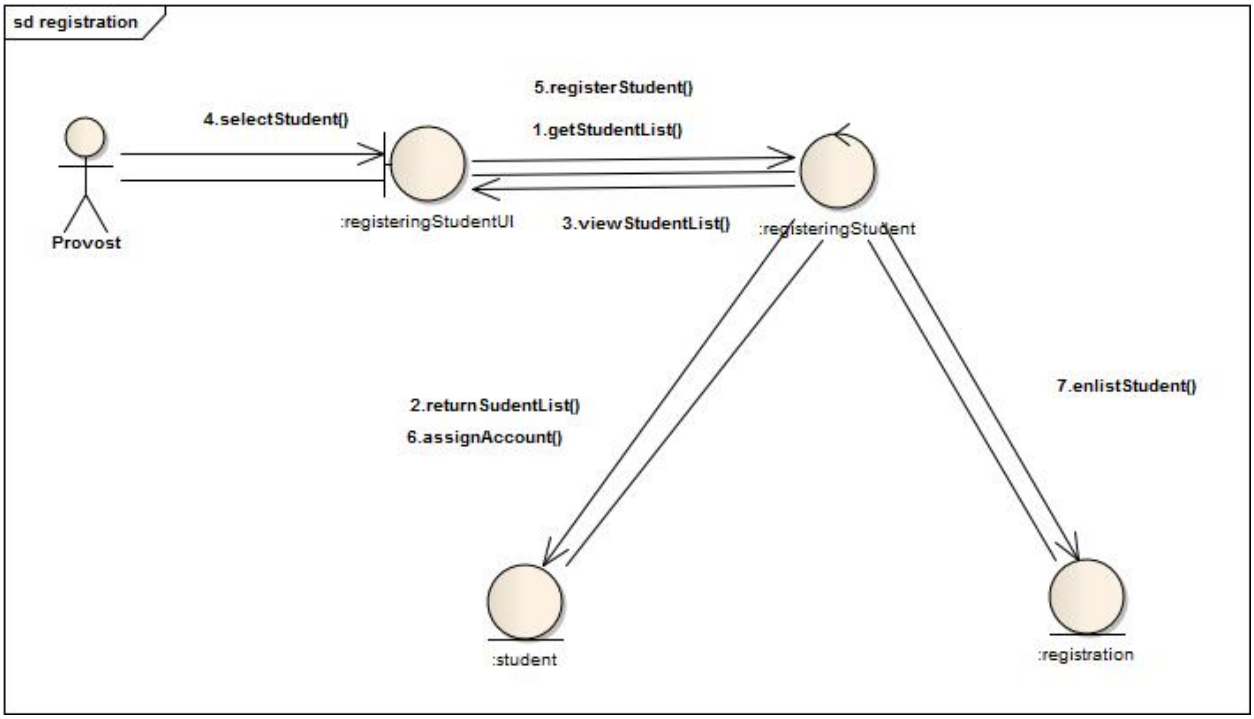
Subsystem

- Organized student information
- Dining management system
- Application and complaint system
- Notice Board

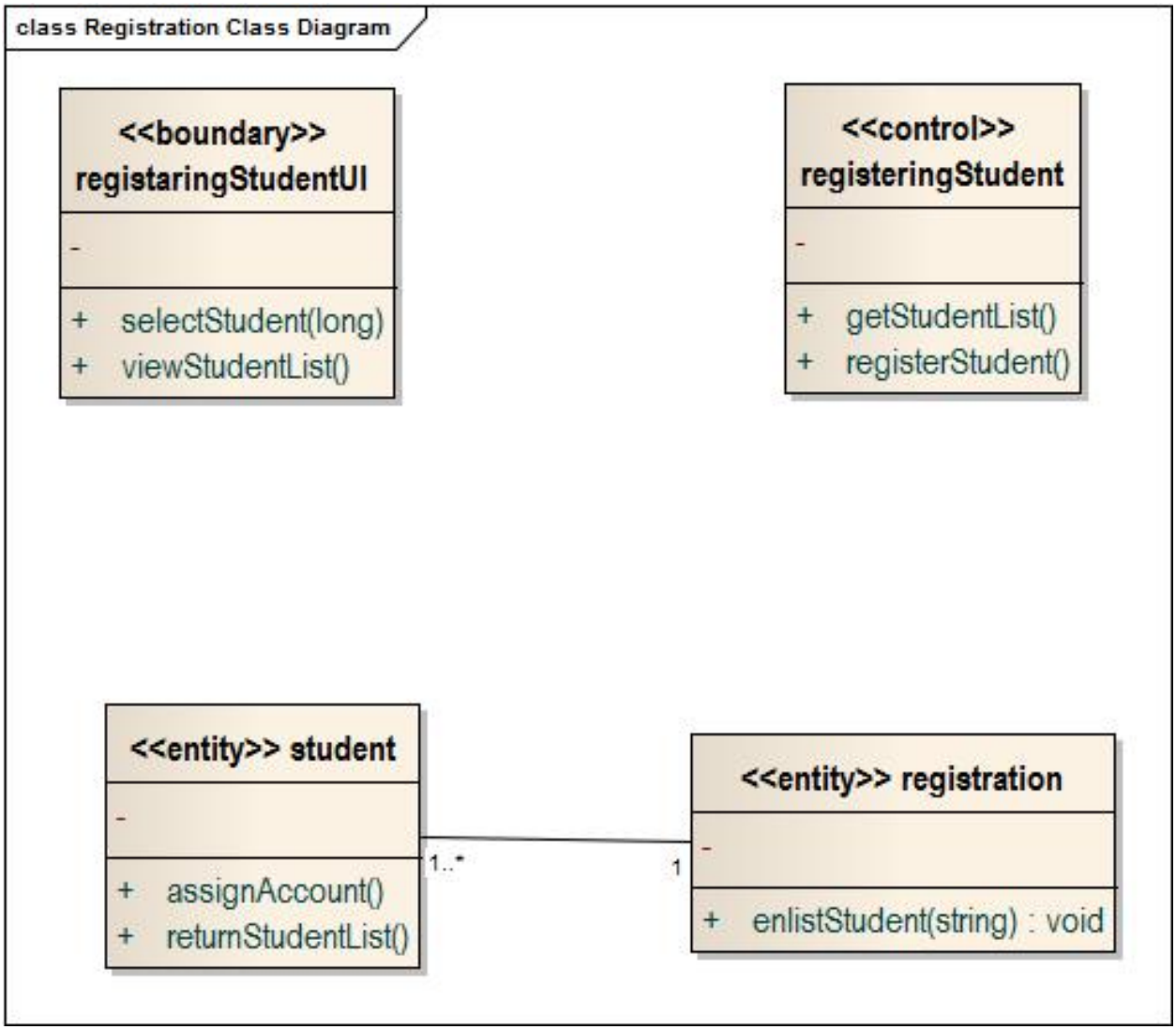
1. Organized student information

1.1 Registration:

Collaboration diagram:

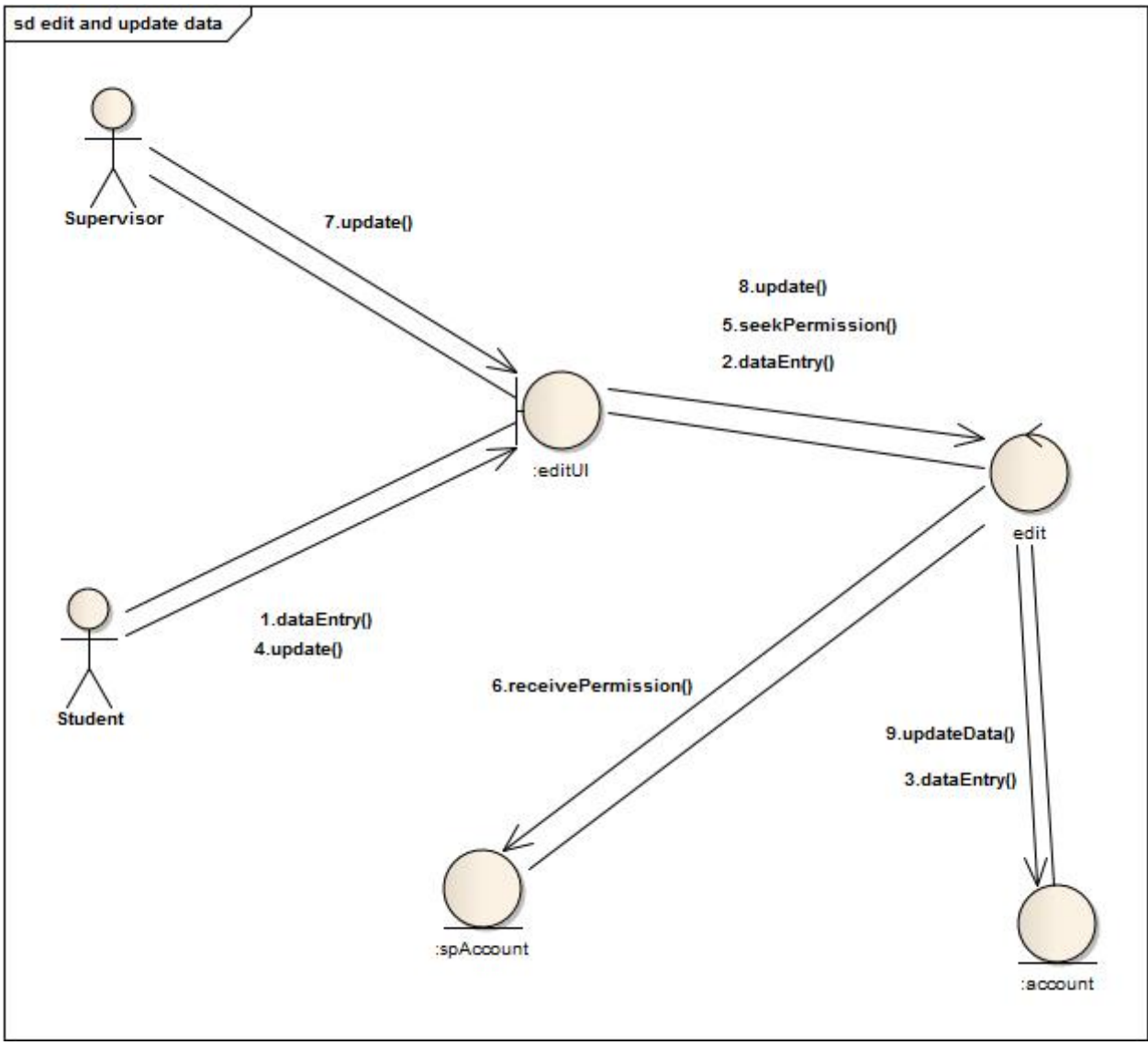


Class diagram:

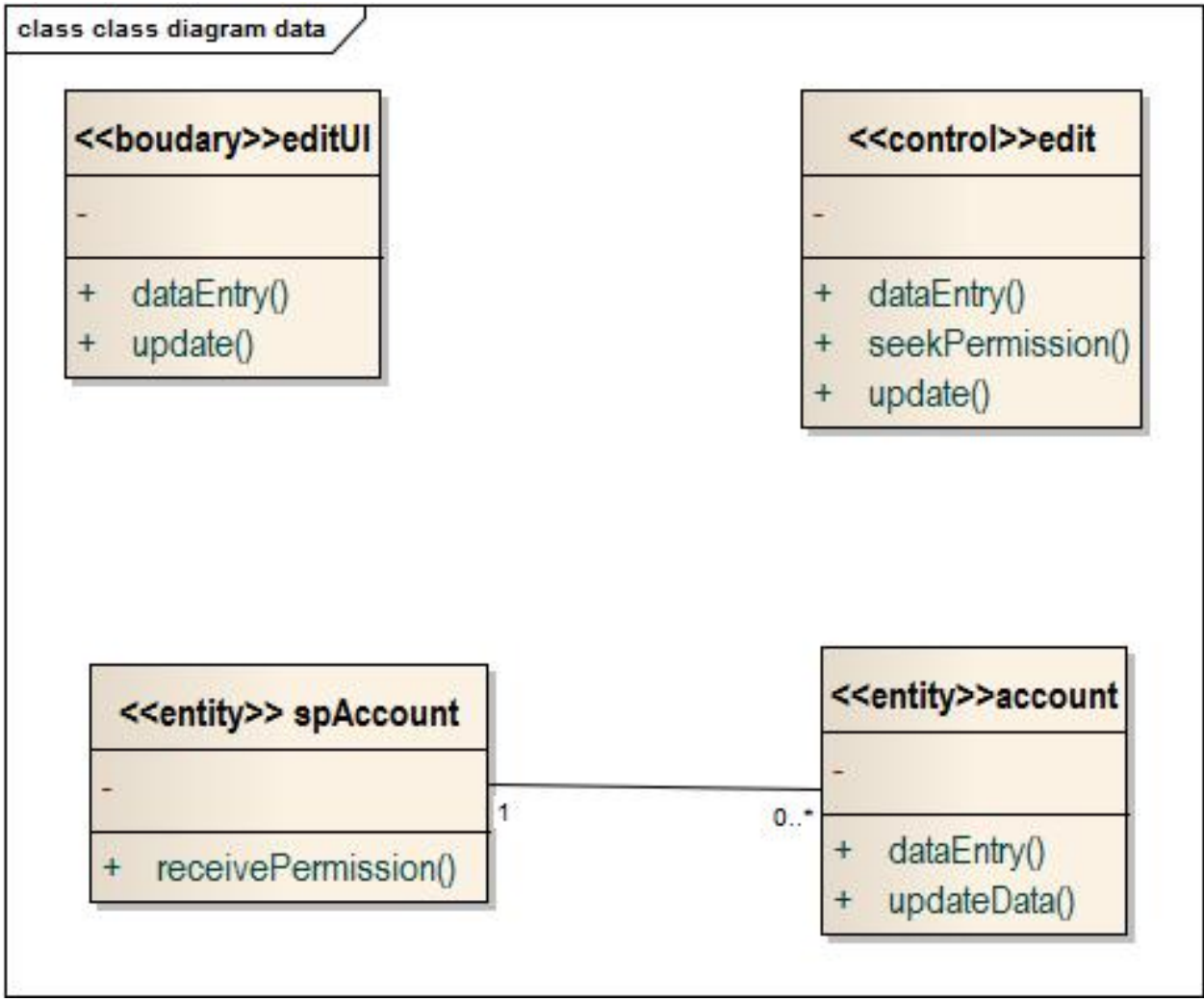


1.2 Entering and updating data

Collaboration diagram:

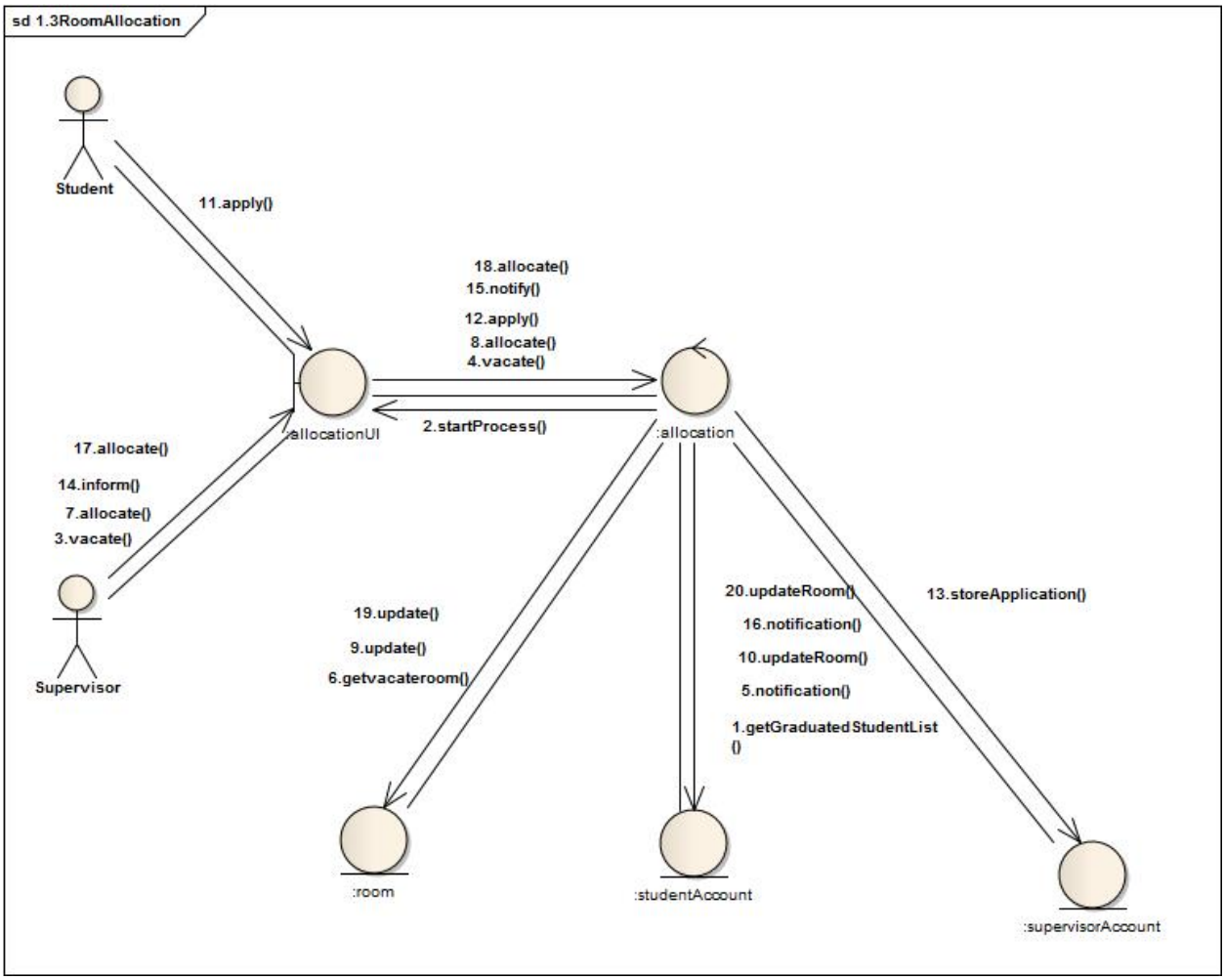


Class diagram:

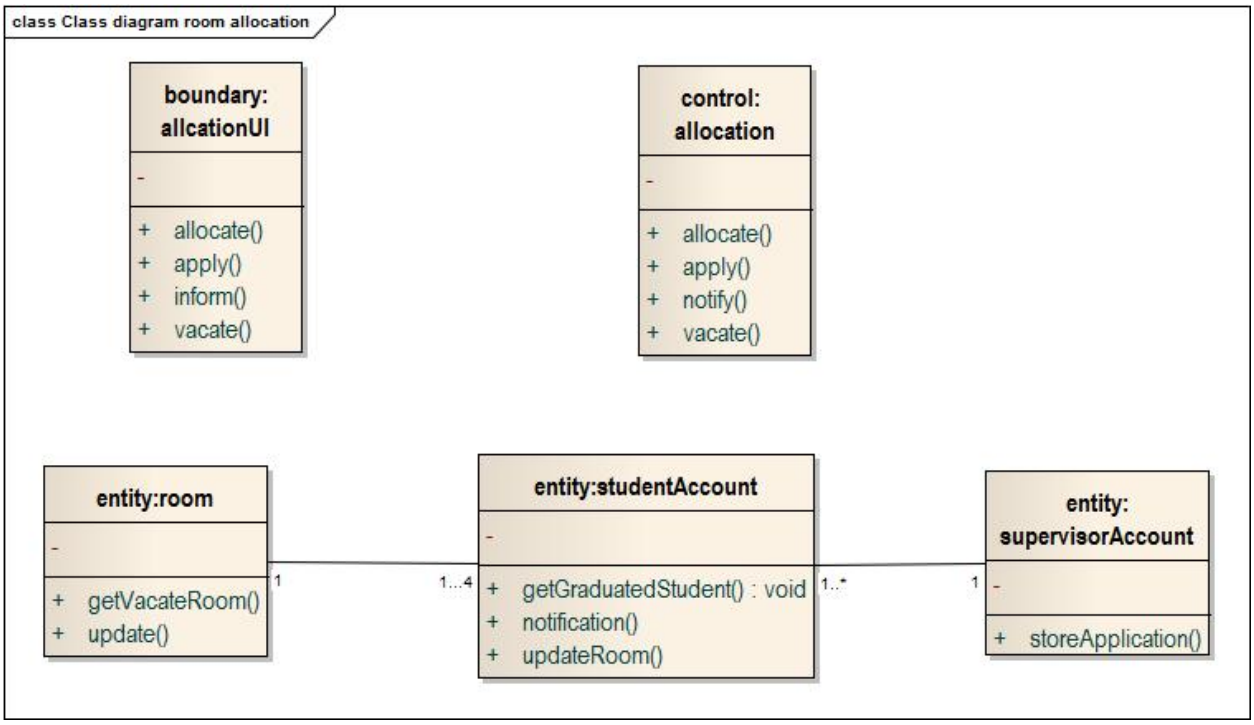


1.3 Room allocation

Collaboration diagram:

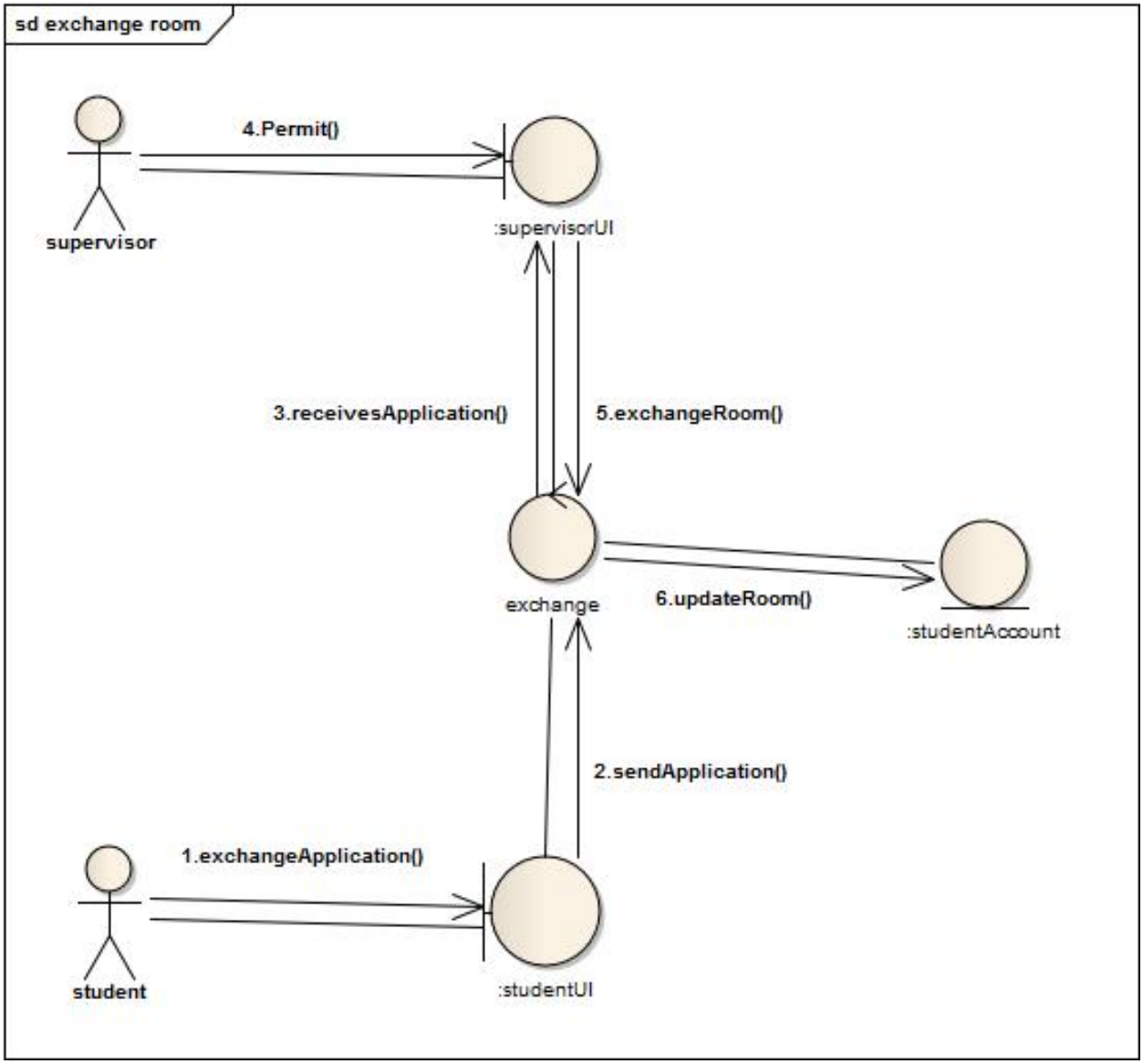


Class diagram:

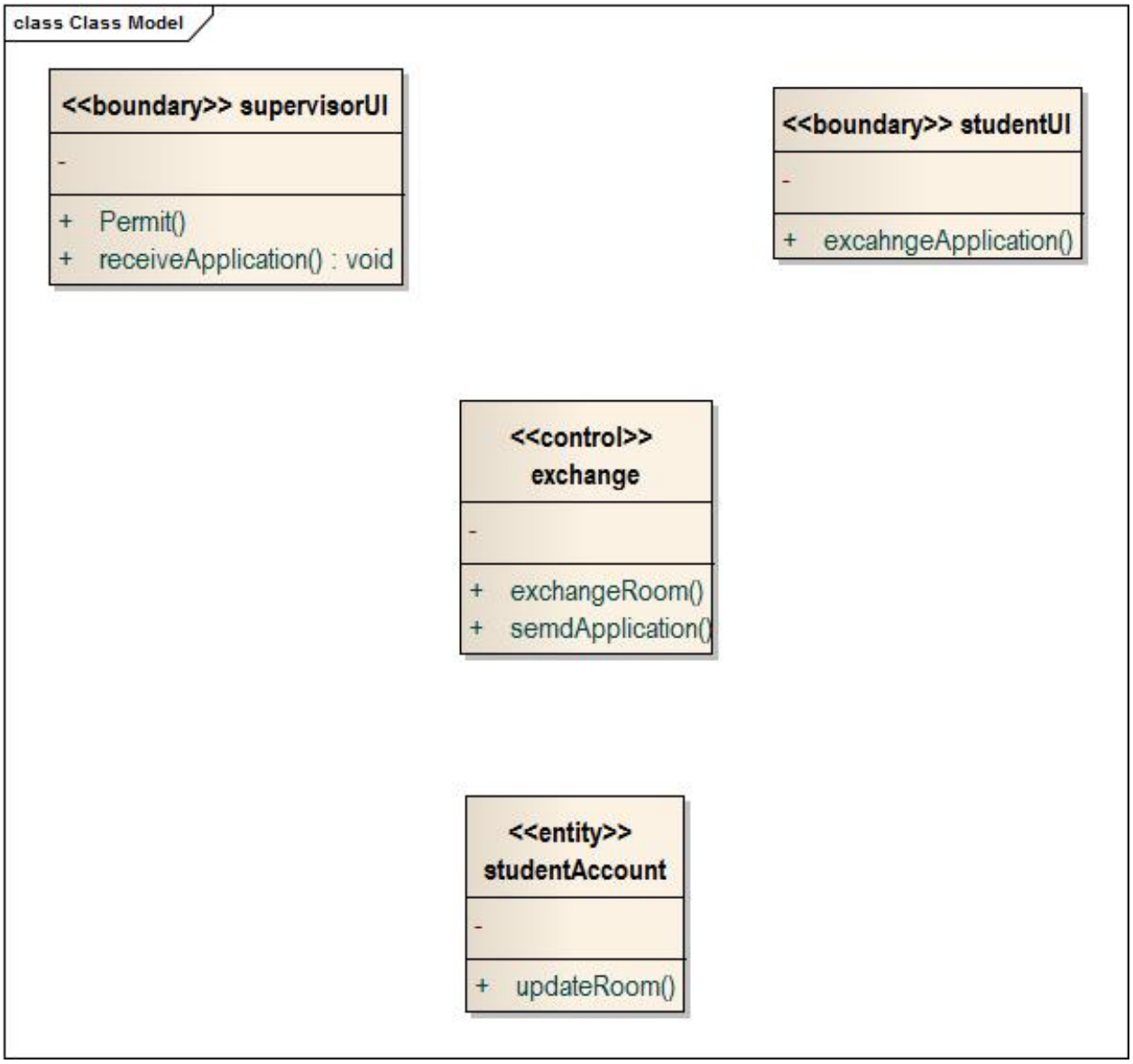


1.4 Room exchange

Collaboration diagram:



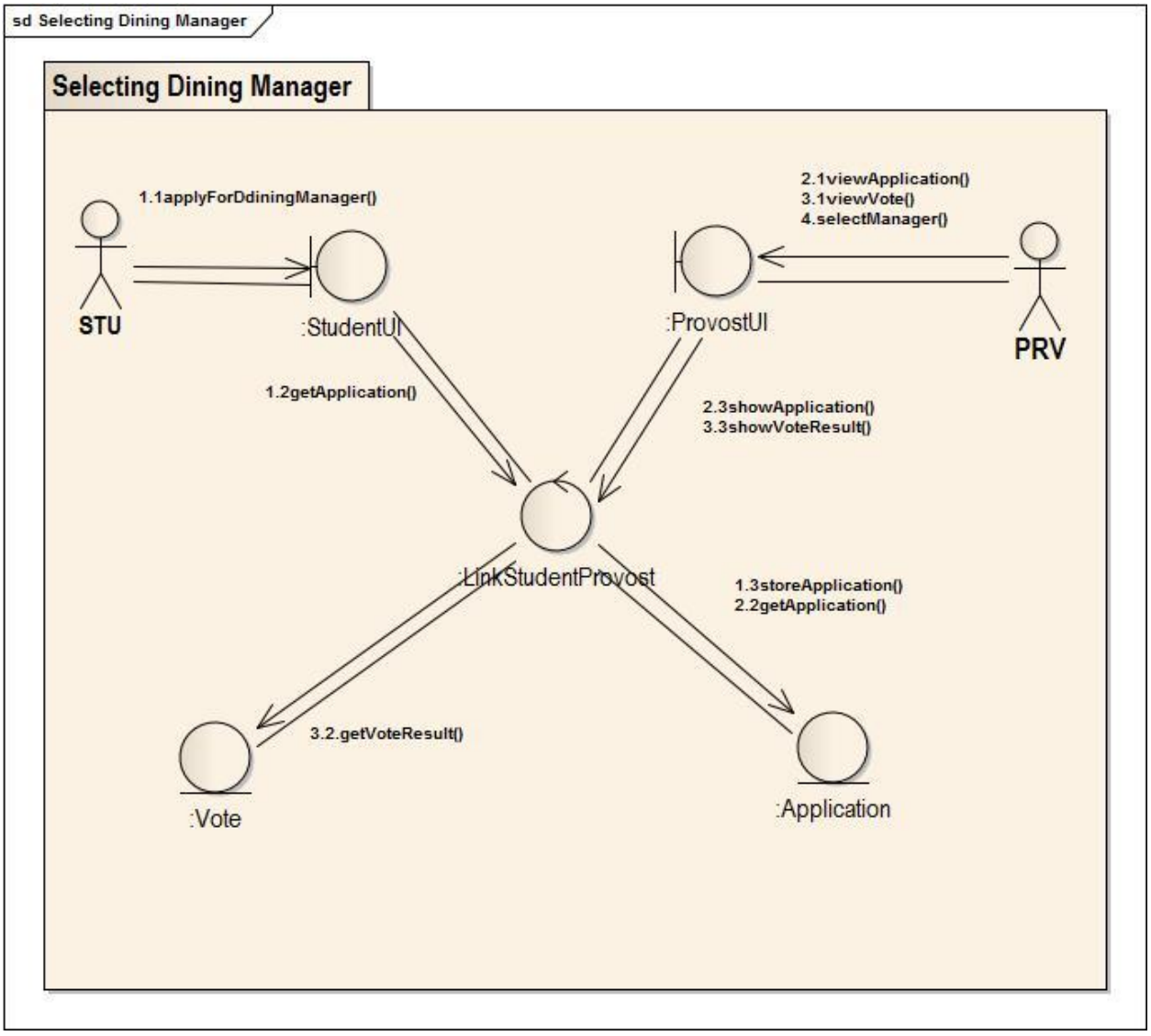
Class diagram:



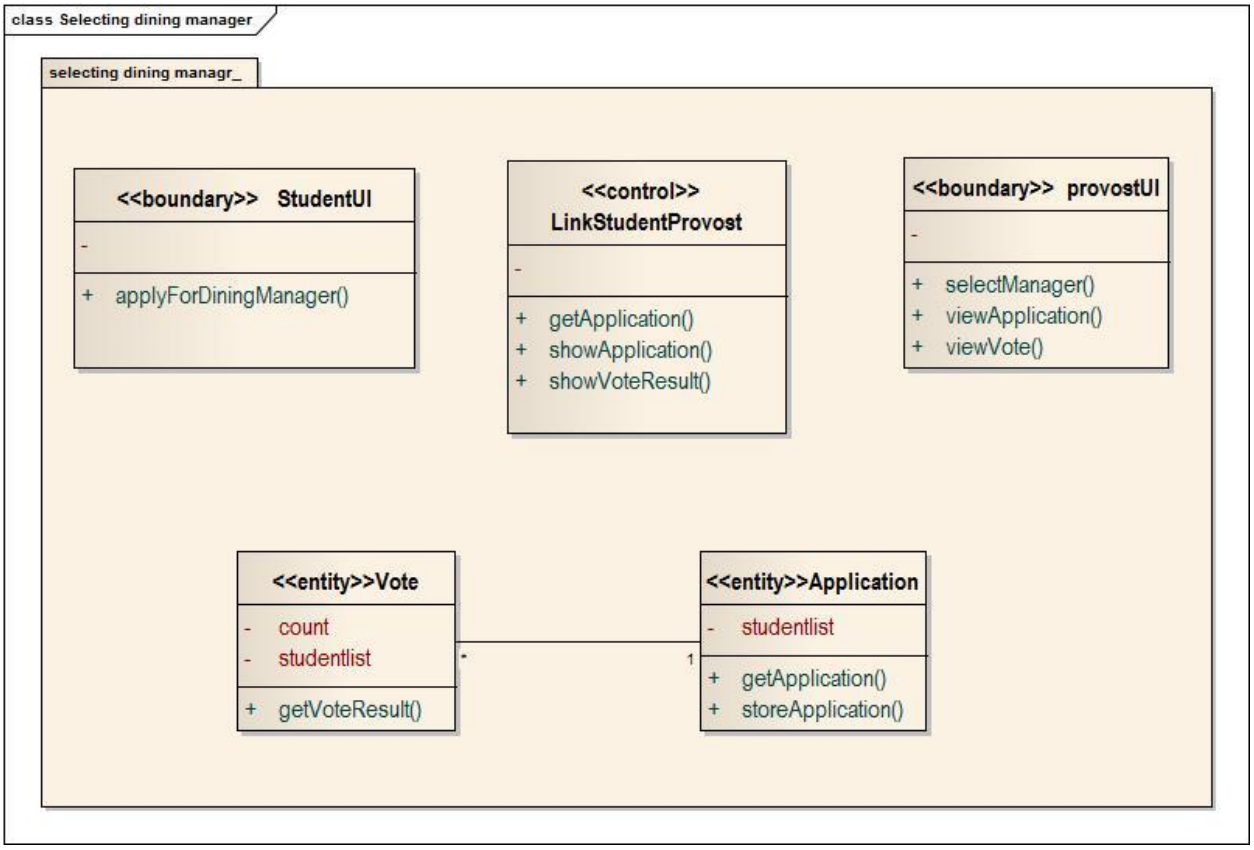
2. Dining management system

2.1 Selecting dining manager

Collaboration diagram:

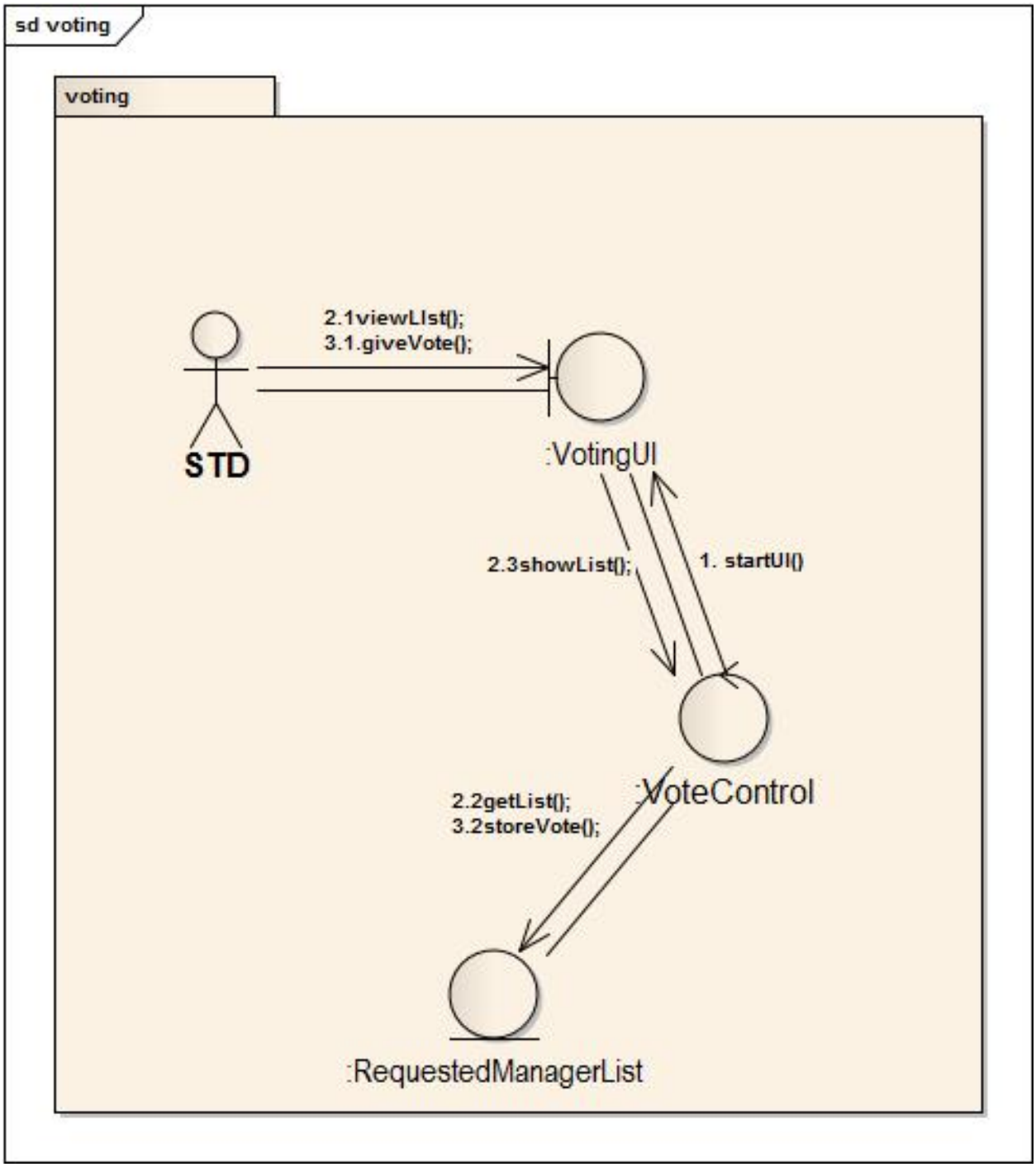


Class diagram:

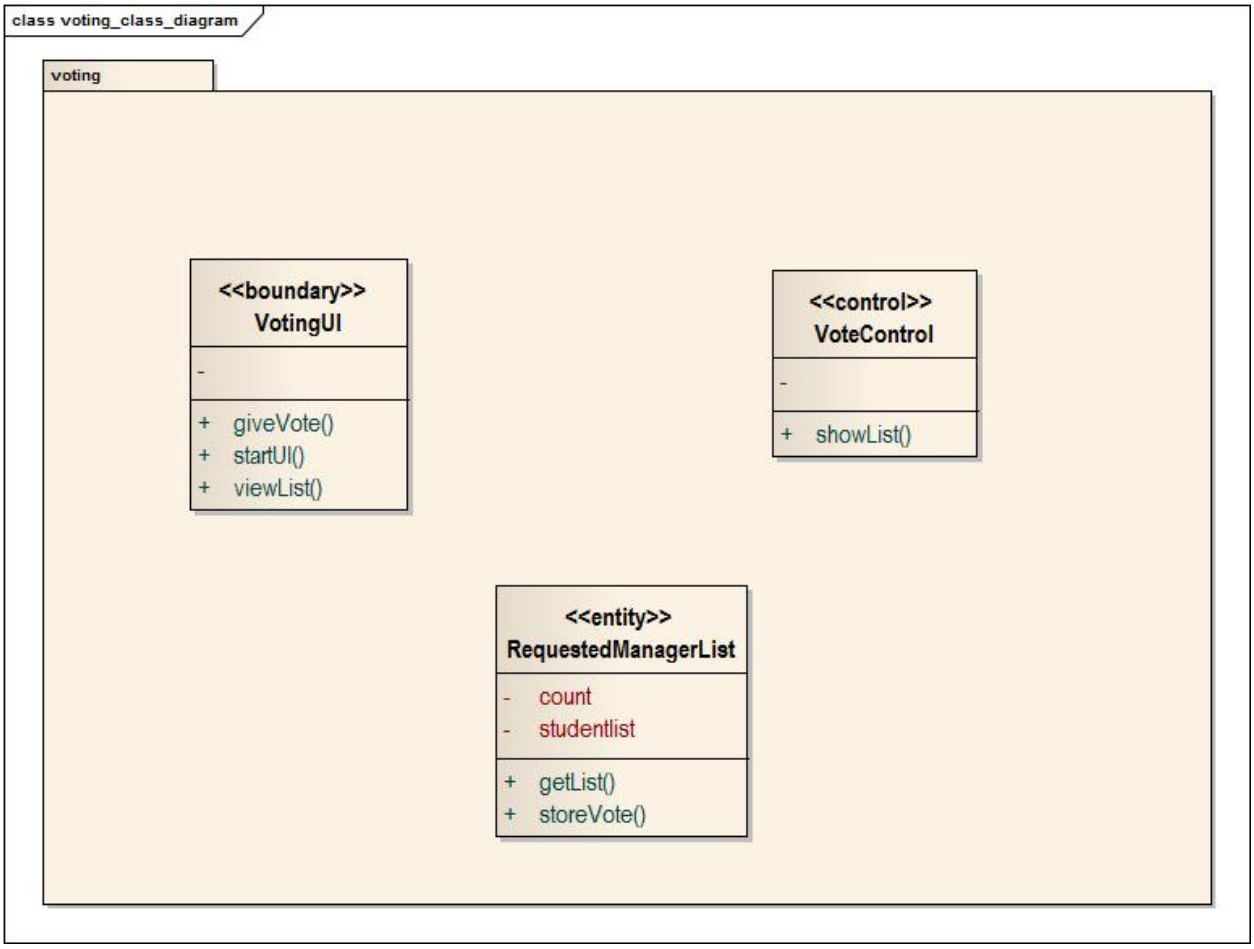


2.2Voting

Collaboration diagram:

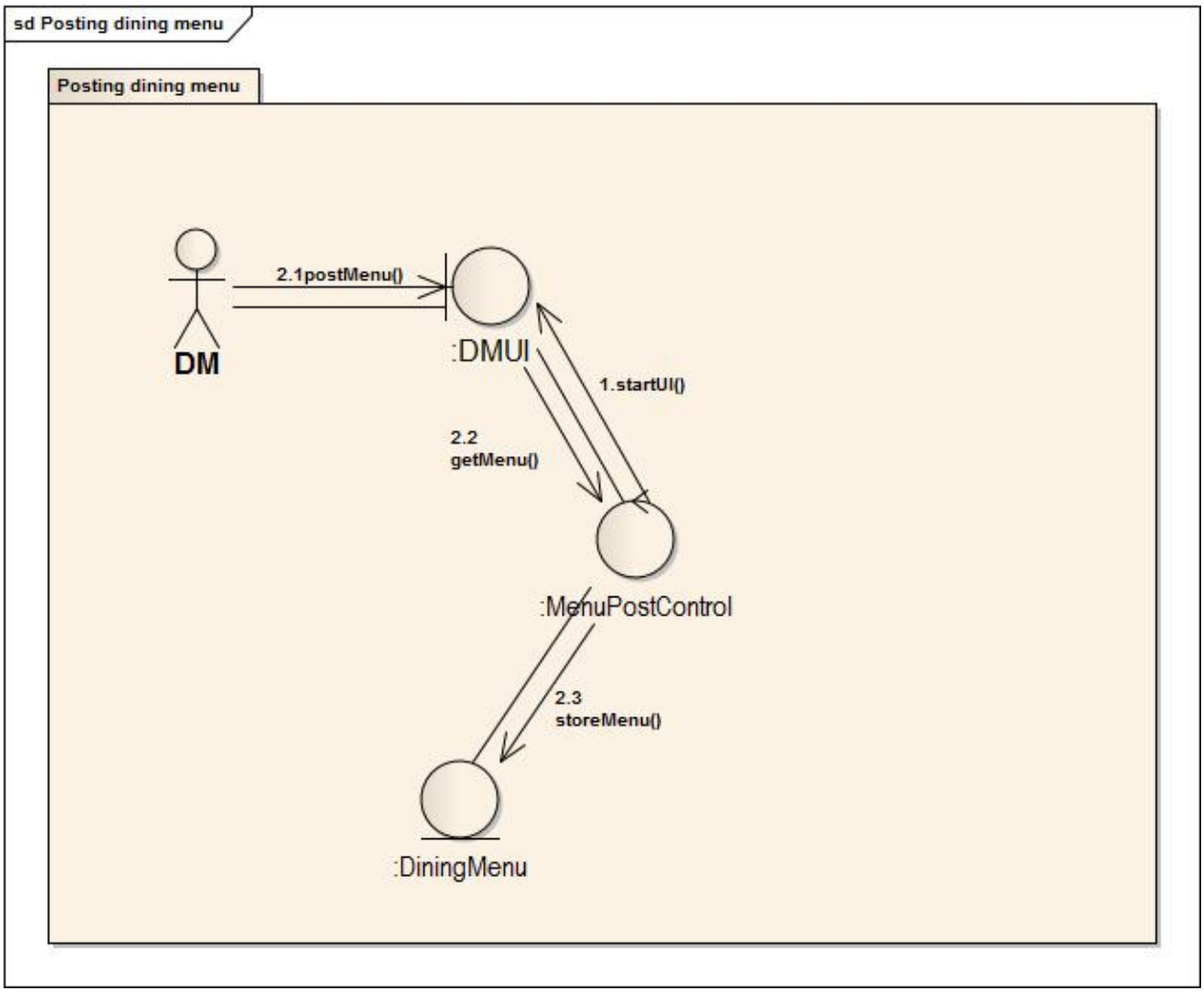


Class diagram:



2.3 Posting dinig menu

Collaboration diagram:



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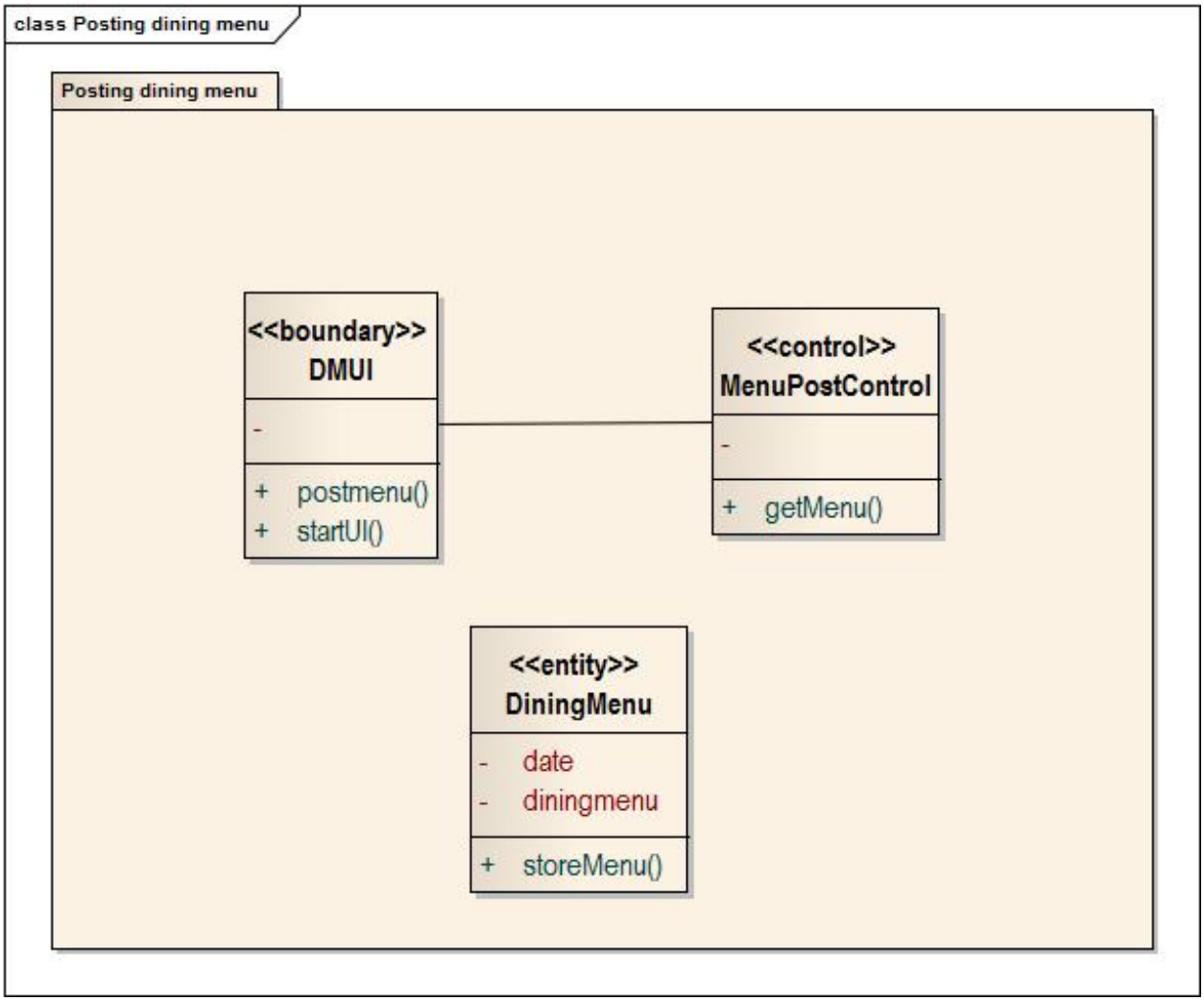
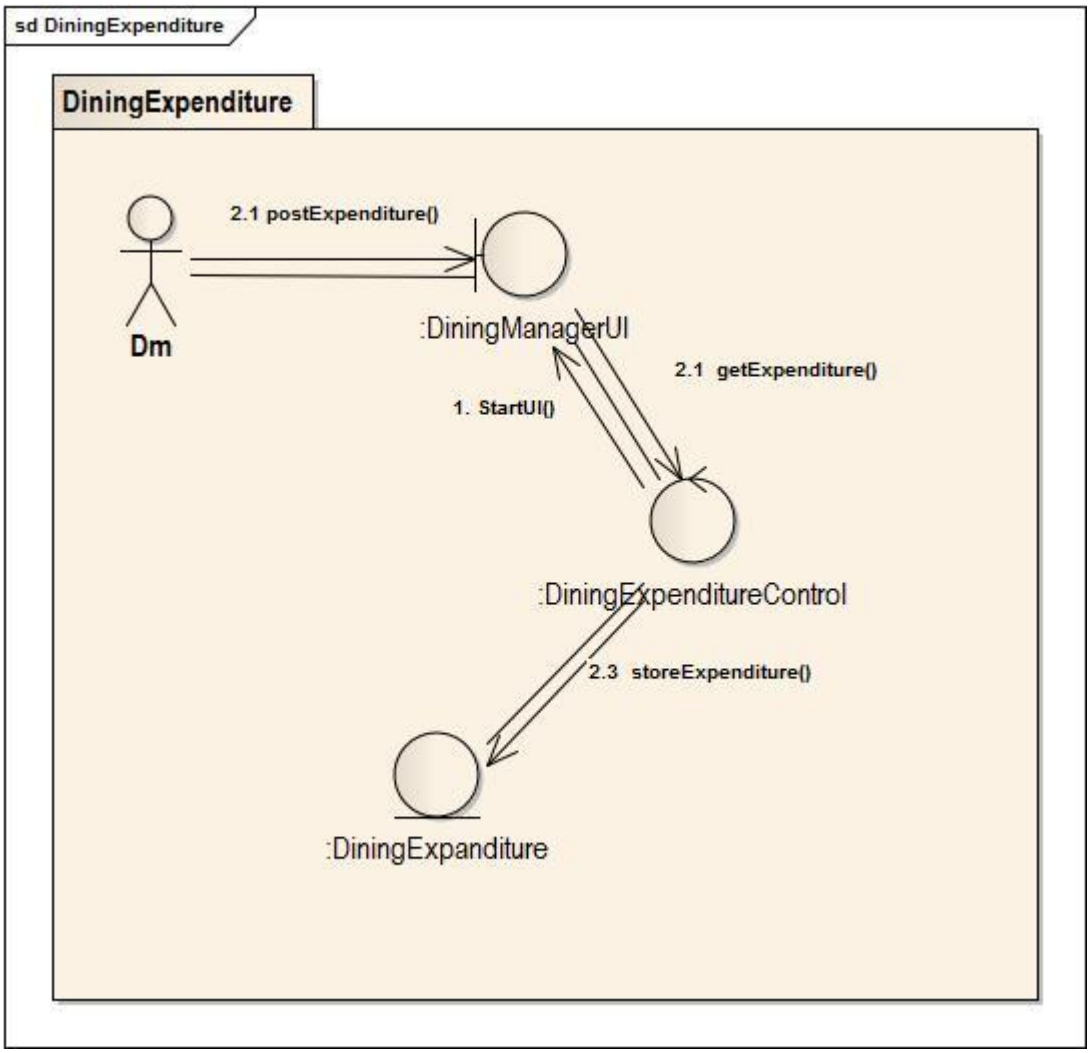
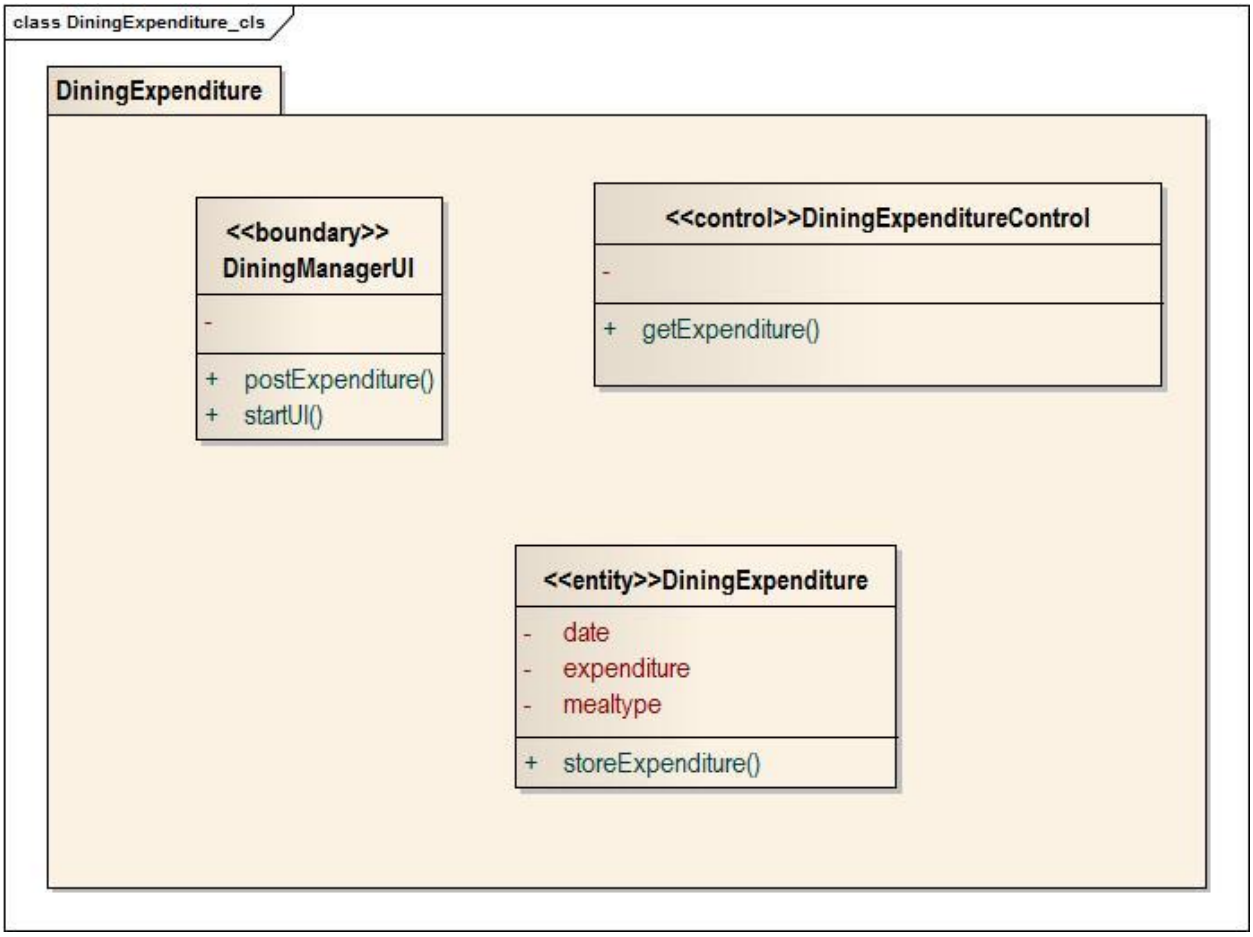


