

# **Classroom Management System**

## **Sequence Diagram, State chart Diagram and Activity Diagram**

### **Prepared By:**

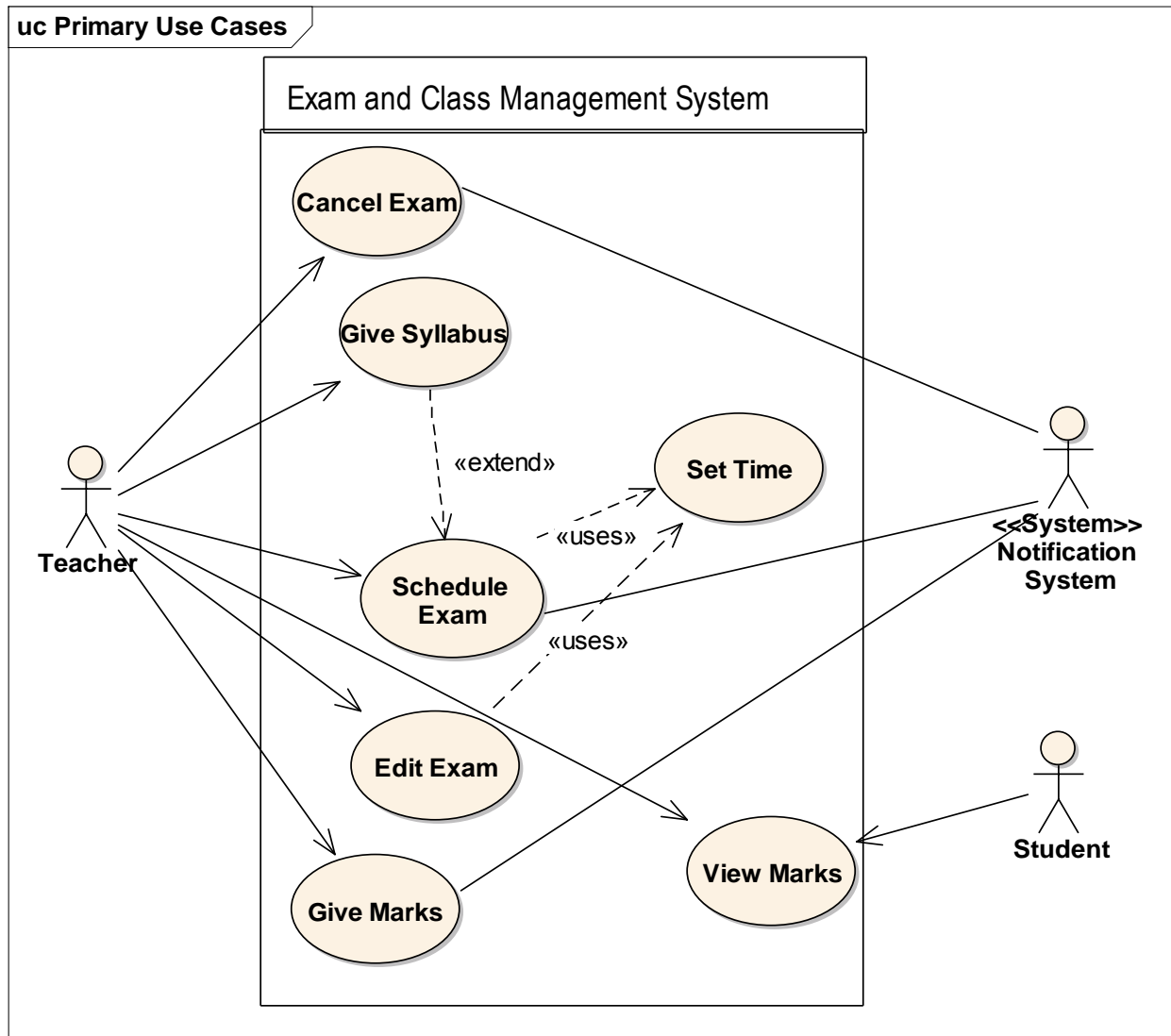
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1005006 – Abdul Kawsar Tushar  
1005015 – Sheikh Moinul Hasan  
1005017 – Mostafizur Rahman  
1005027 – Ifta Noor Mahmood

## **Subsystems**

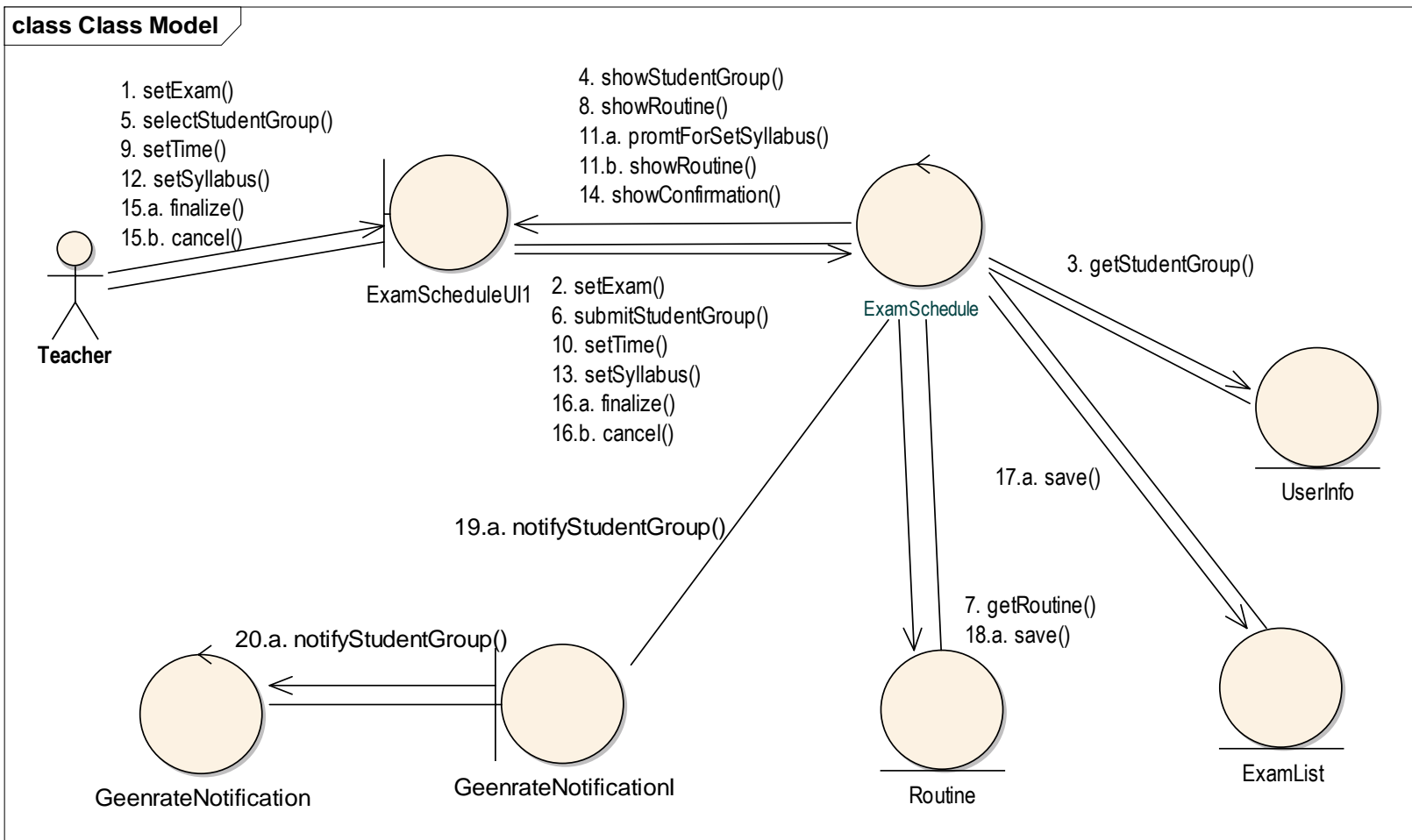
- ❖ Exam Management System
- ❖ Class Management System
- ❖ Course Content Management System
- ❖ Notification and Warning System

# Exam Management System

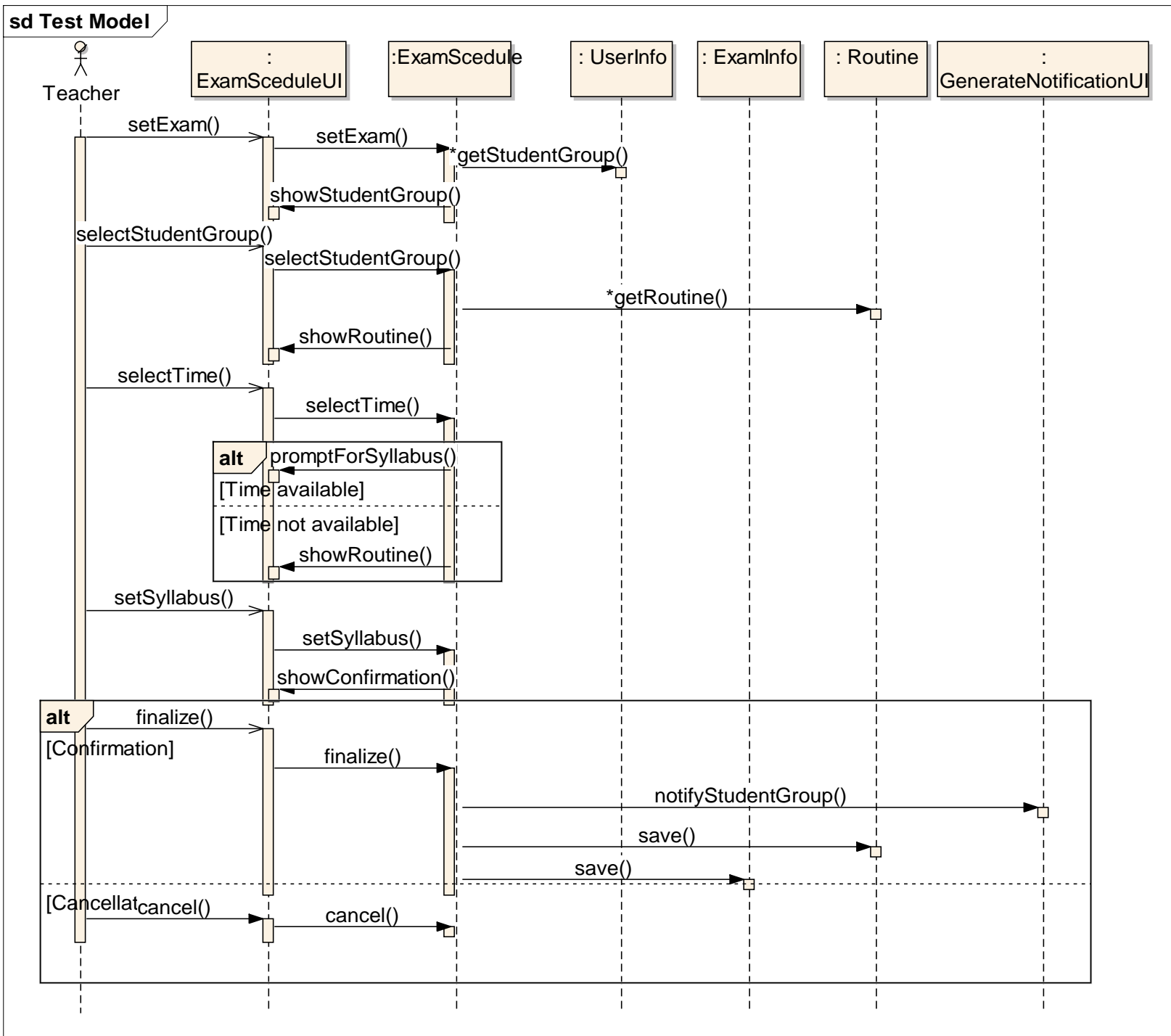
## Use case



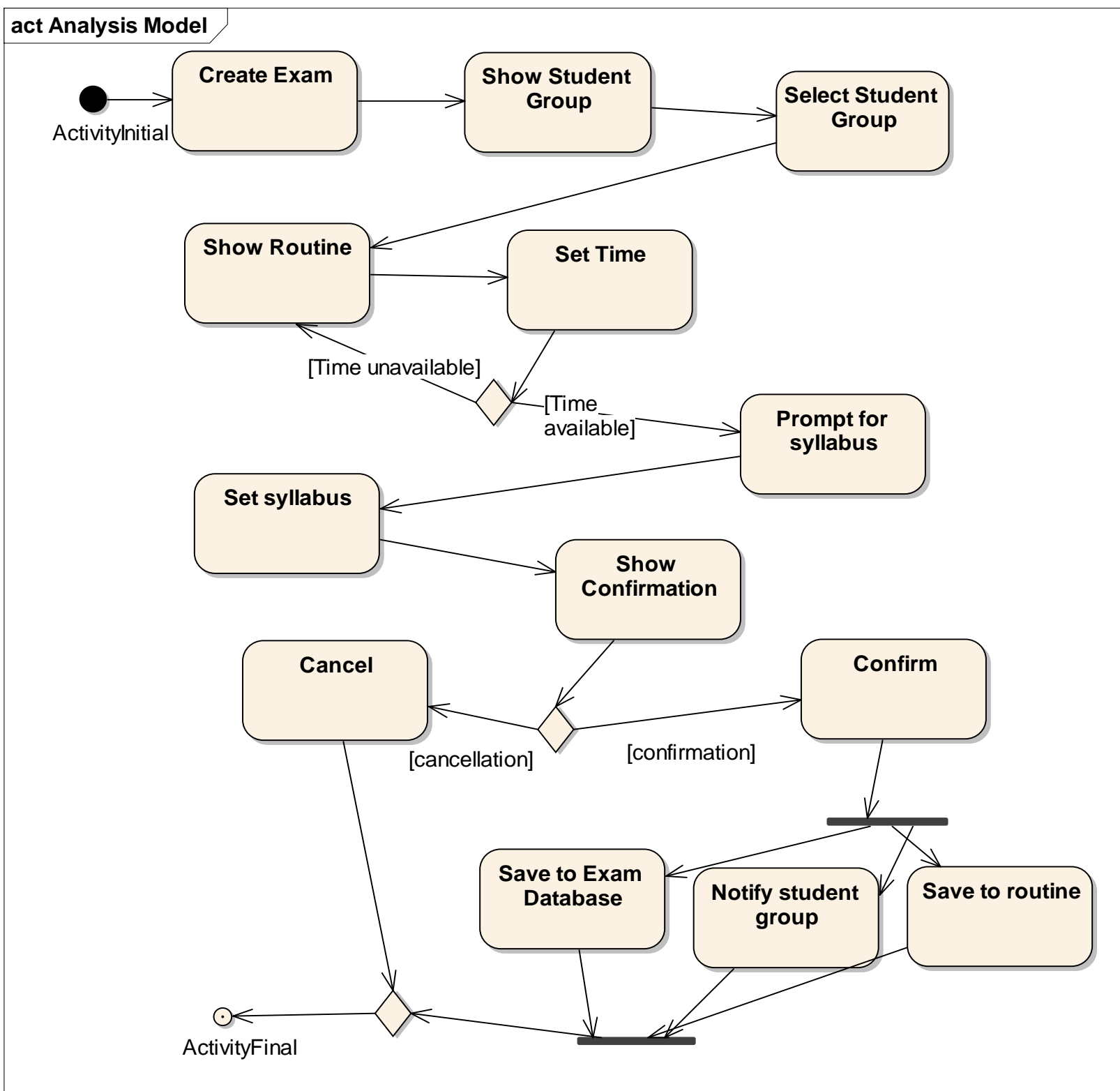
## ExamSchedule Collaboration



## ExamSchedule Sequence Diagram

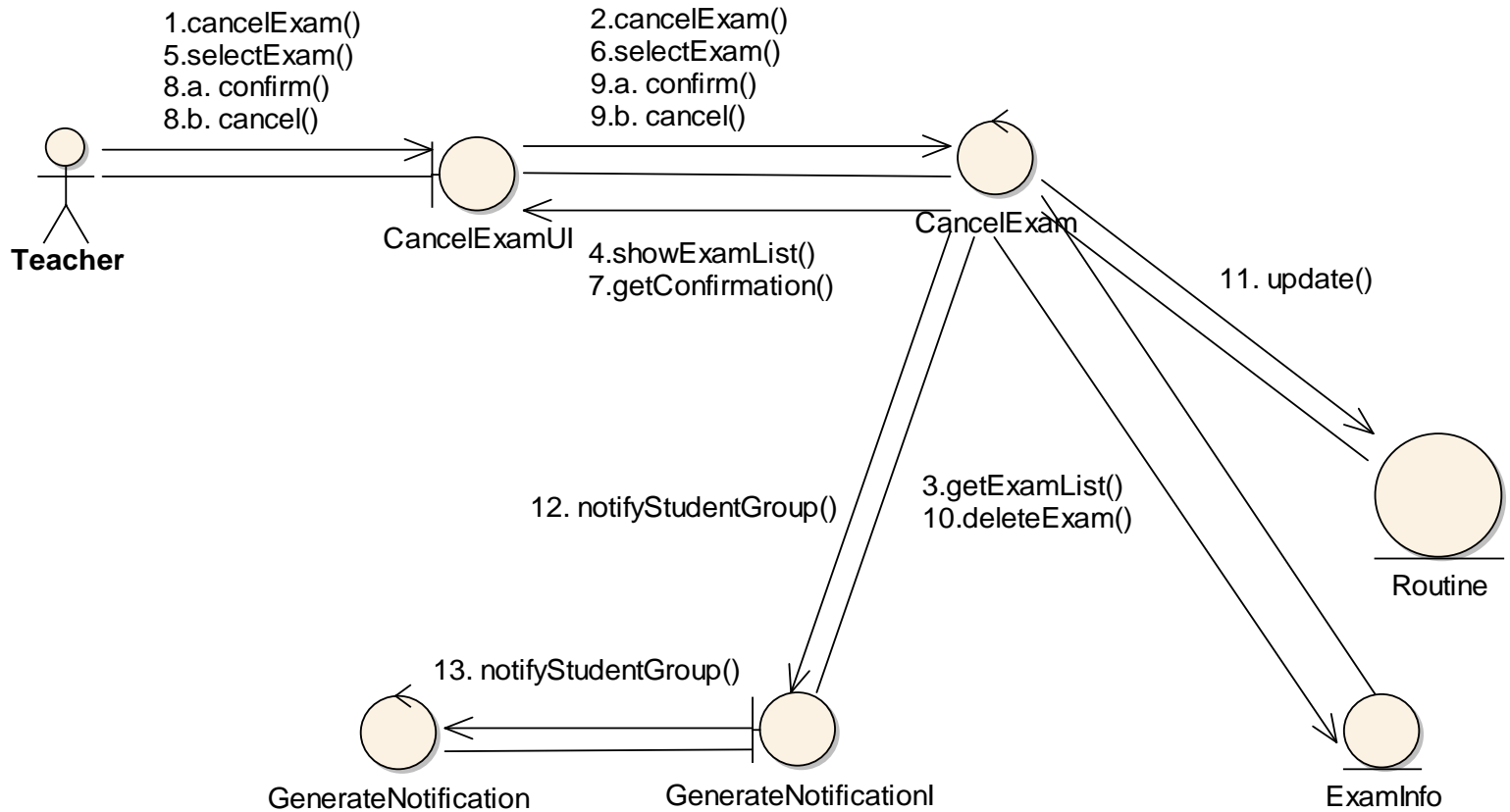


## ExamSchedule Activity Diagram

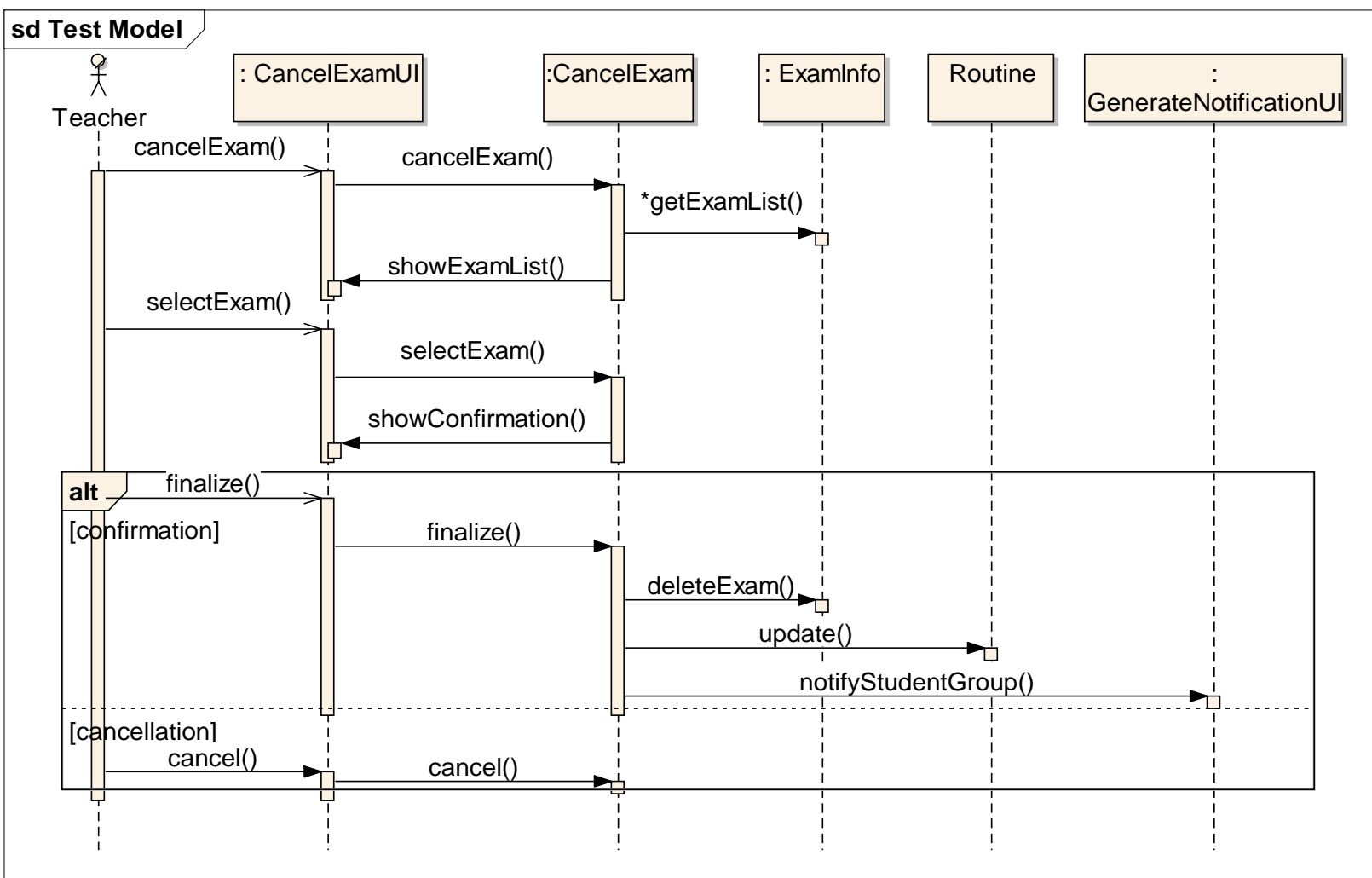