2.4 Dining expenditure

Collaboration diagram:

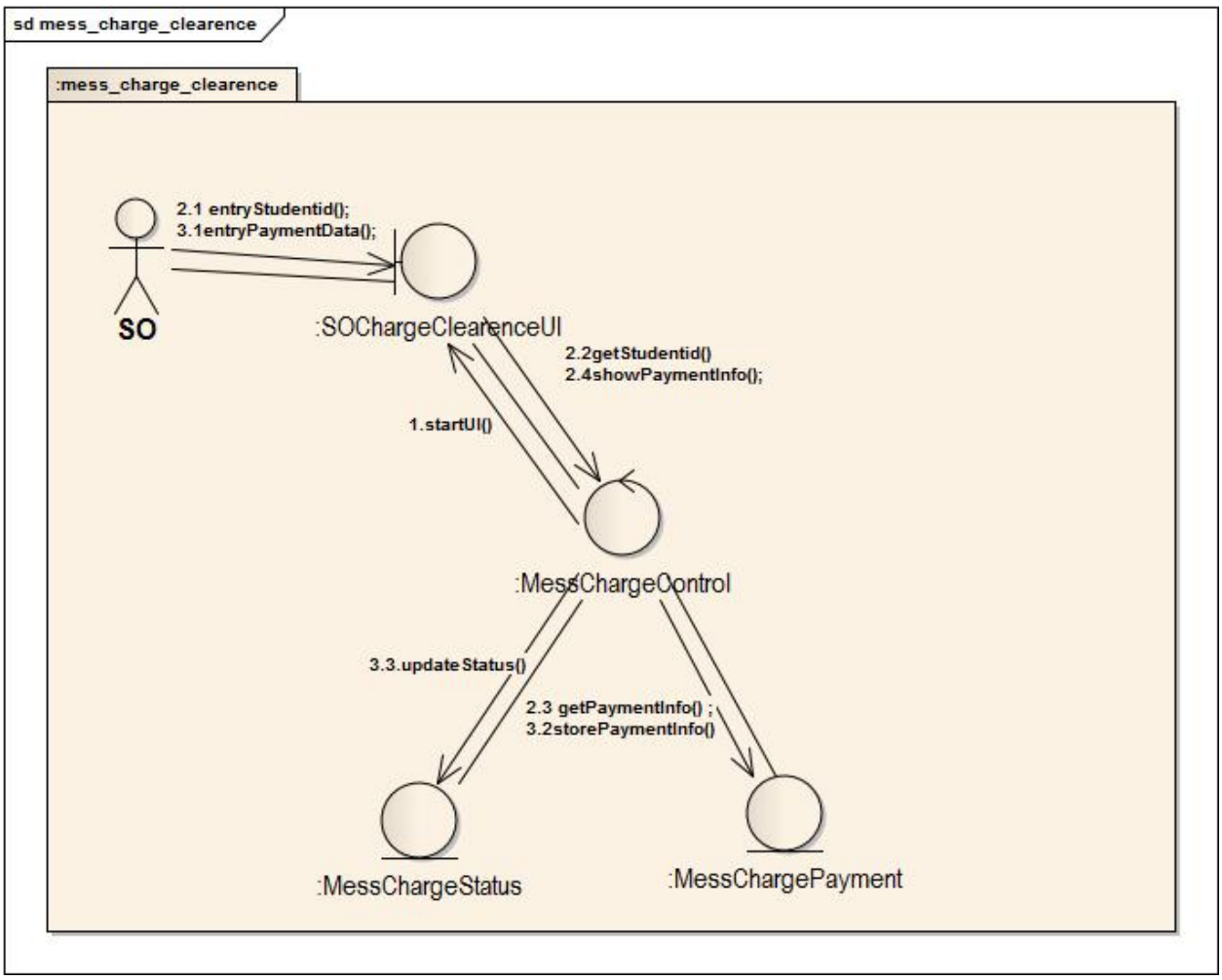


Class diagram:

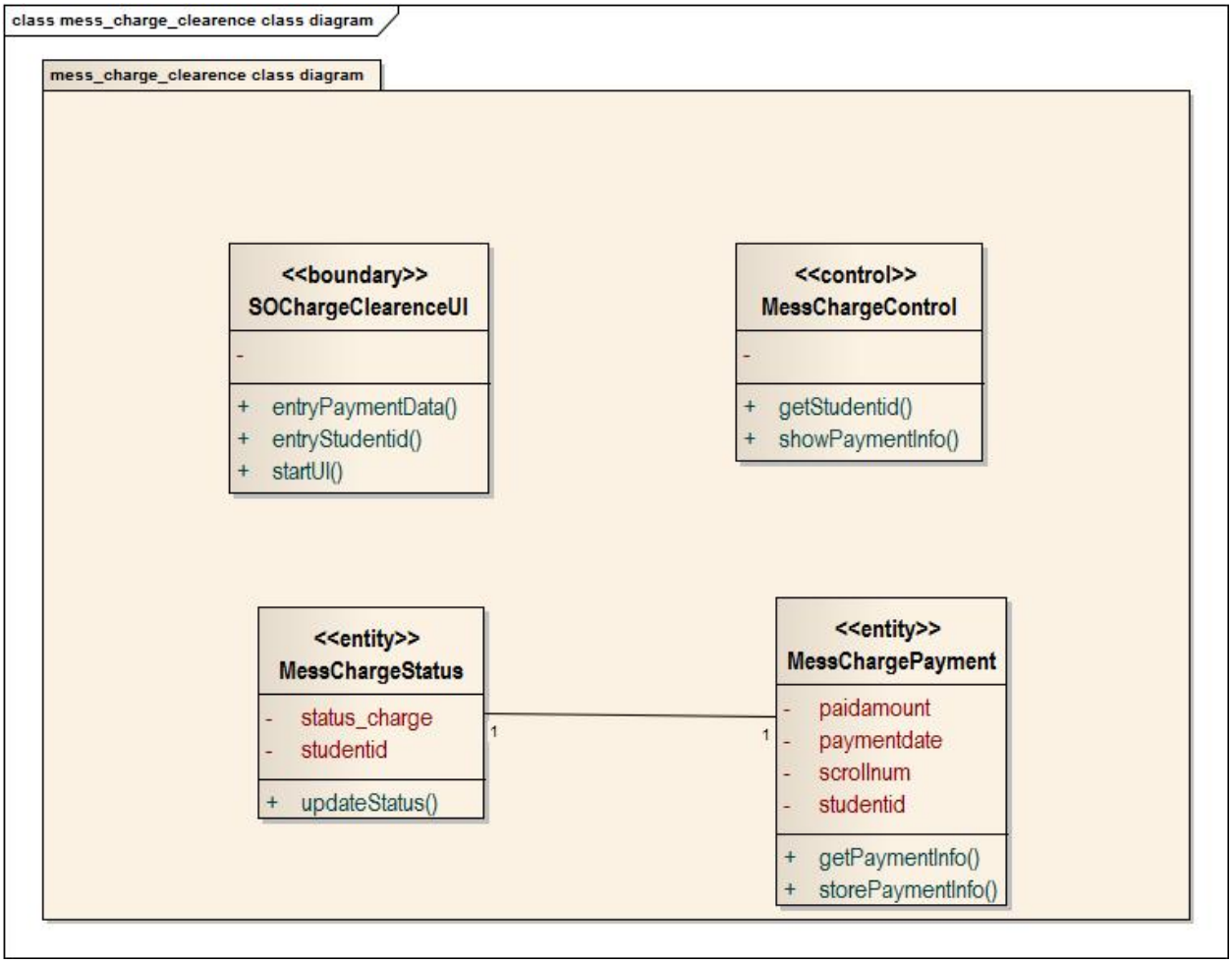


2.5 Mess charge Clearance

Collaboration diagram:

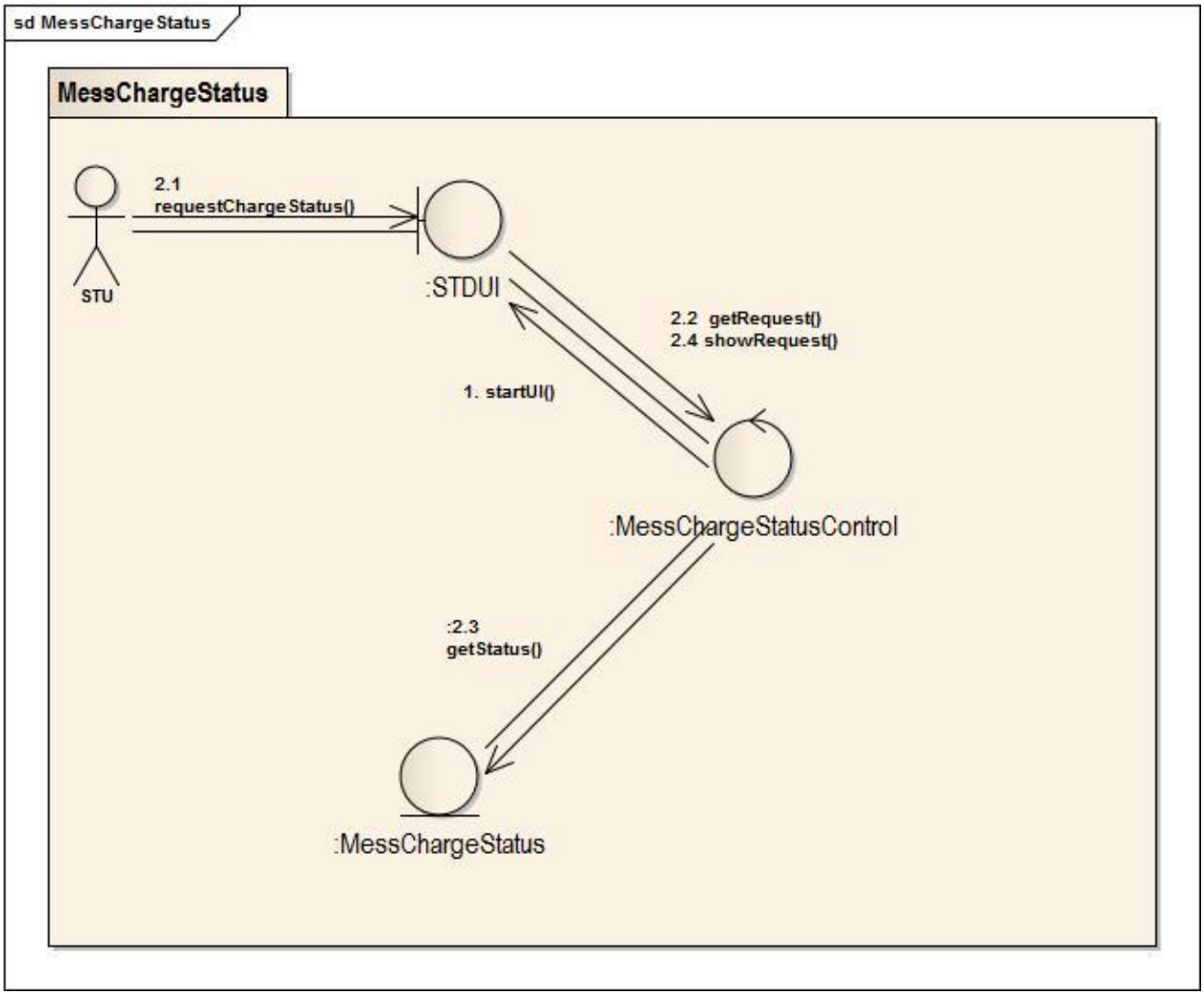


Class diagram:

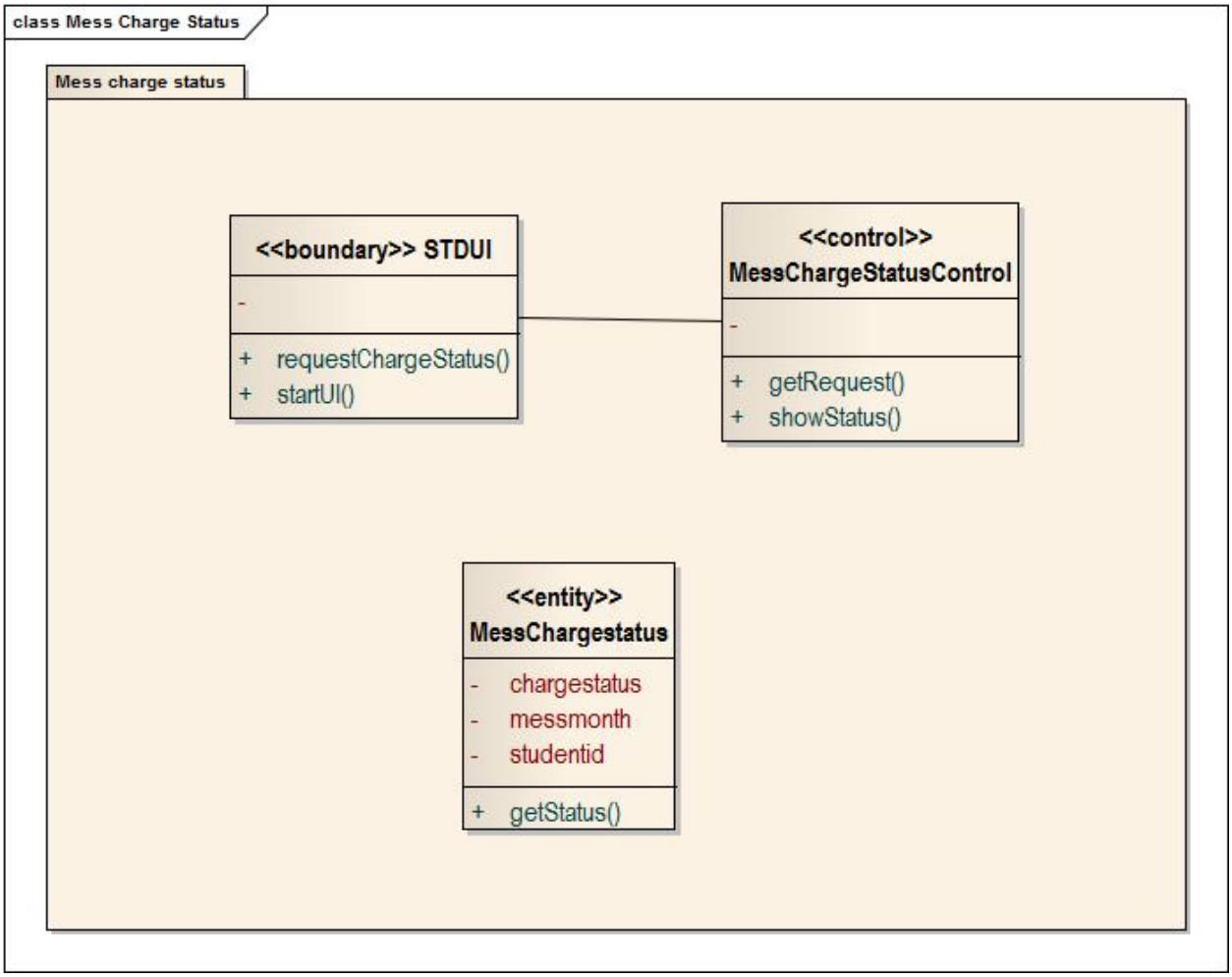


2.6 Mess charge status

Collaboration diagram:

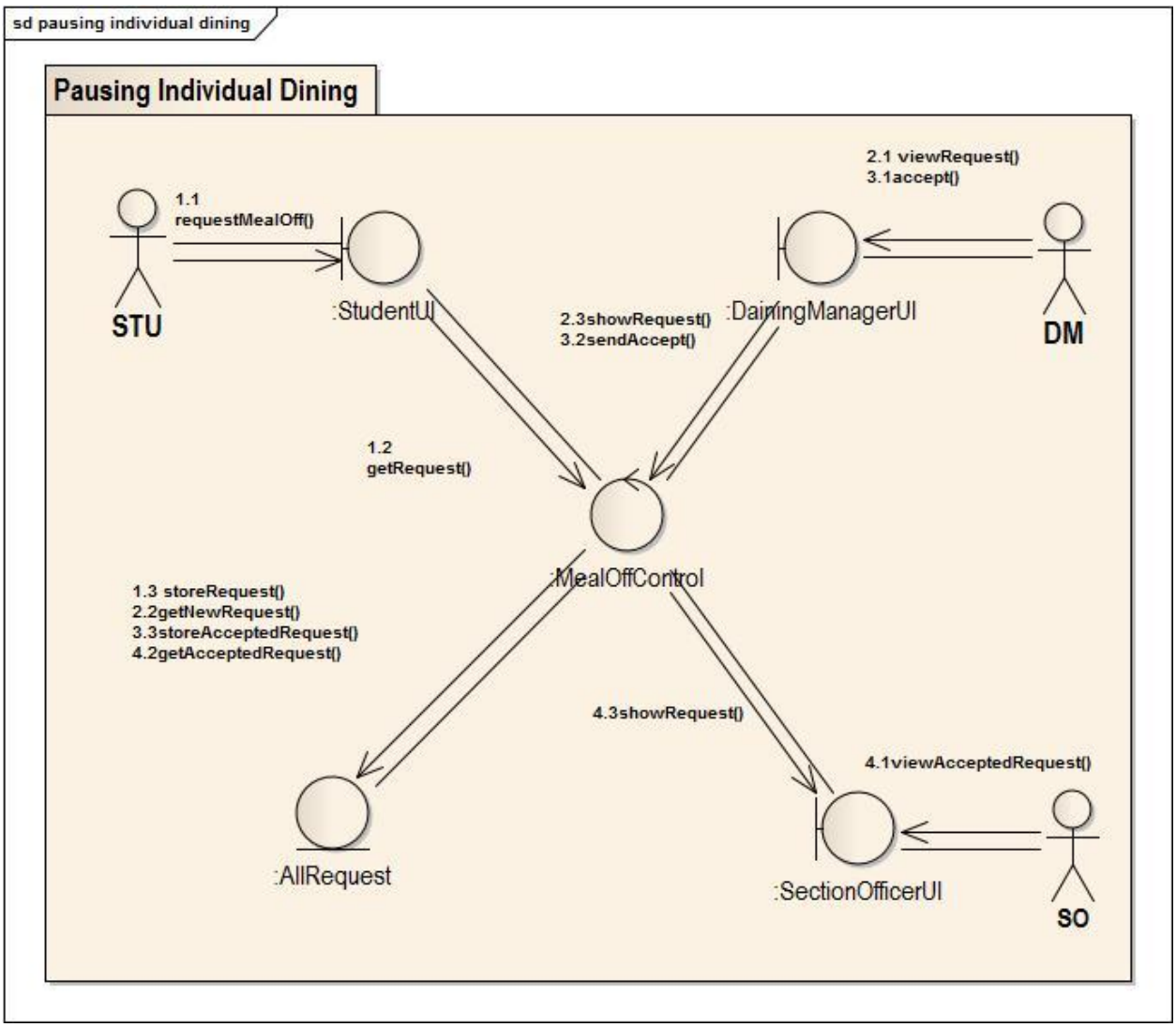


Class diagram:

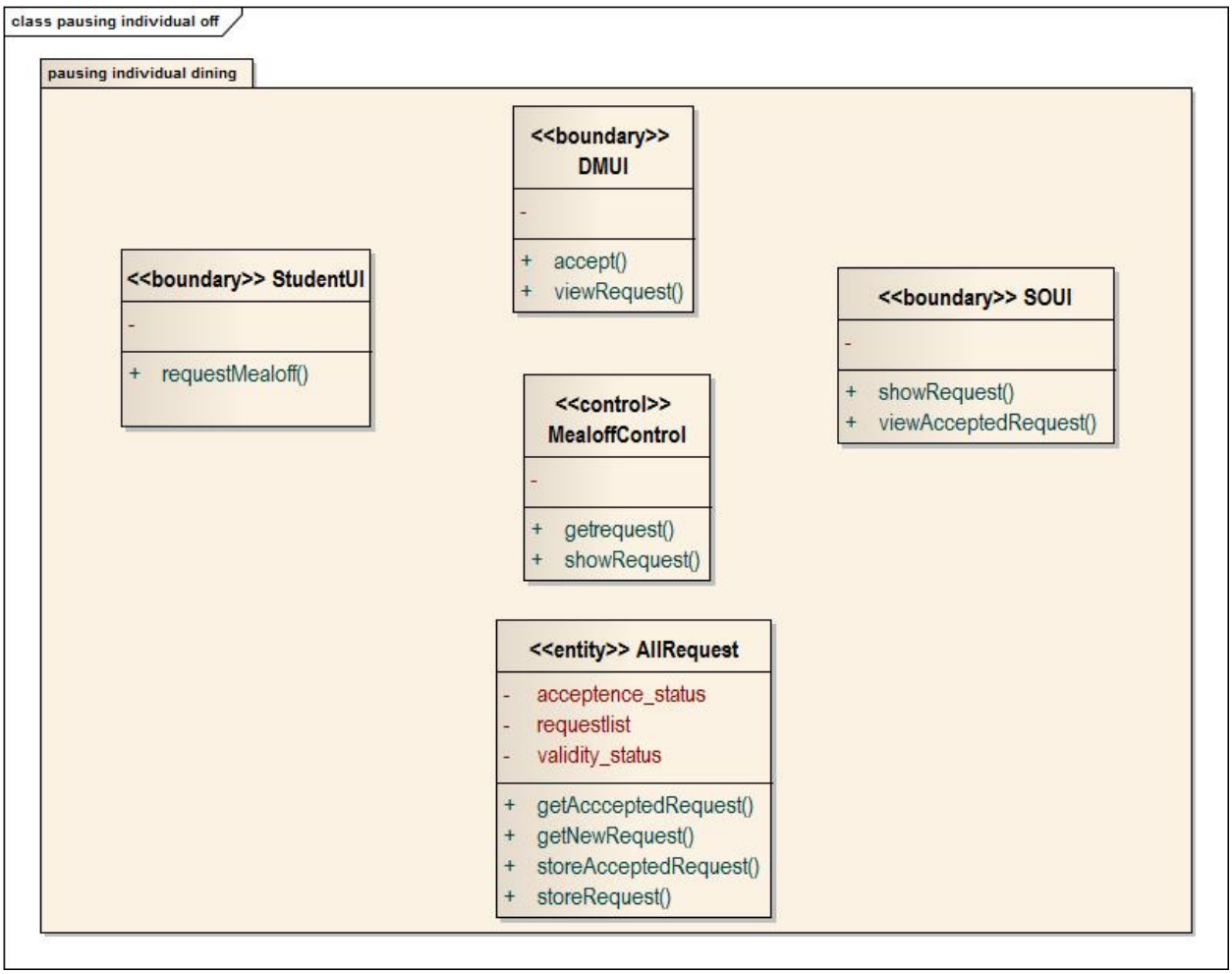


2.8 Pausing individual's dining

Collaboration diagram:

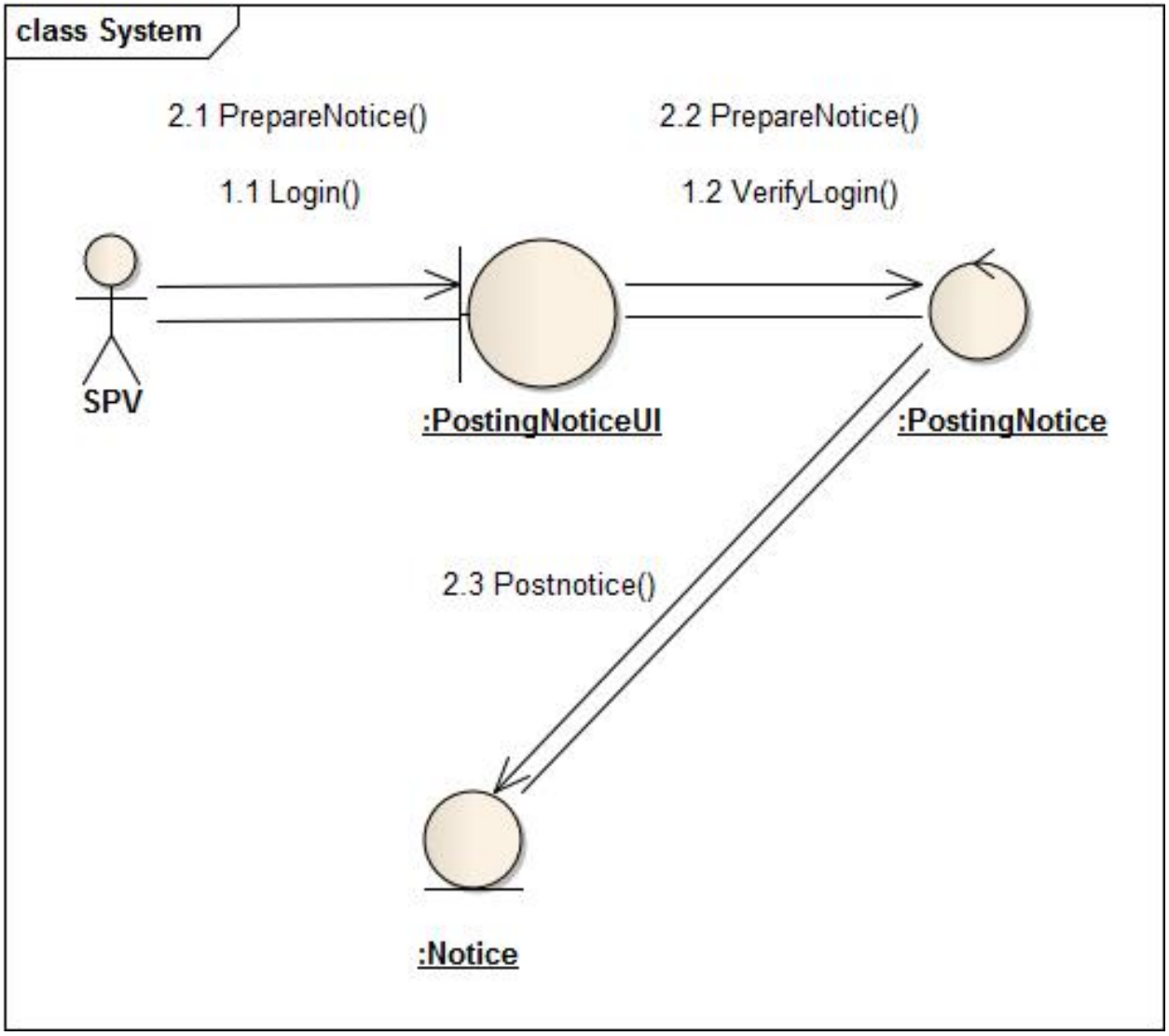


Class diagram

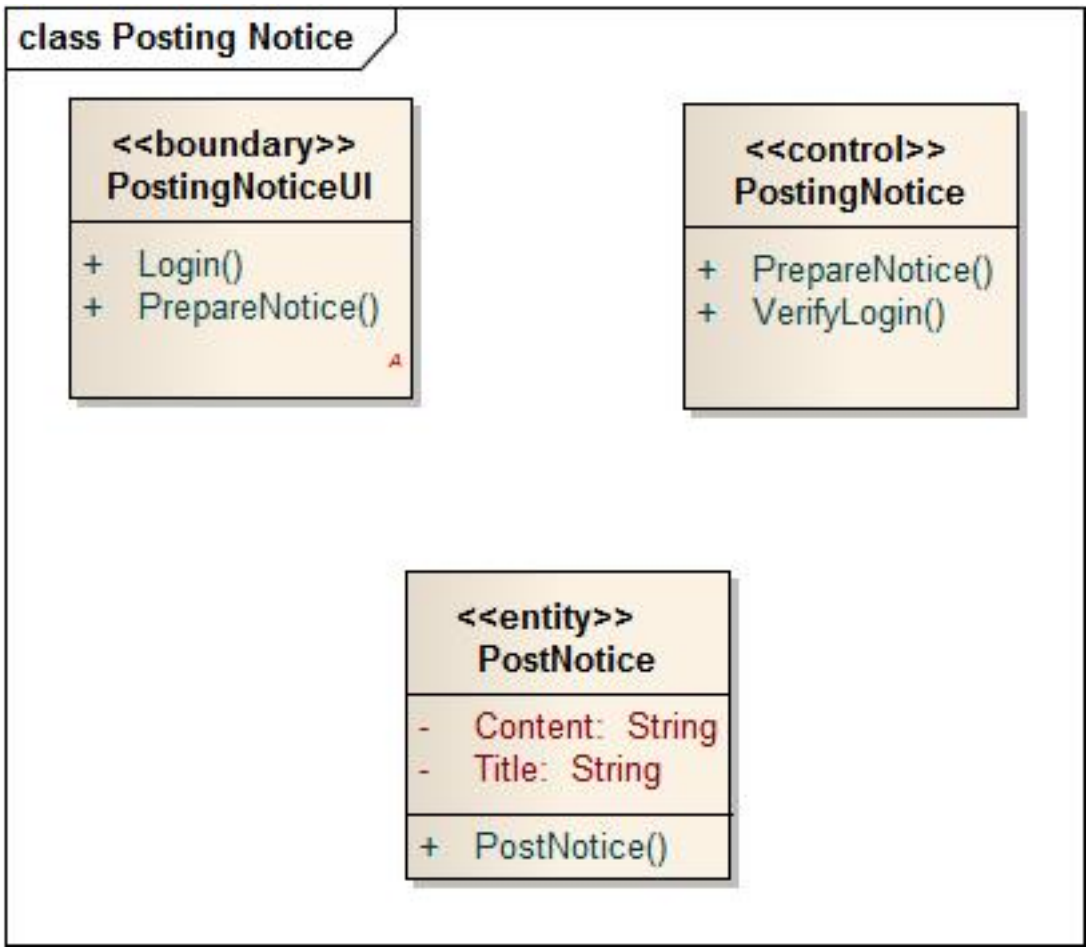


3. Application and complaint system
   3.1
   3.2
   3.3

4. Notice Board
   4.1 Posting Notice
   Collaboration diagram:

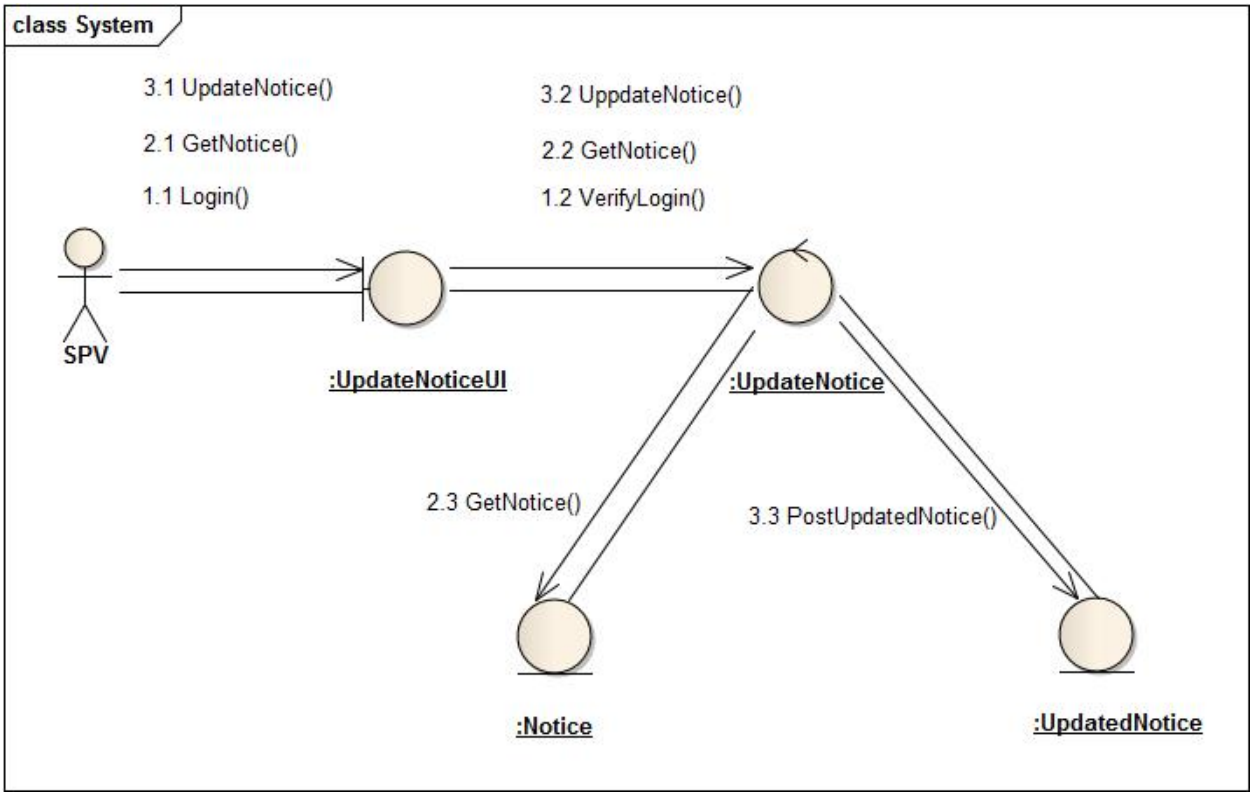


Class diagram

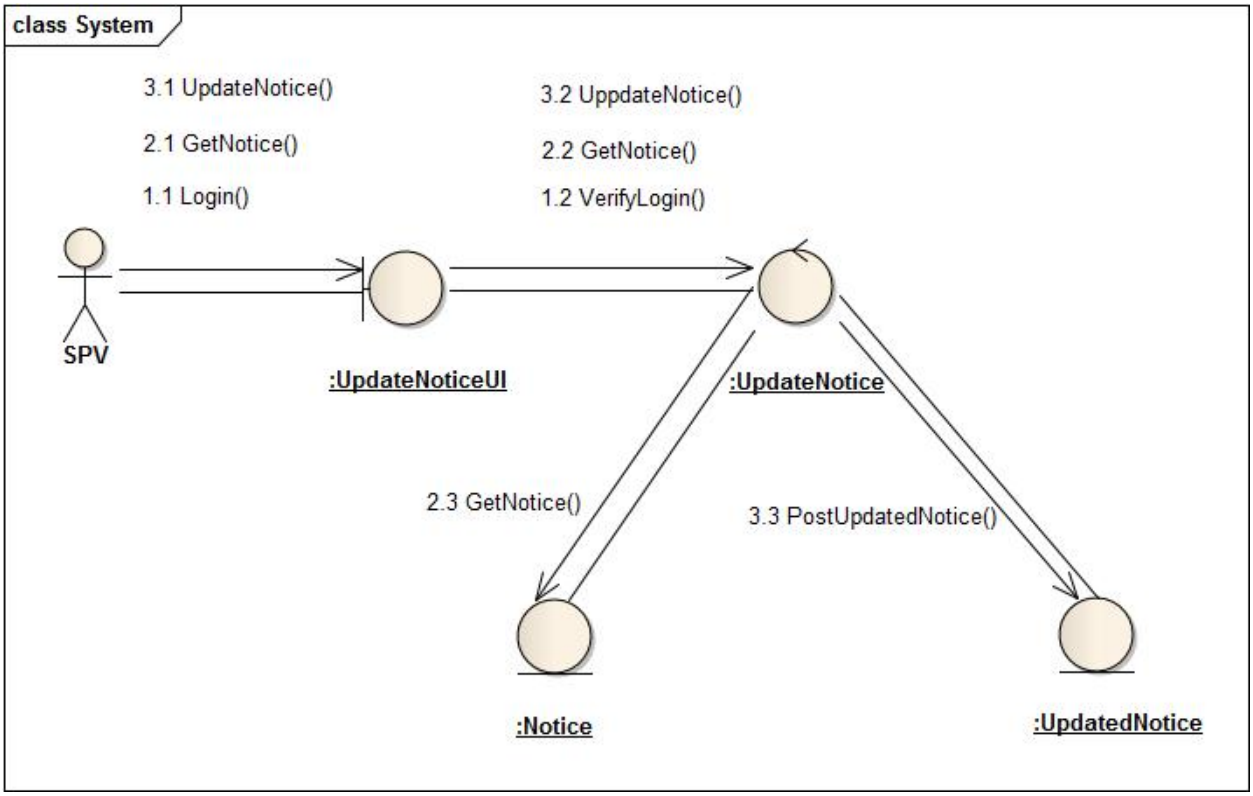


4.2 Updating Notice

Collaboration diagram:

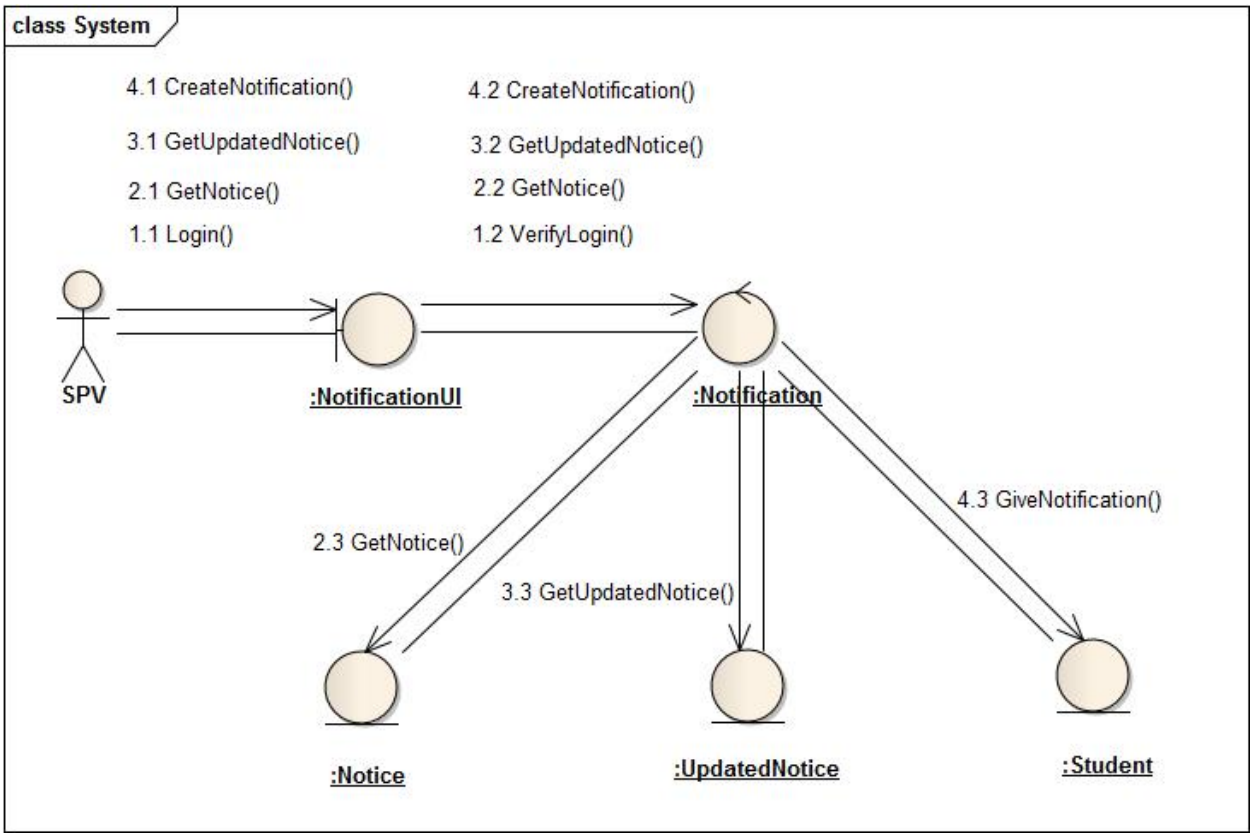


Class diagram

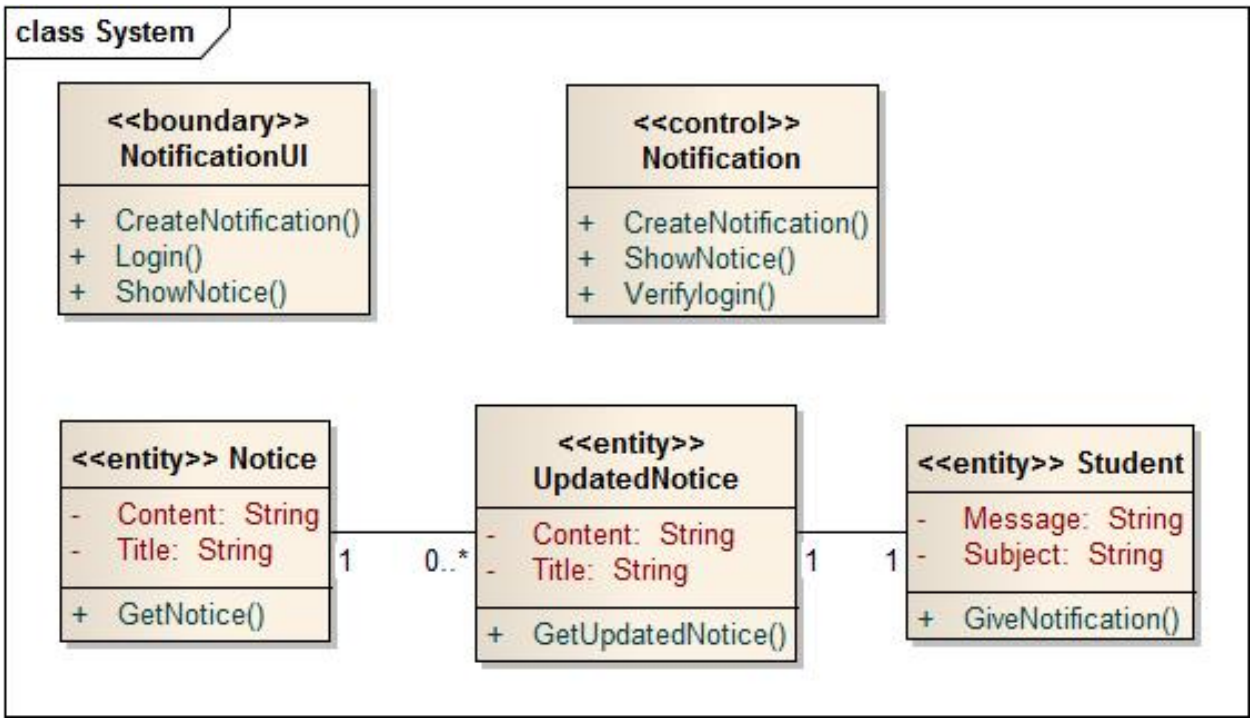


4.3 Notification

Collaboration diagram:

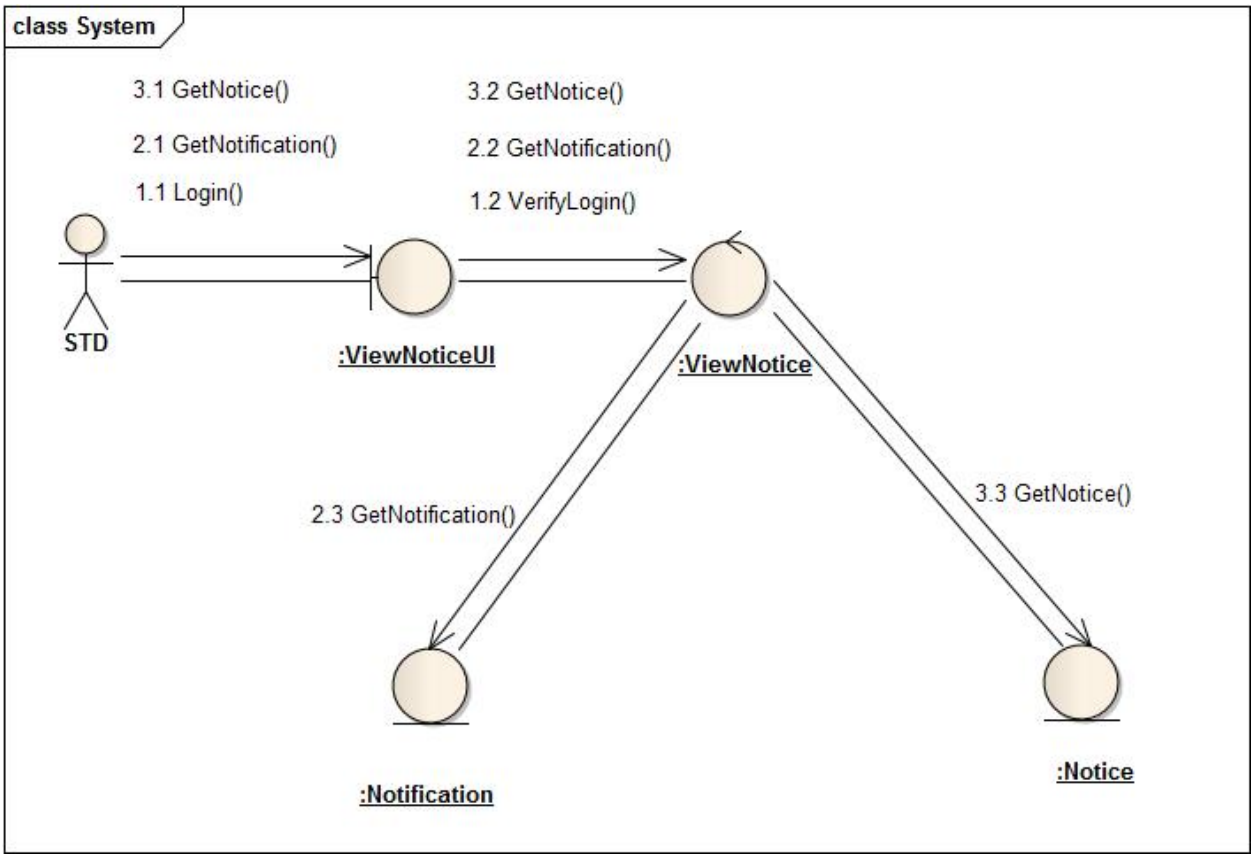


Class diagram

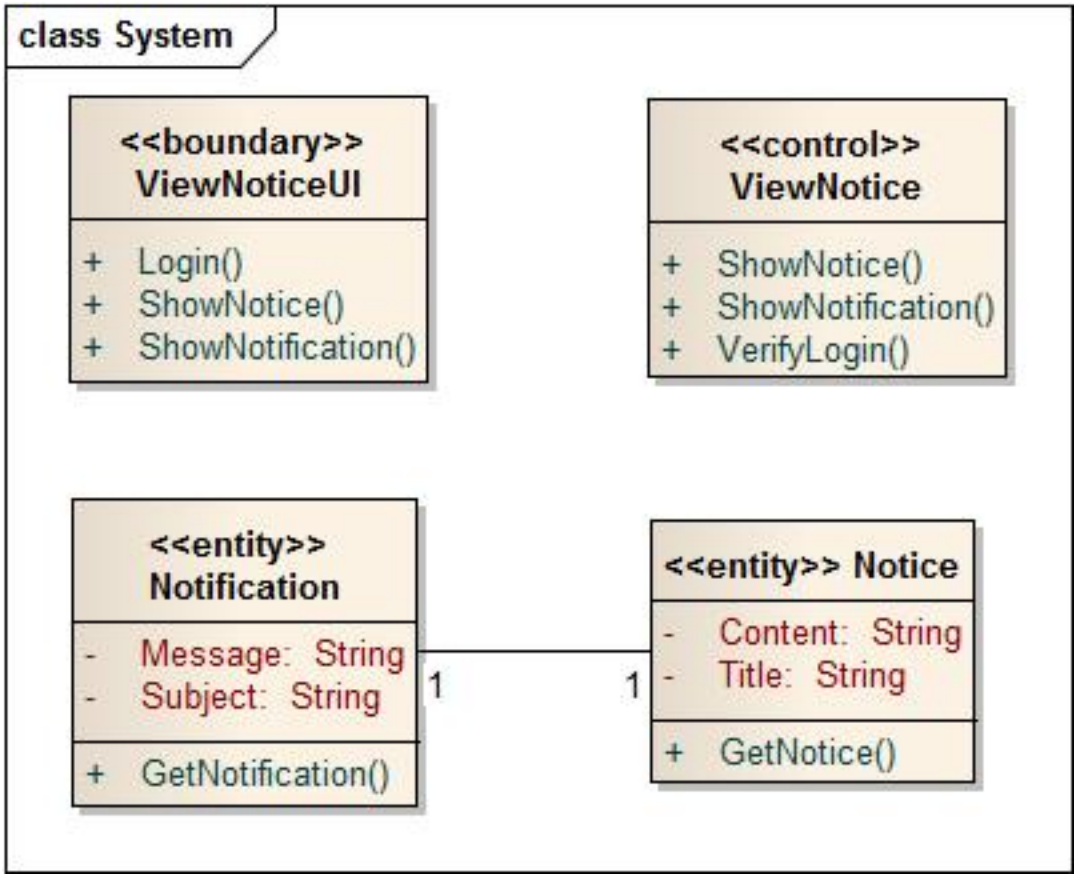


4.4 View Notice

Collaboration diagram:



Class diagram


class System
<<boundary>>
ViewNoticeUI
+ Login()
+ ShowNotice()
+ ShowNotification()
<<control>>
ViewNotice
+ ShowNotice()
+ ShowNotification()
+ VerifyLogin()
<<entity>>
Notification
- Message: String
- Subject: String
+ GetNotification()
1
1
<<entity>> Notice
- Content: String
- Title: String
+ GetNotice()