## CancelExam Collaboration Diagram

### analysis Analysis Model

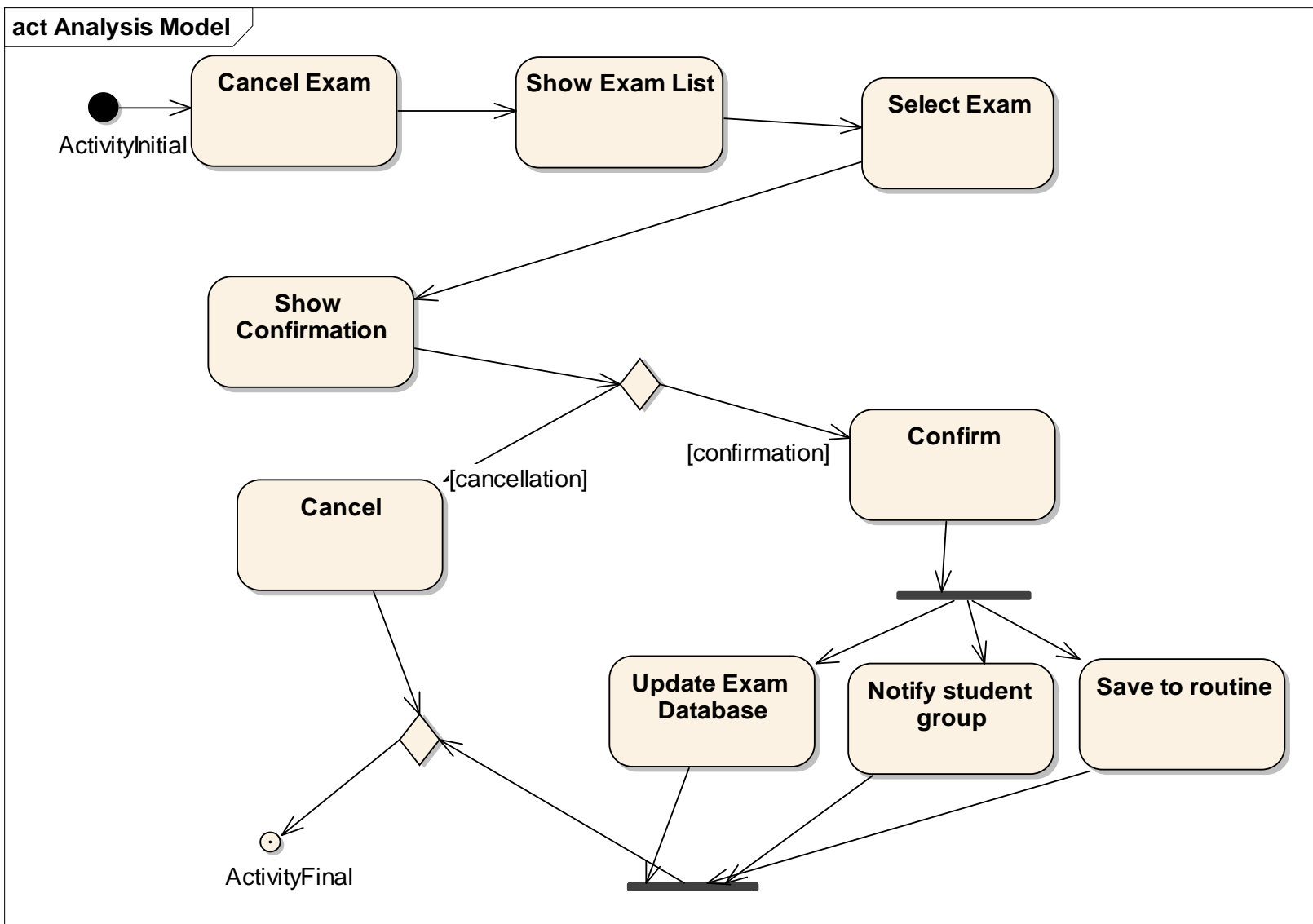


CancelExam Sequence Diagram

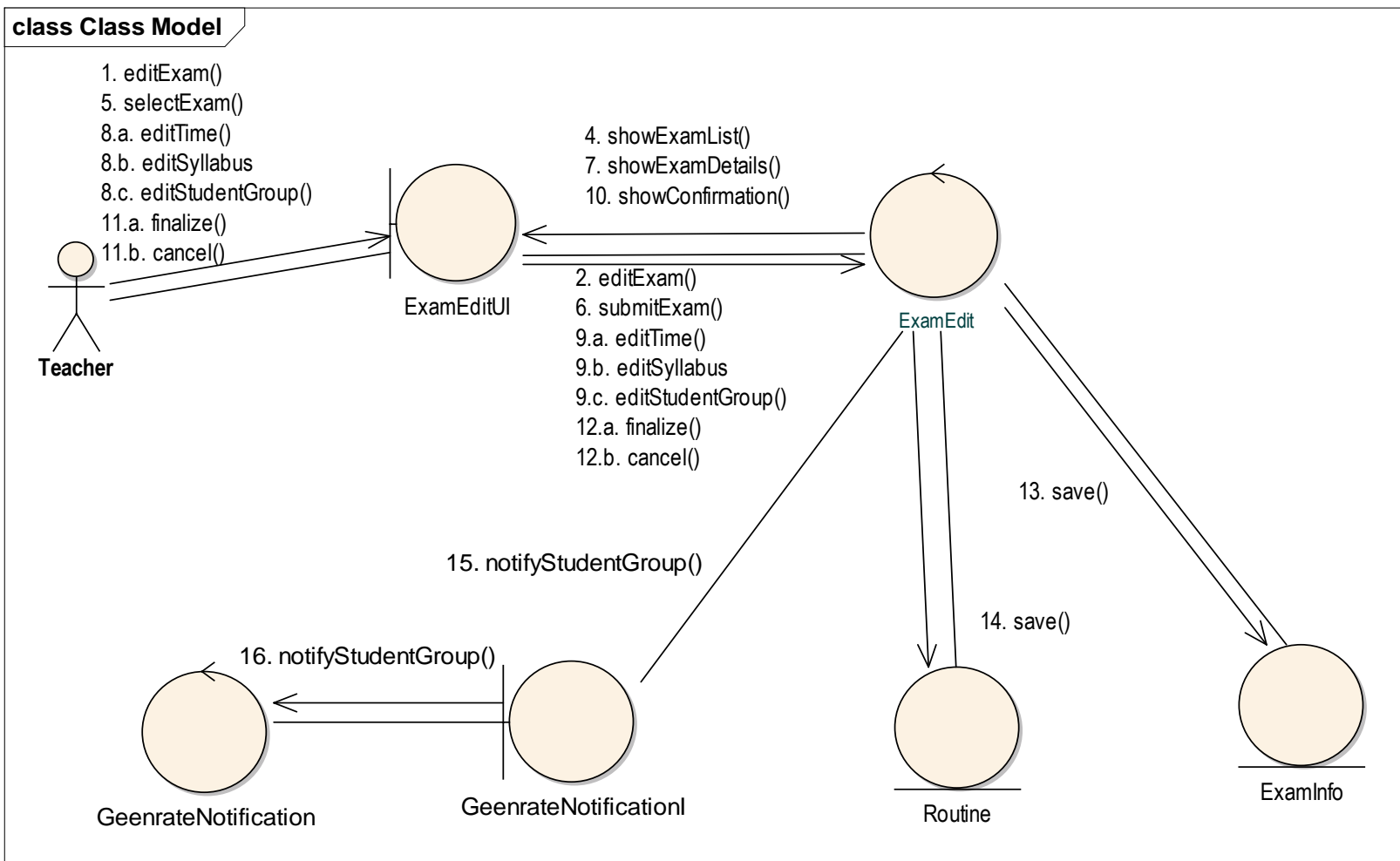




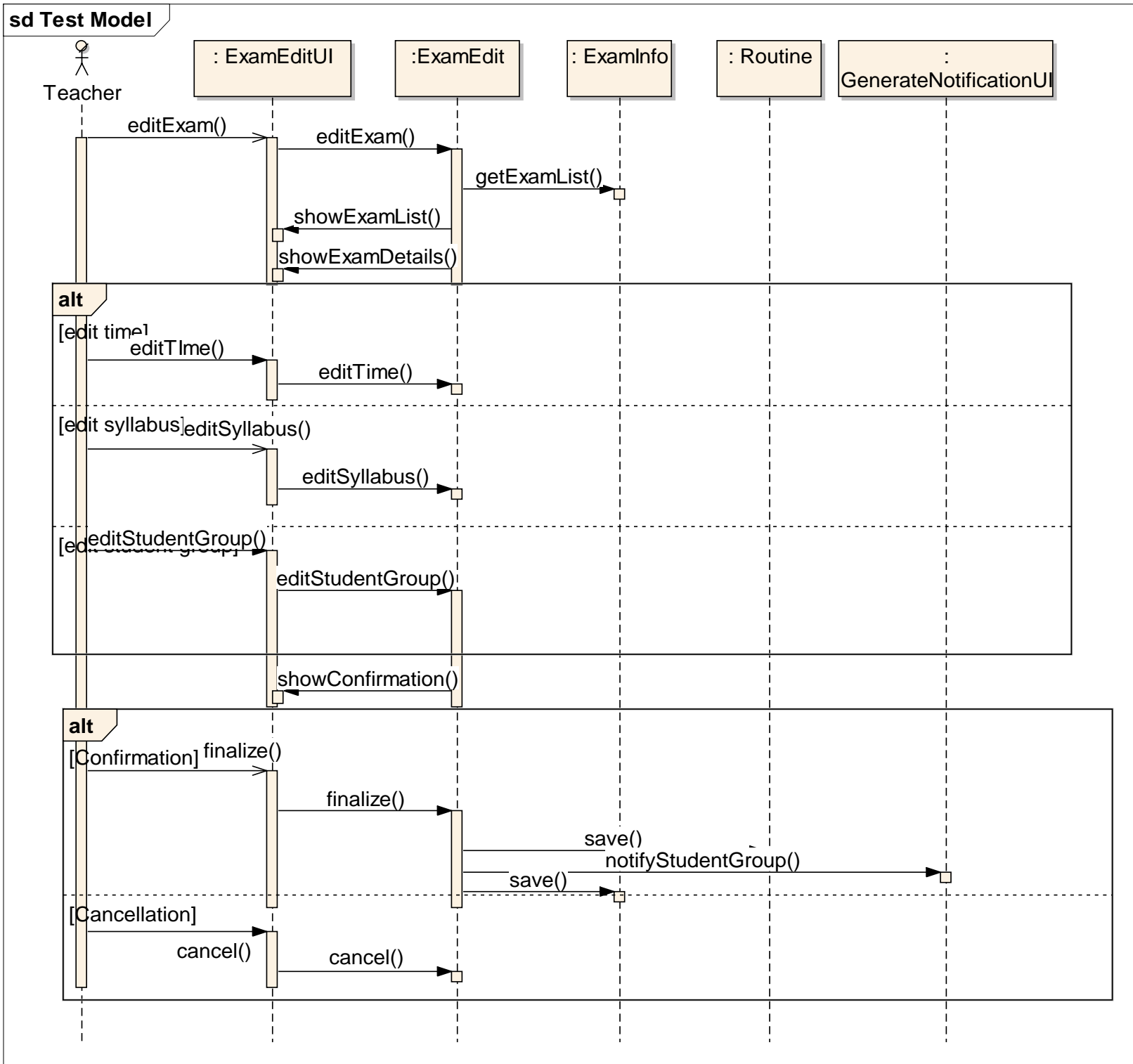
## CancelExam Activity Diagram



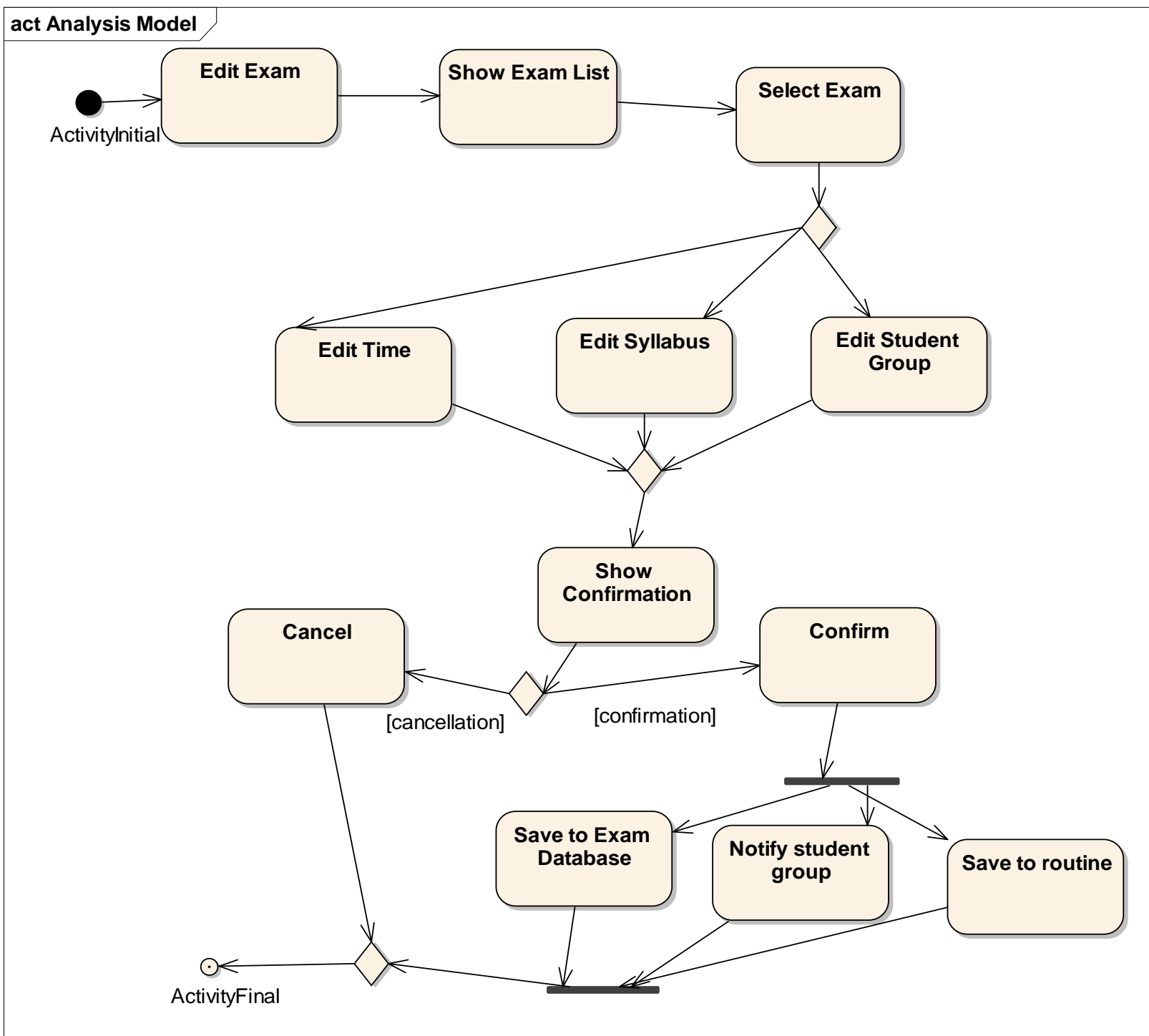
## EditExam Collaboration Diagram



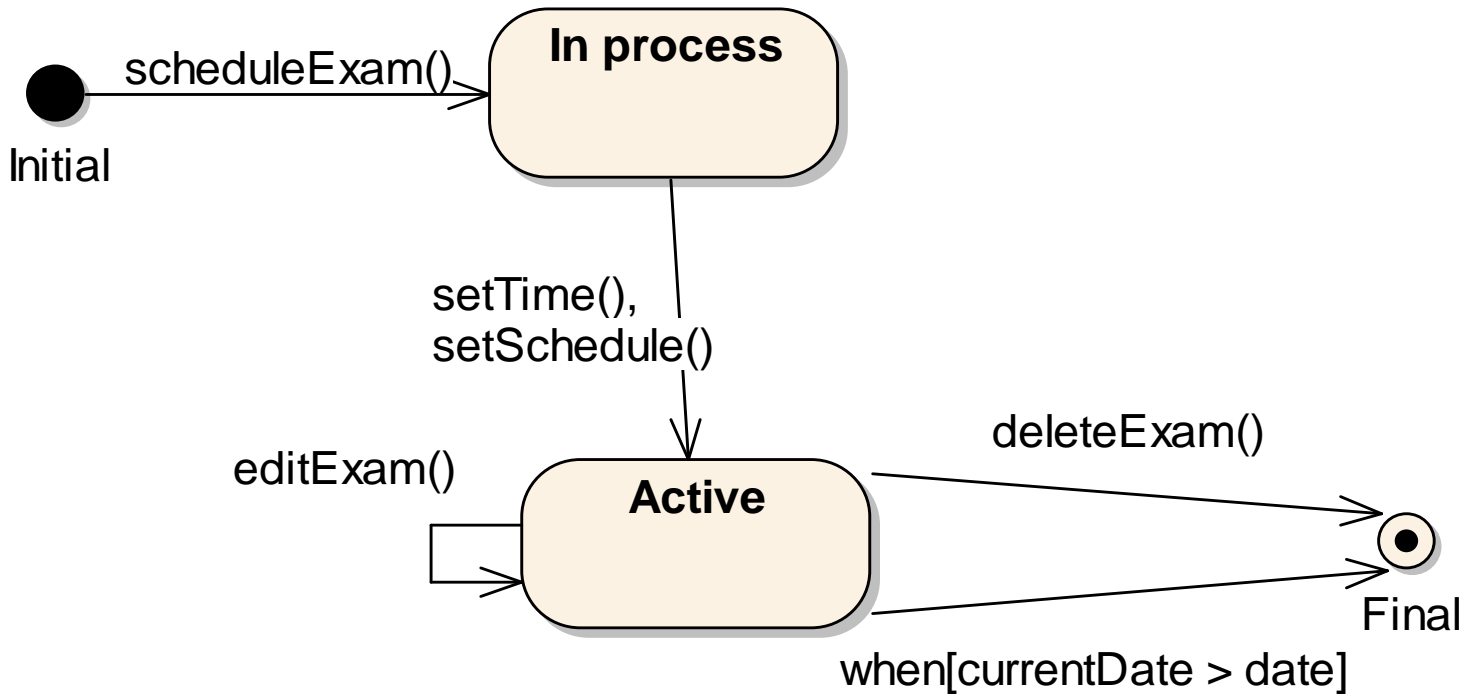
## EditExam Sequence Diagram



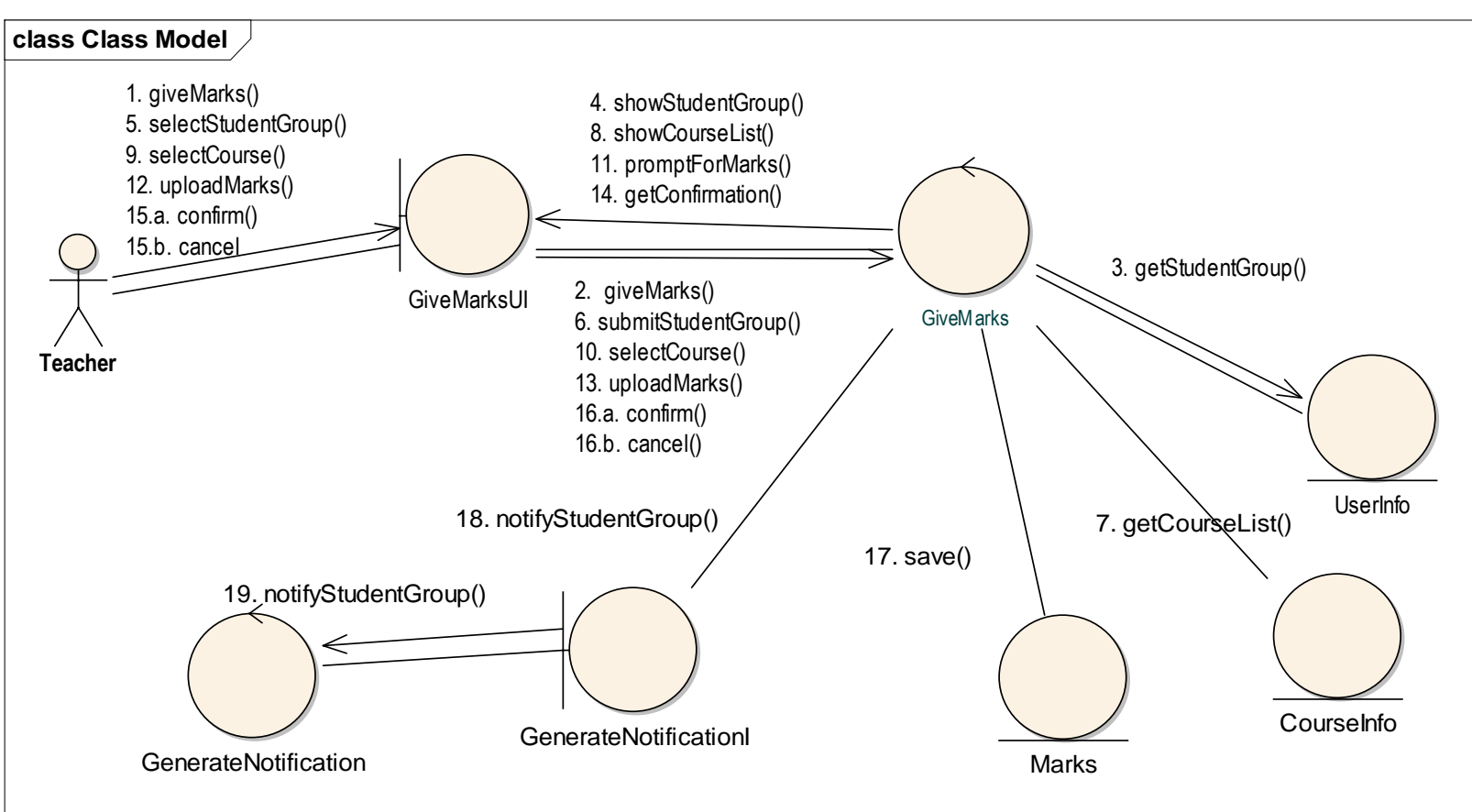
## EditExam Activity Diagram



## stm Use Case Model

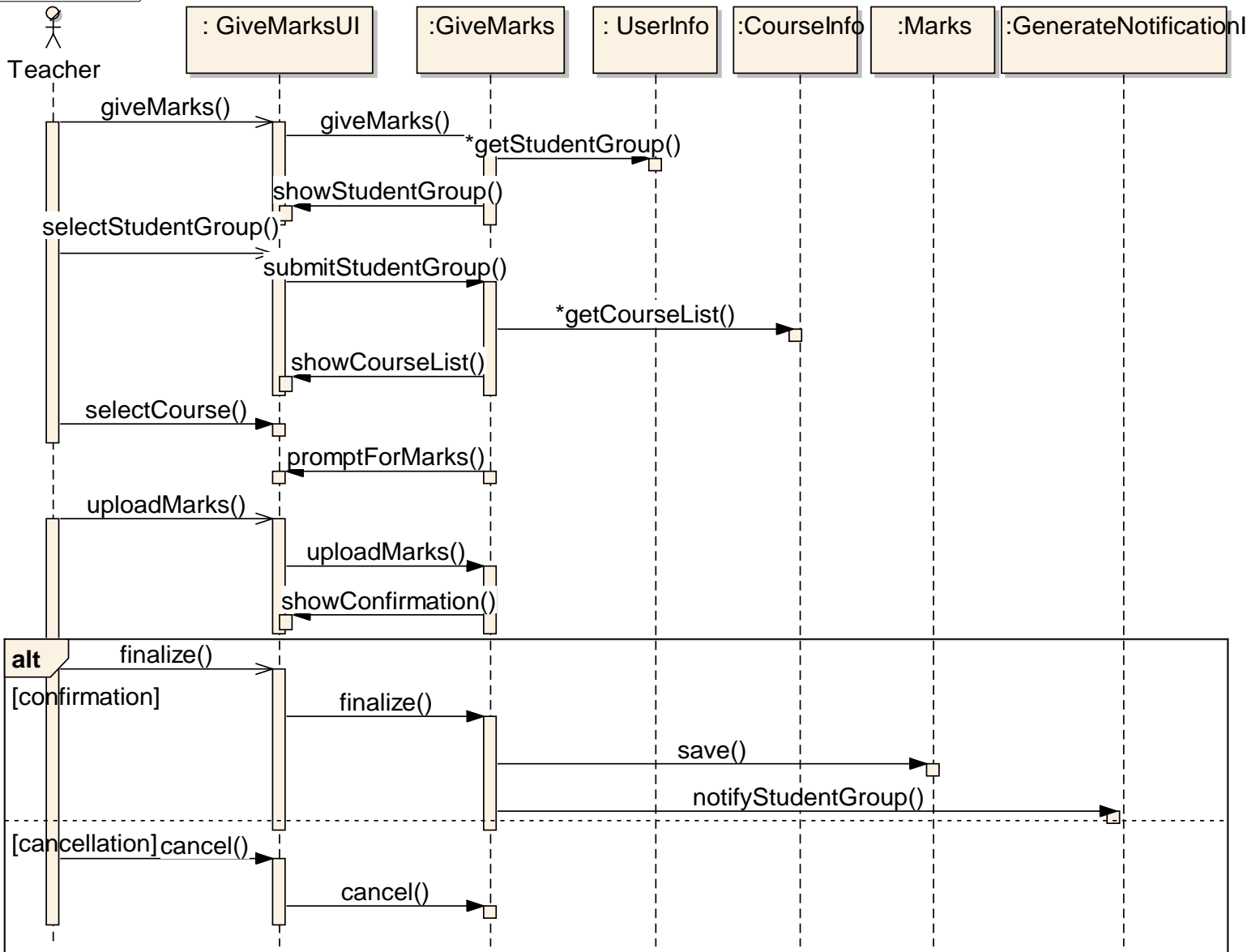


## GiveMarks Collaboration Diagram

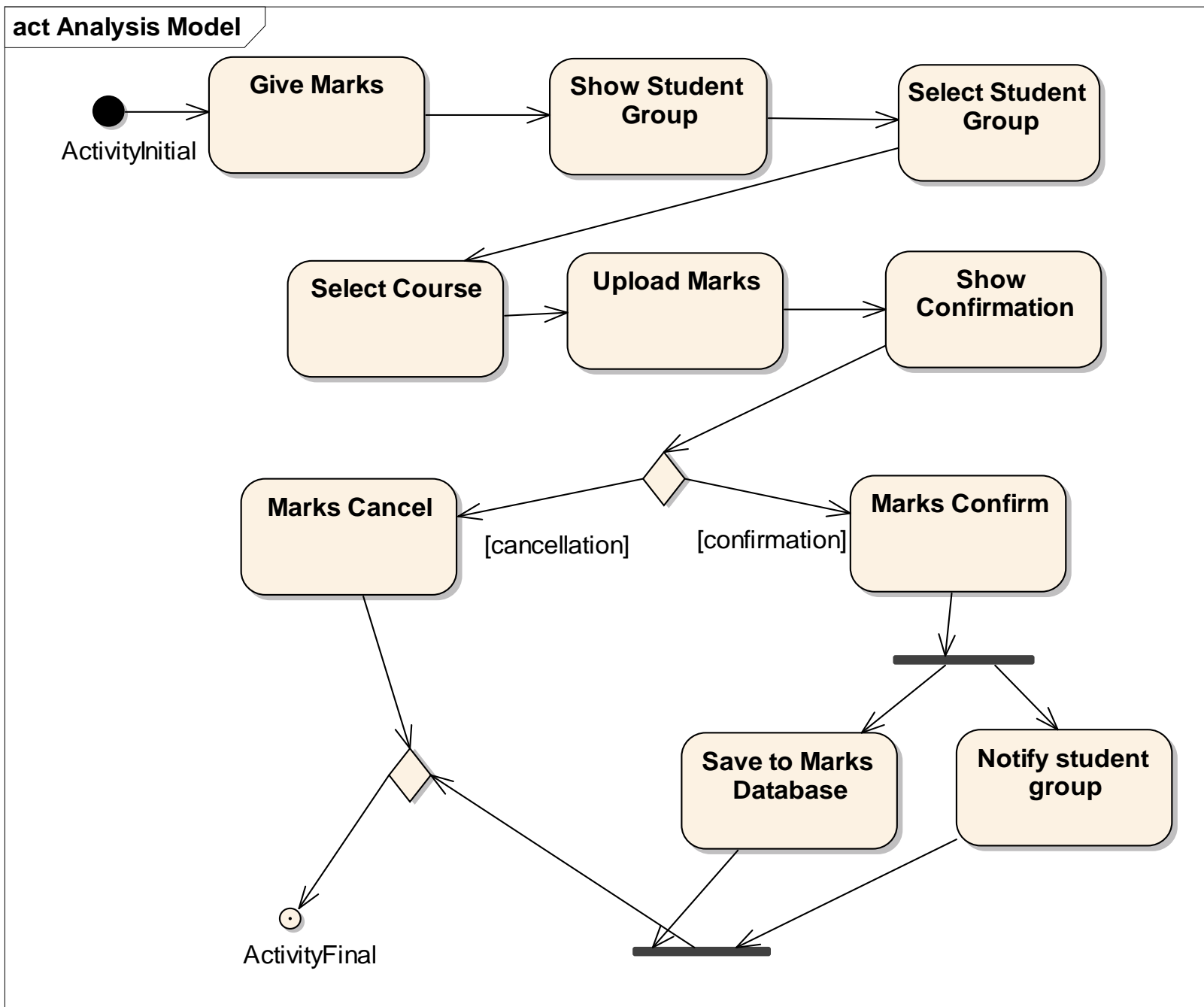


## GiveMarks Sequence Diagram

sd Test Model



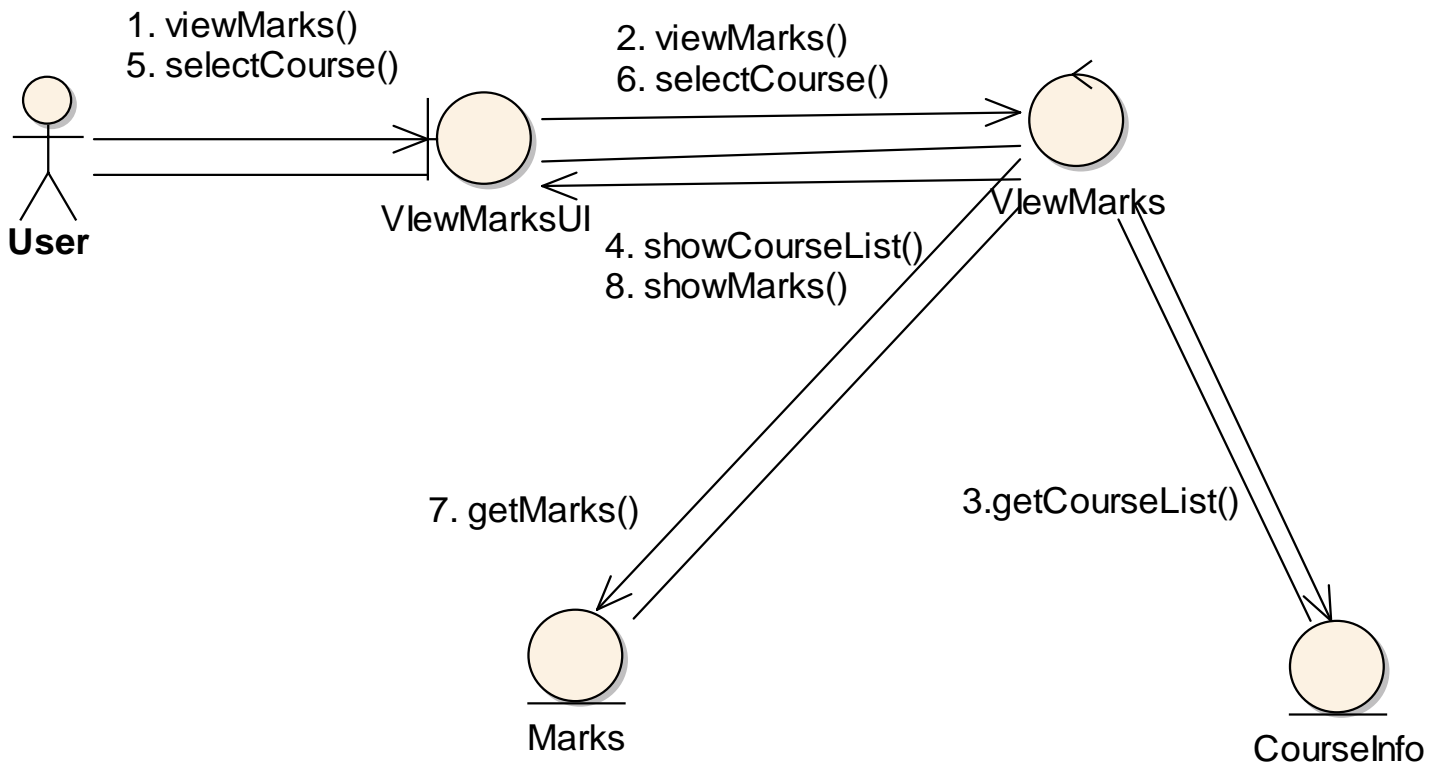
## GiveMarks Activity Diagram





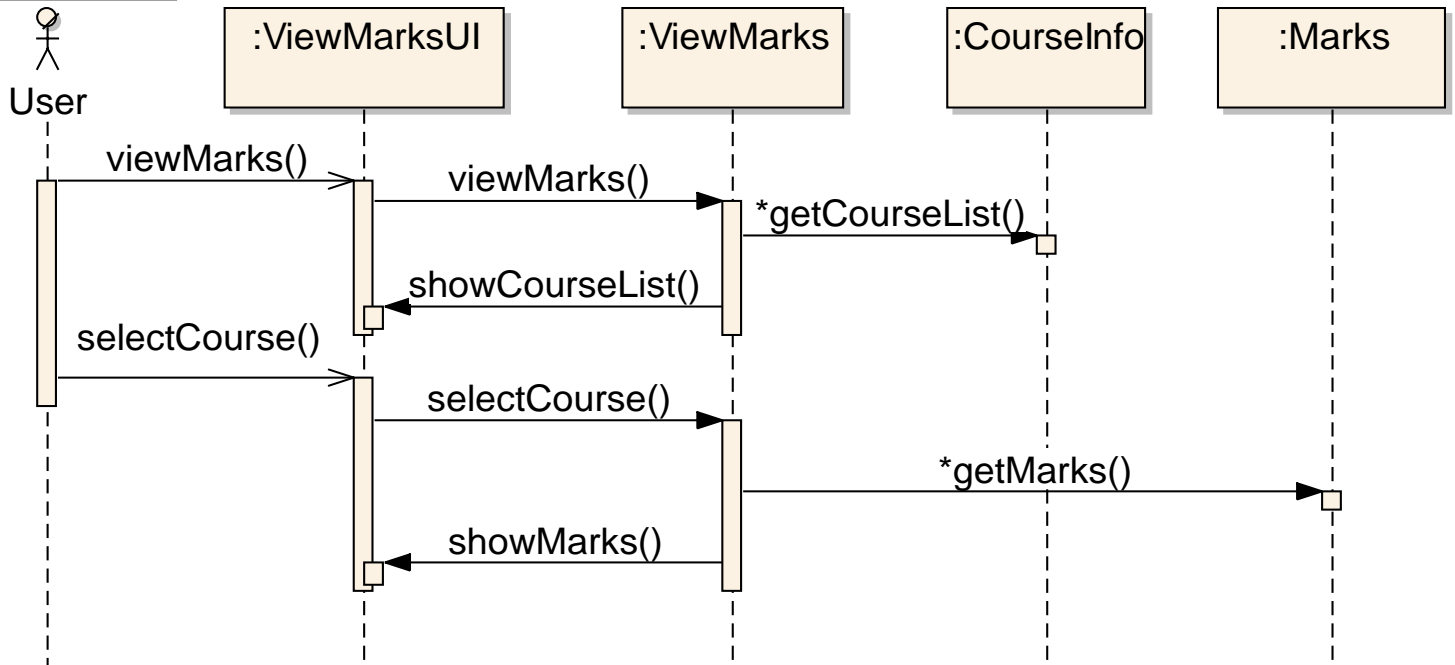
## ViewMarks Collaboration Diagram

### analysis Analysis Model

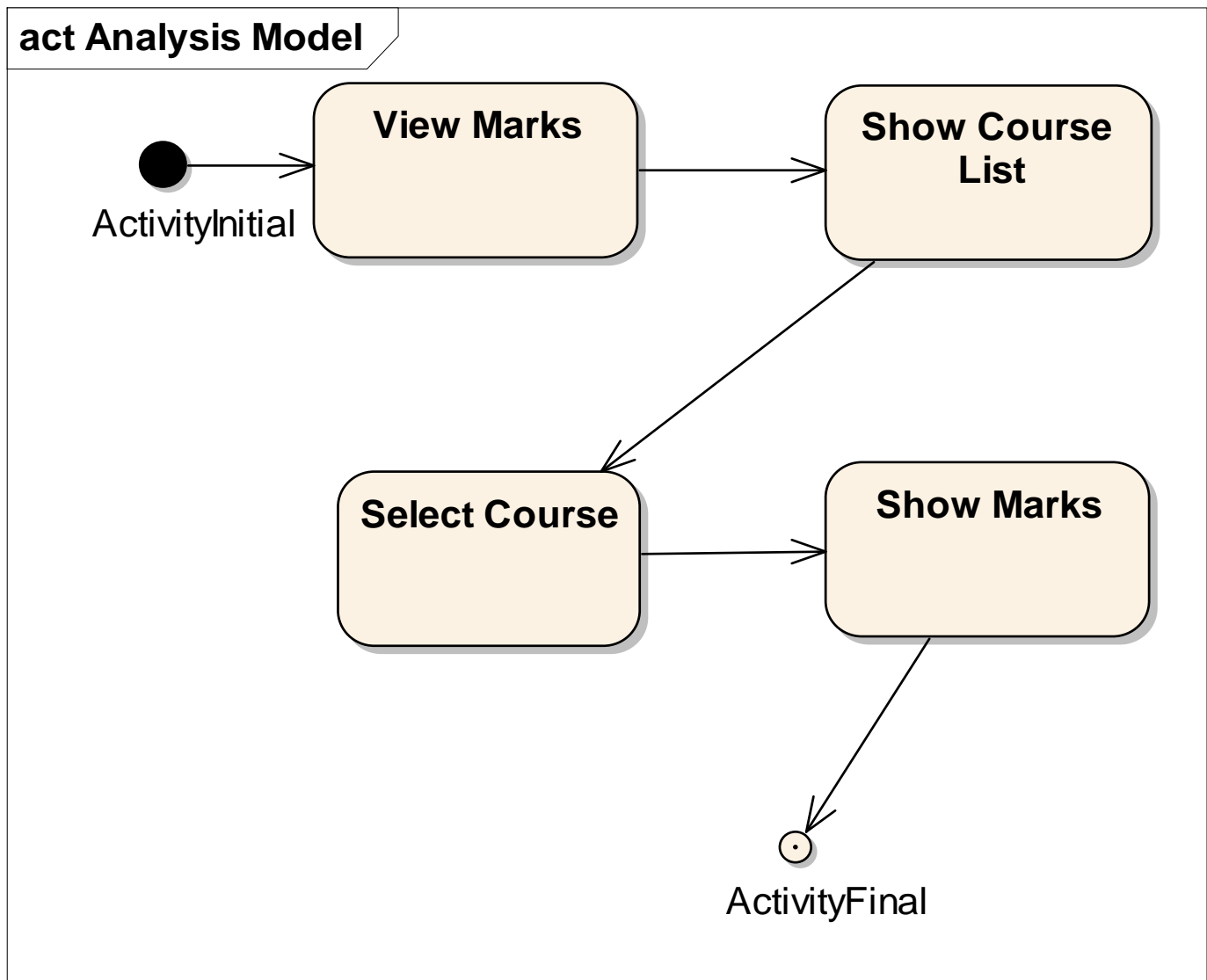


## ViewMarks Sequence Diagram

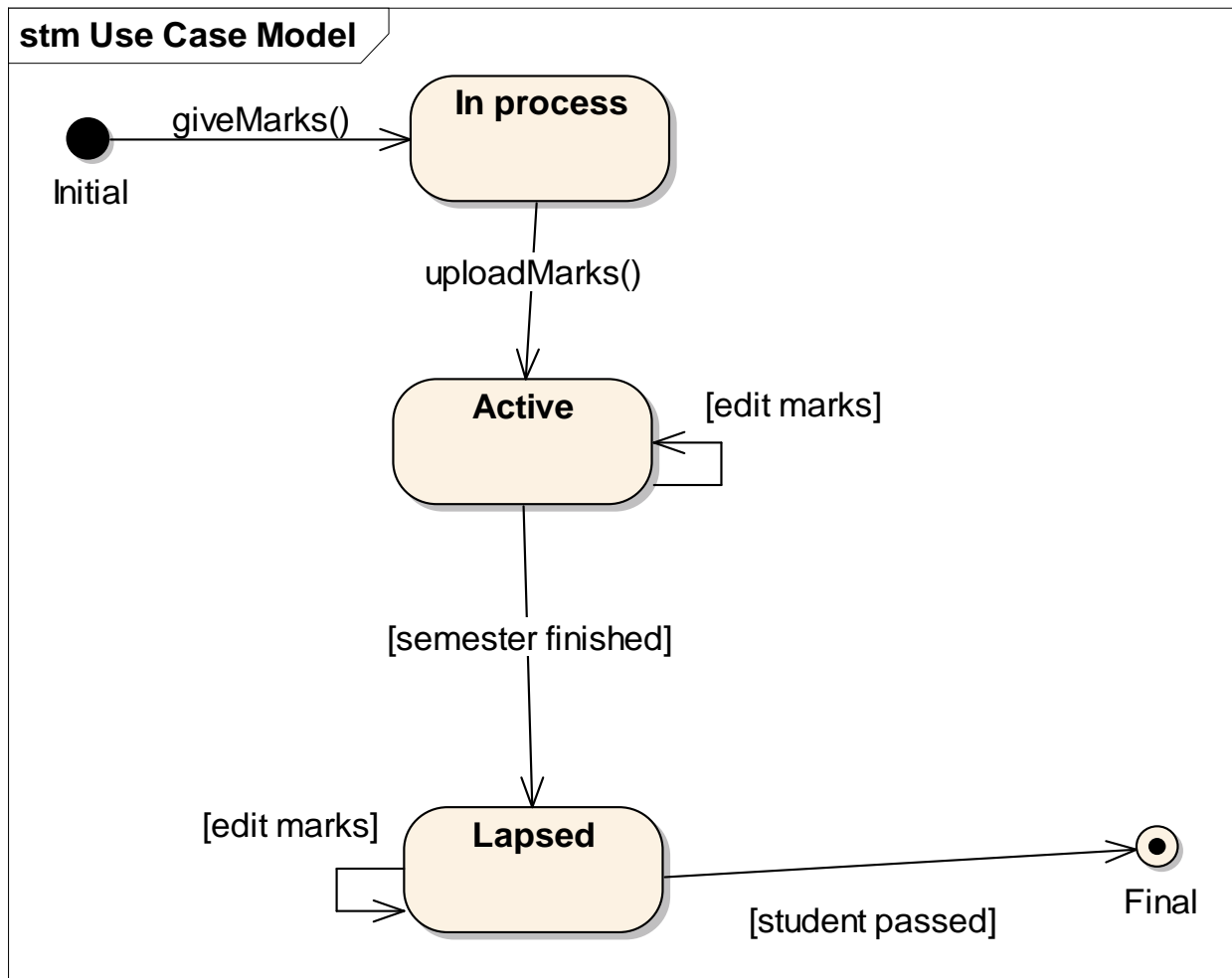
### sd Test Model



## ViewMarks Activity Diagram

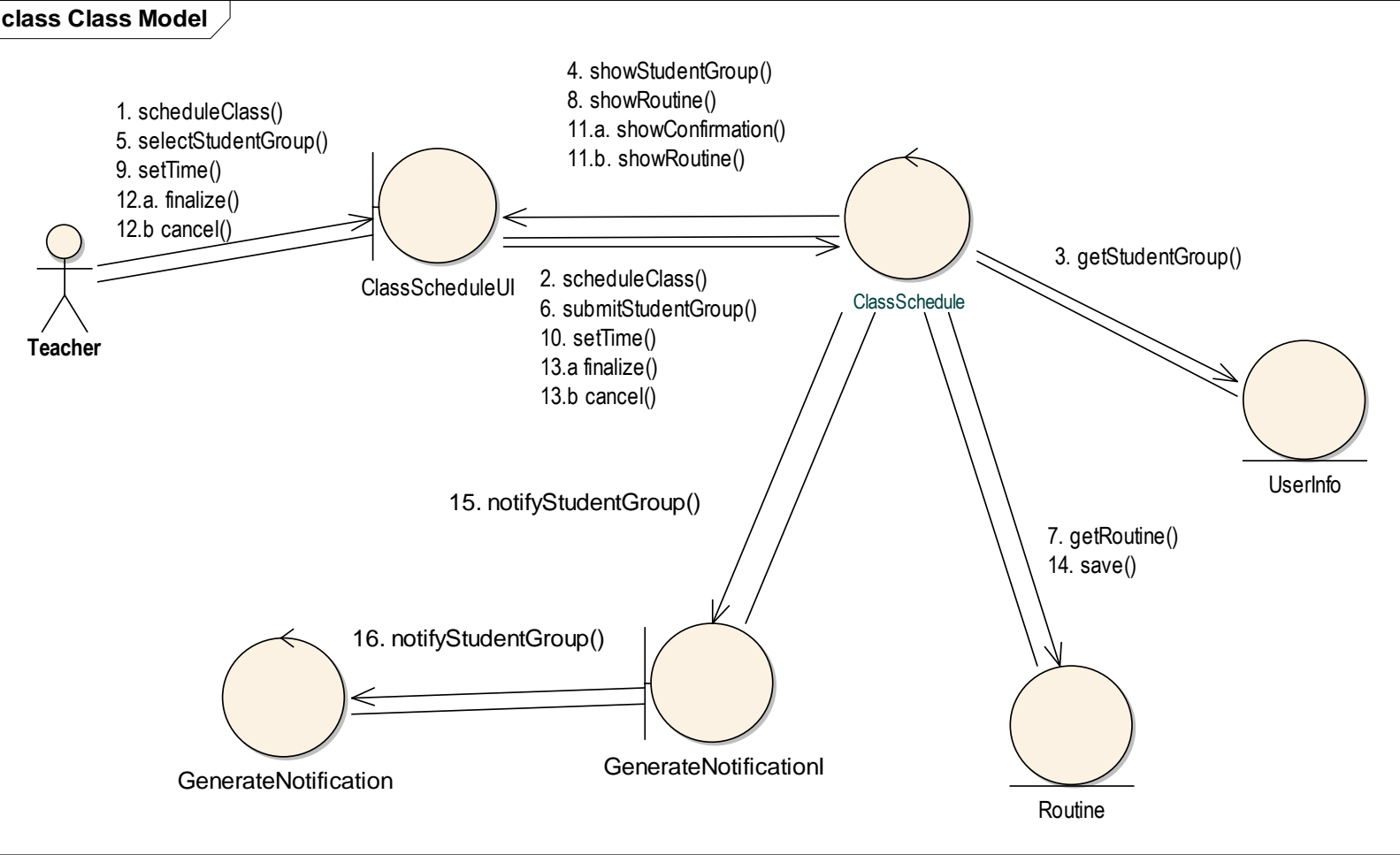


## Marks StateChart Diagram

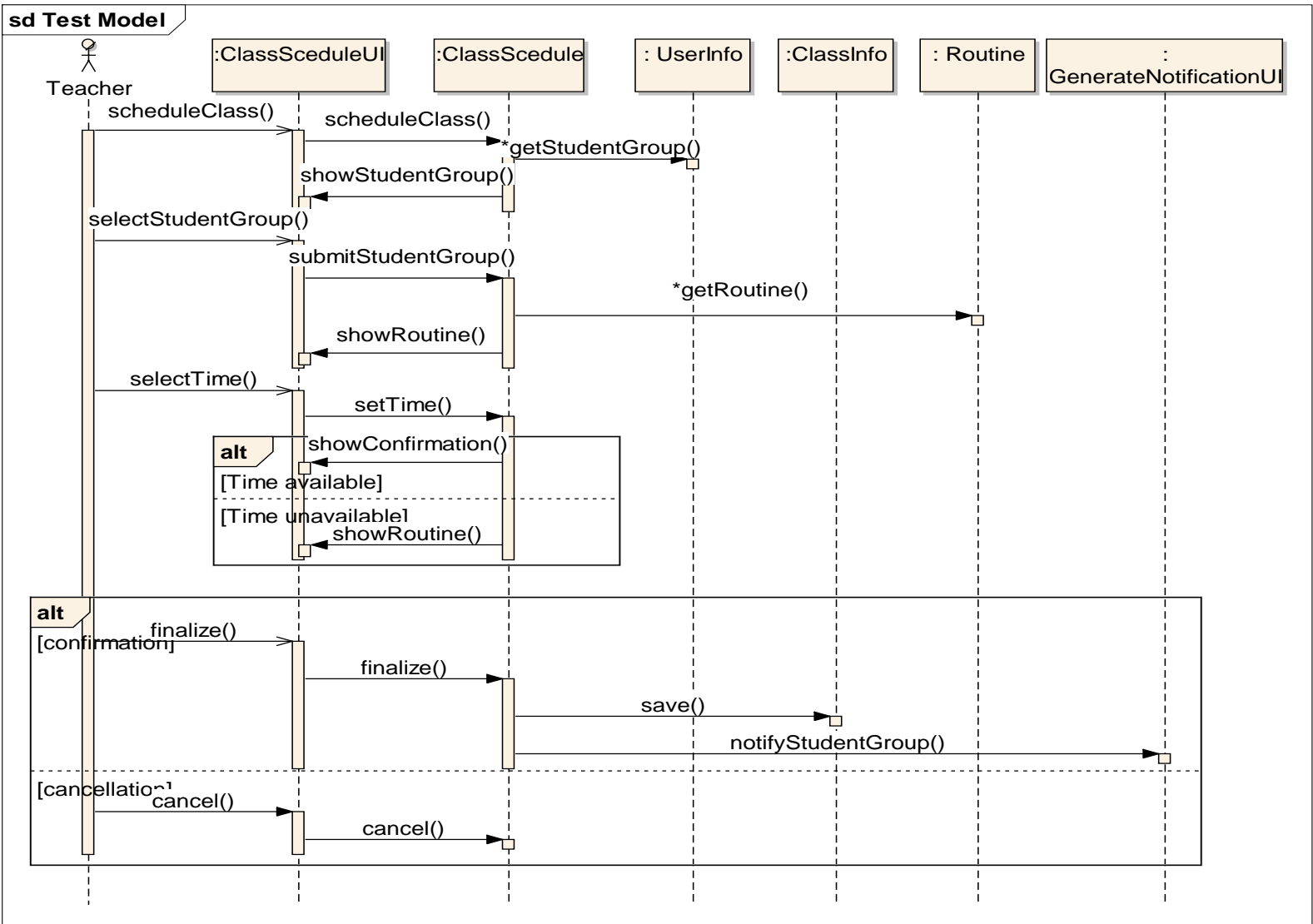


# Class Management System

## ClassSchedule Collaboration Diagram

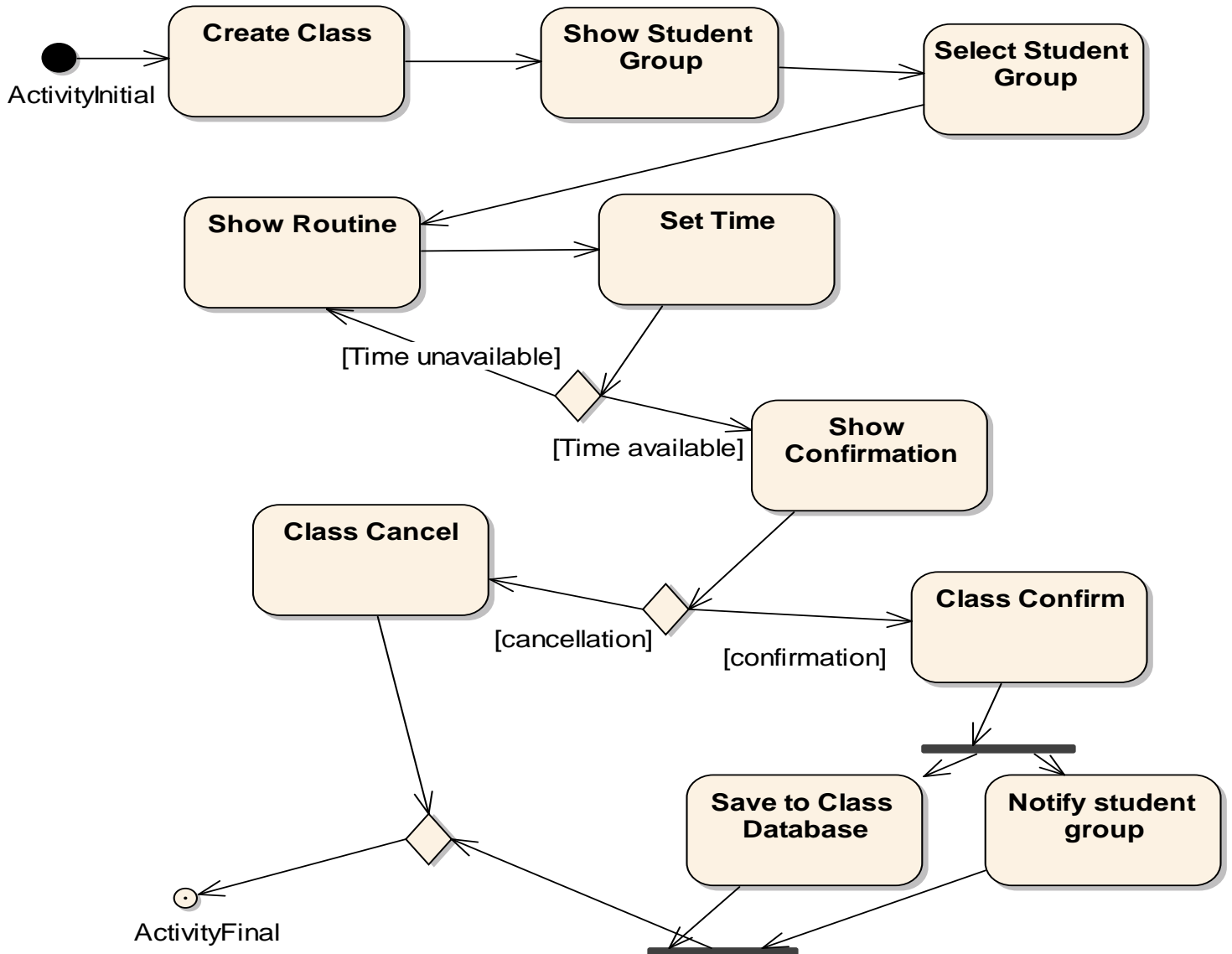


## ClassSchedule Sequence Diagram



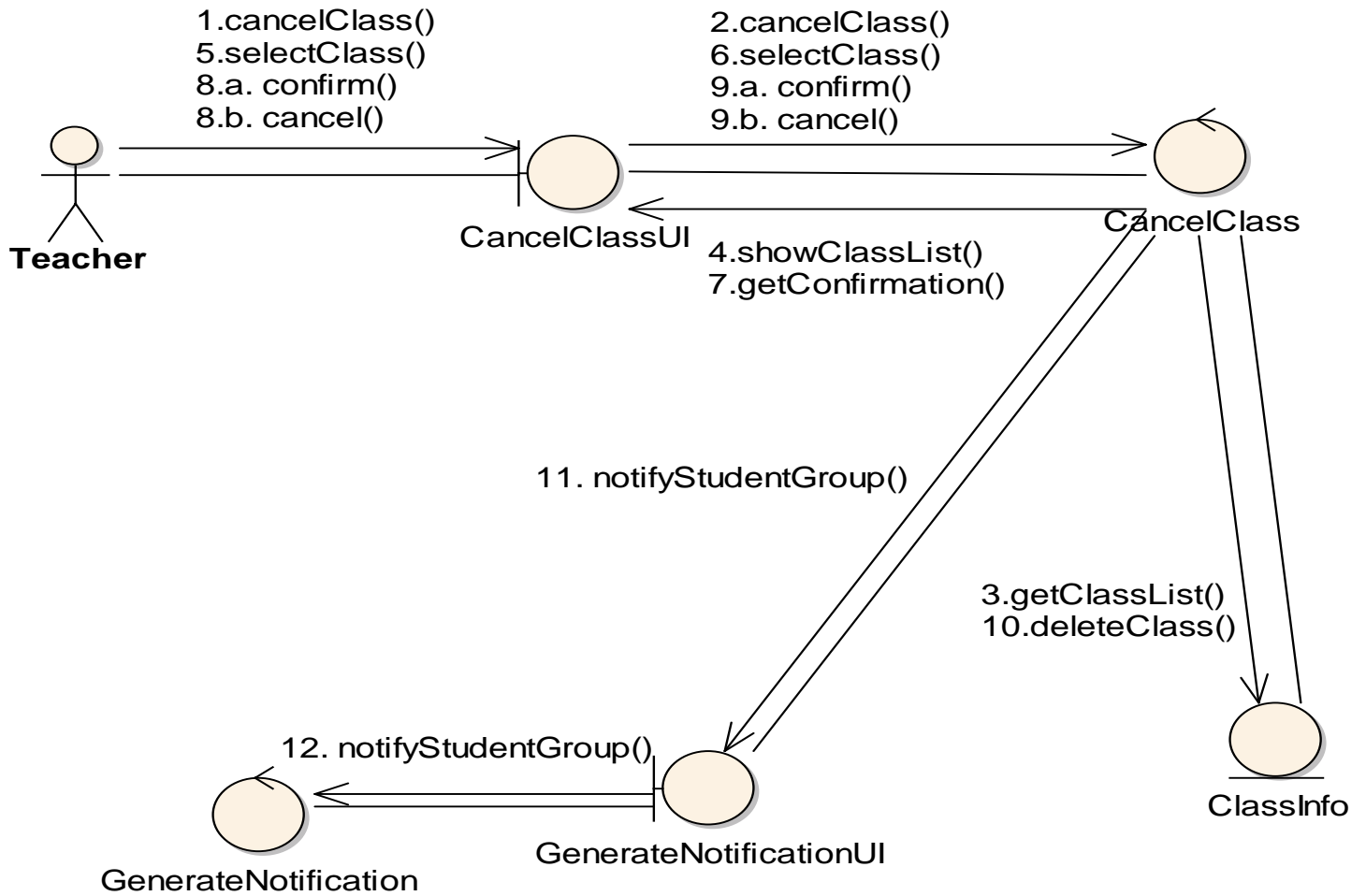
## ClassSchedule Activity Diagram

### act Analysis Model



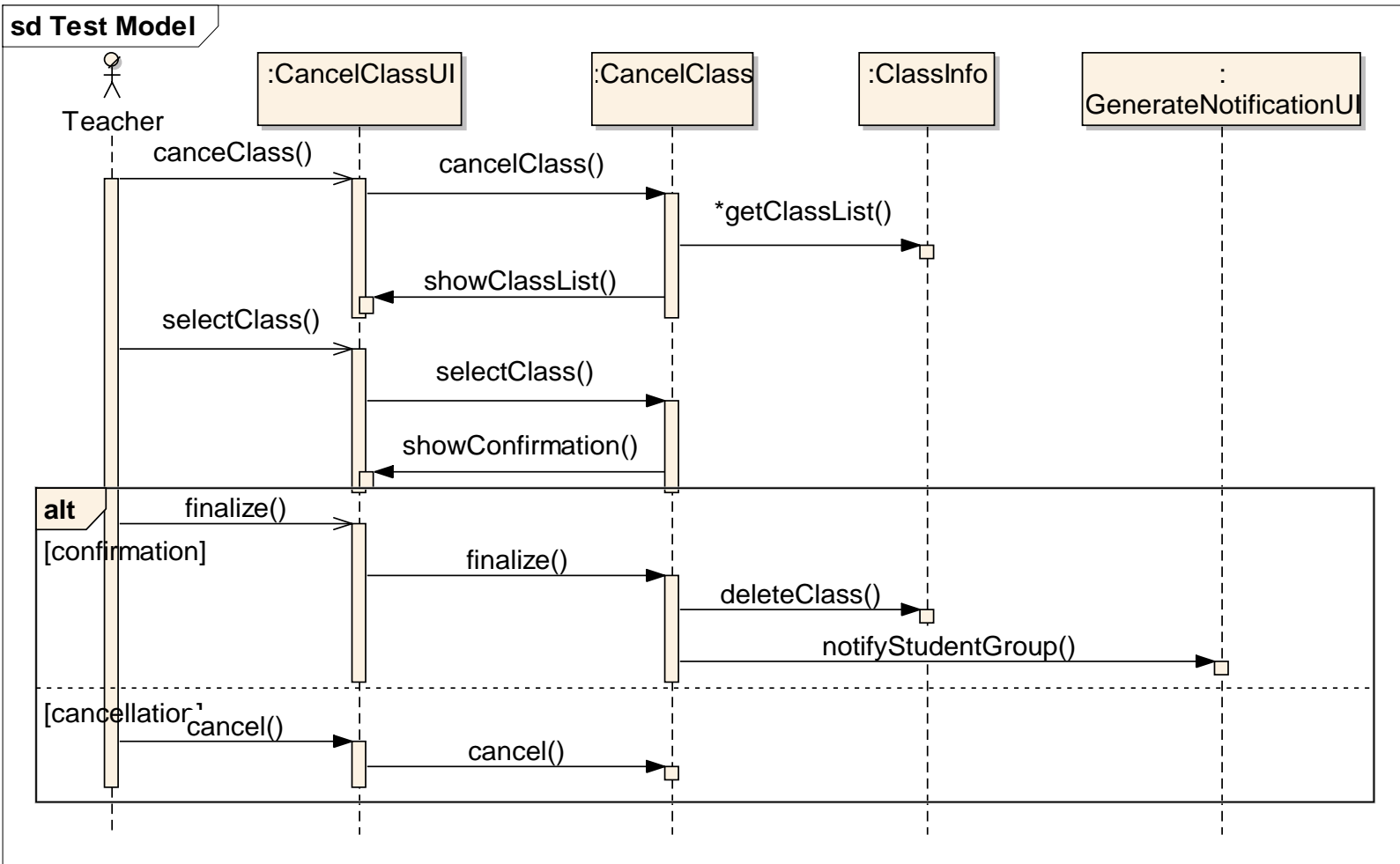
## CancelClass Collaboration Diagram

### analysis Analysis Model



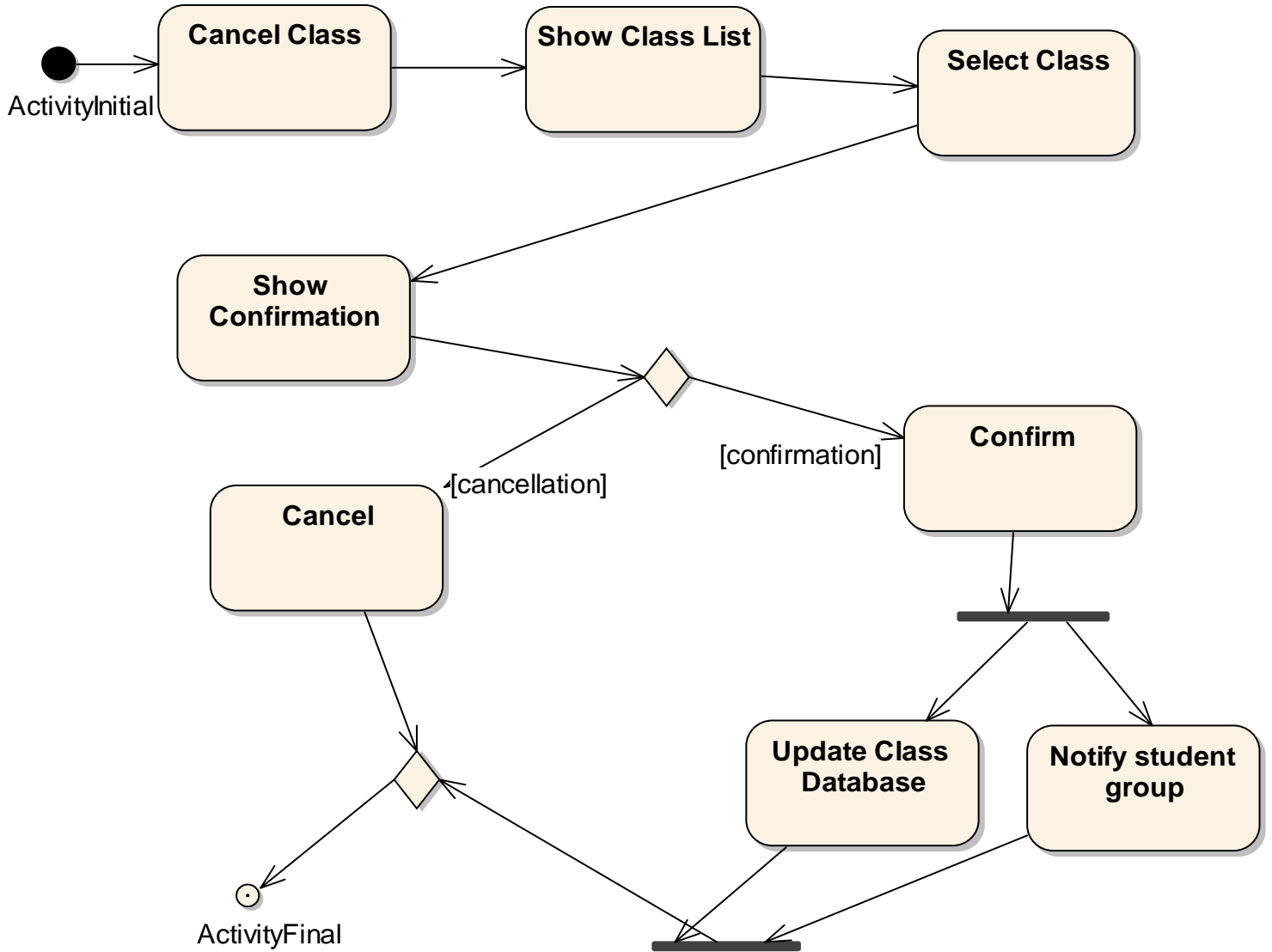


## CancelClass Sequence Diagram

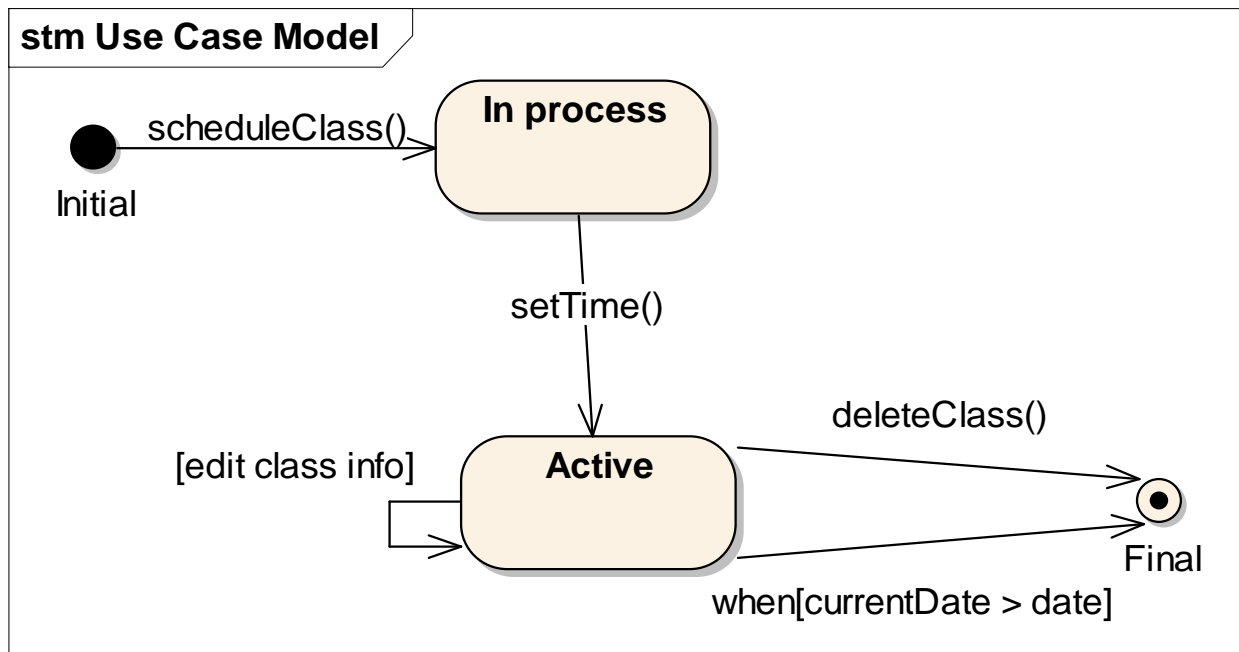


## CancelClass Activity Diagram

### act Analysis Model

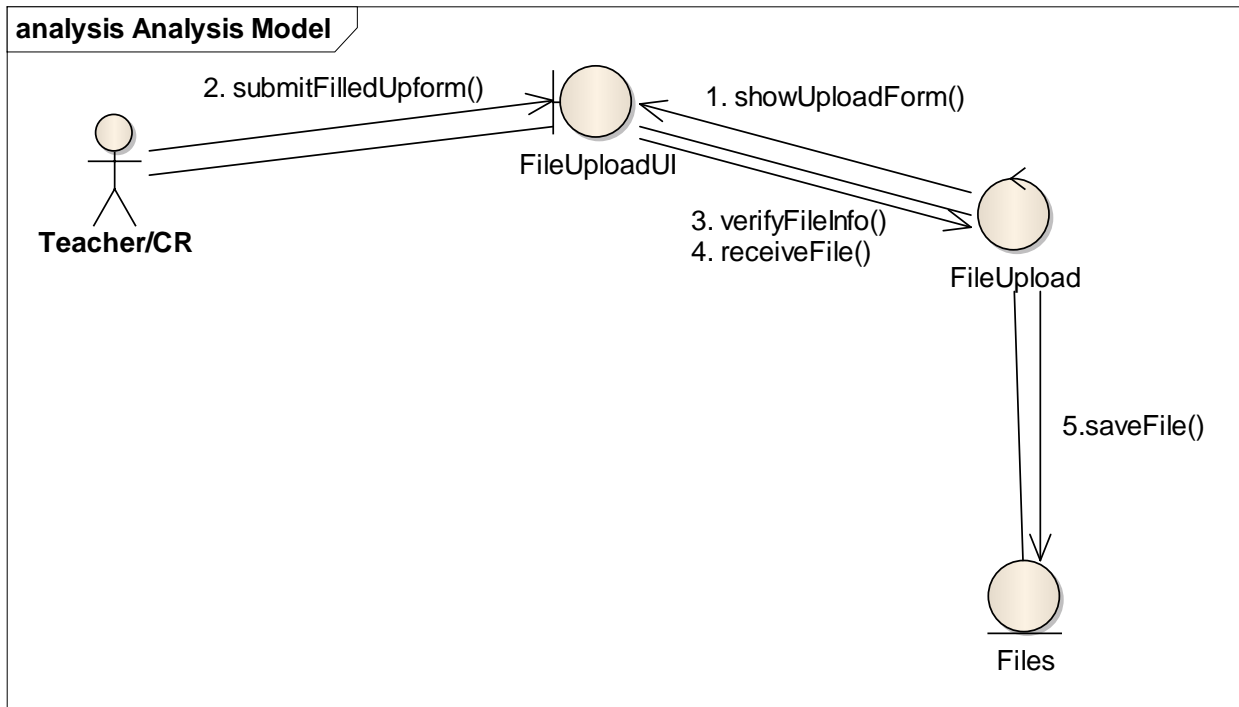


## ClassInfo StateChart Diagram

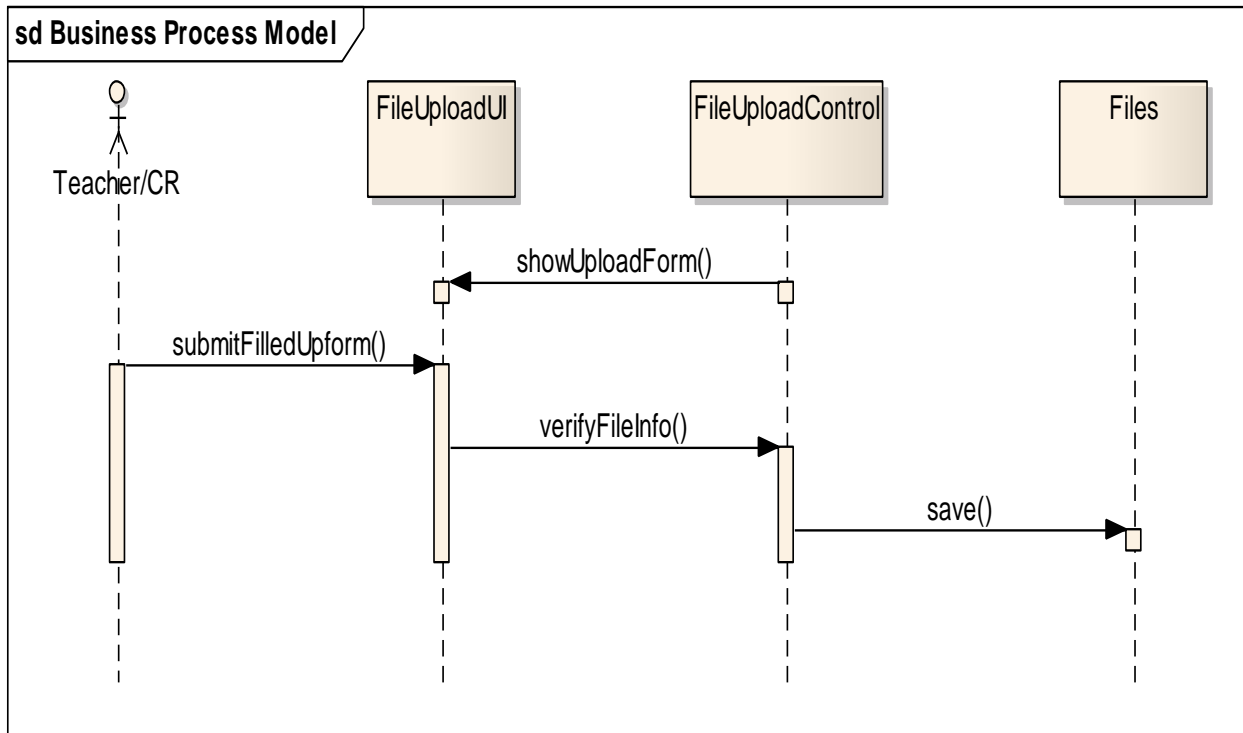


# Course Content Management System

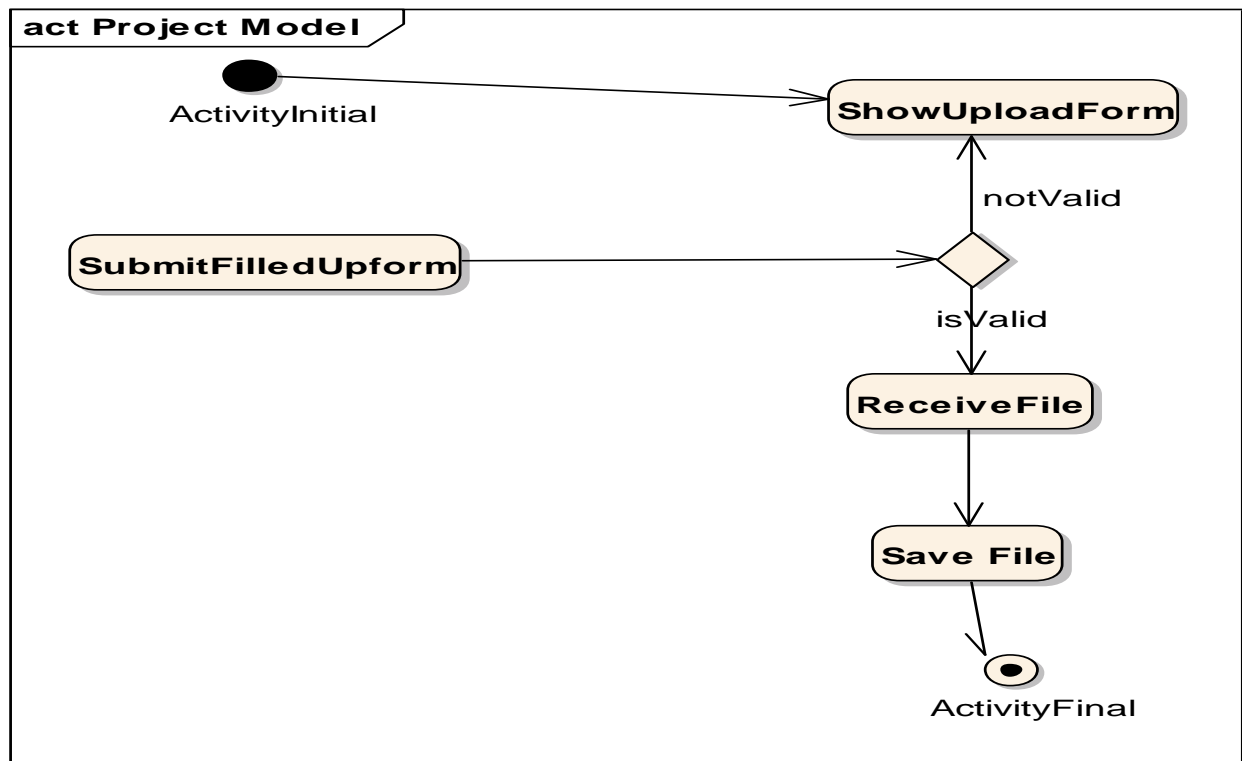
## File Upload Collaboration Diagram



## FileUpload Sequence

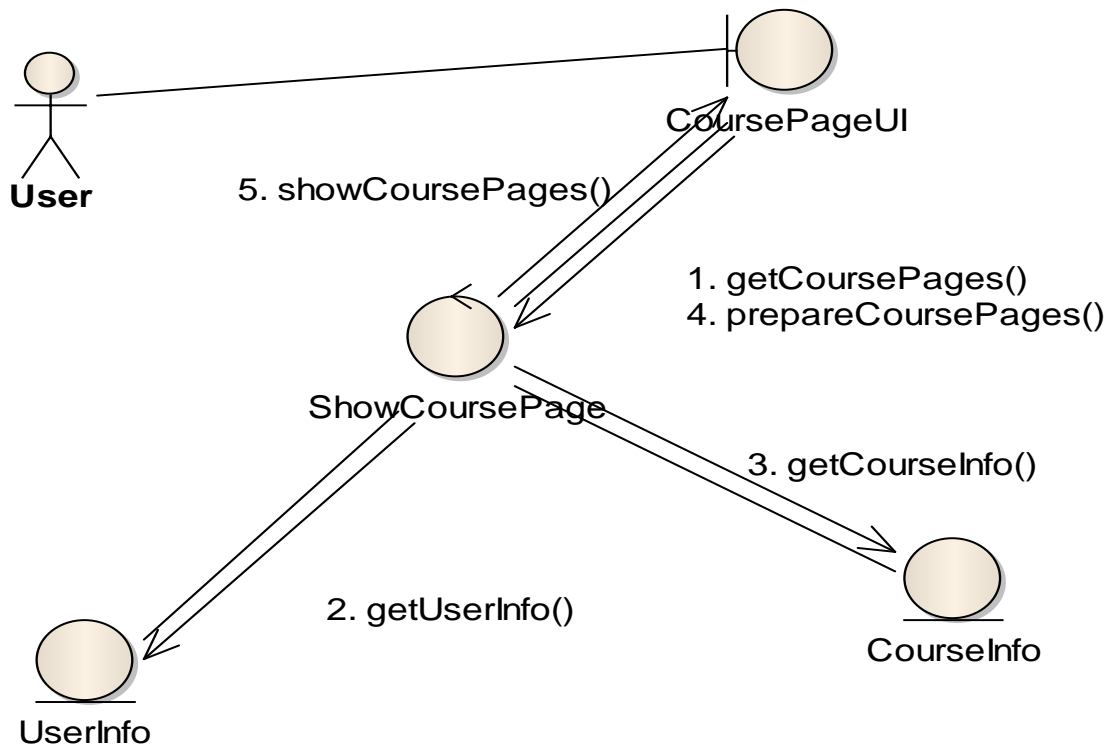


## FileUpload Activity

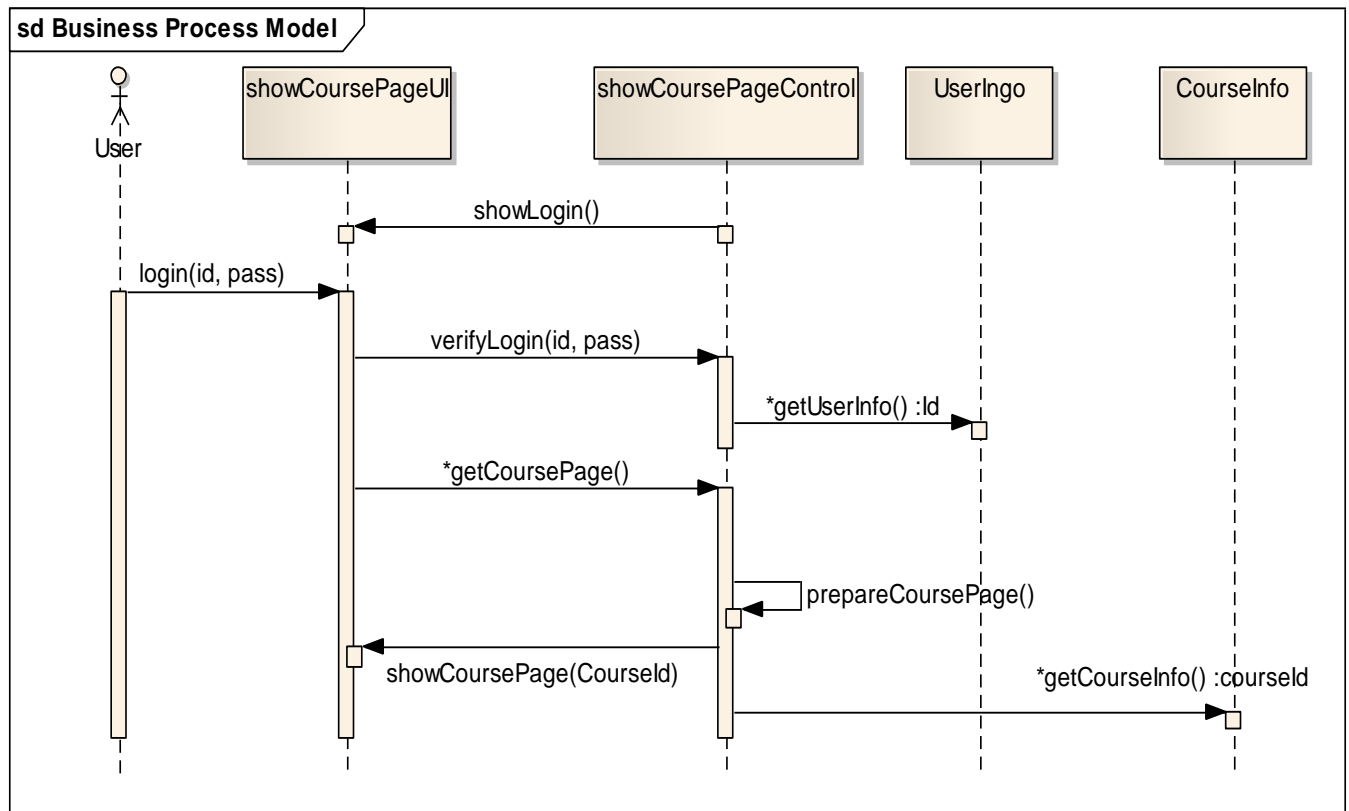


CourseContent Management  
showCoursePage

analysis Analysis View

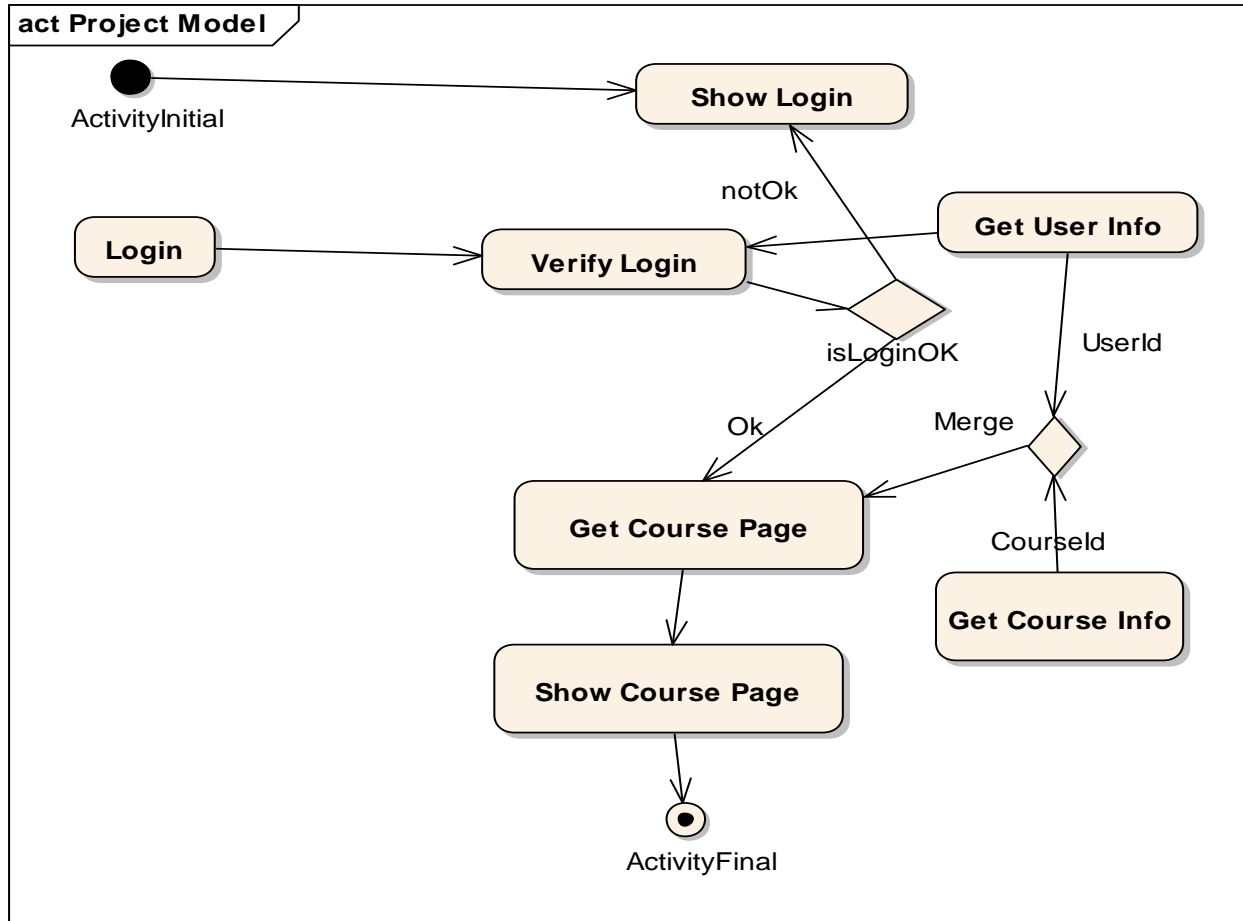


## ShowCoursePage Sequence

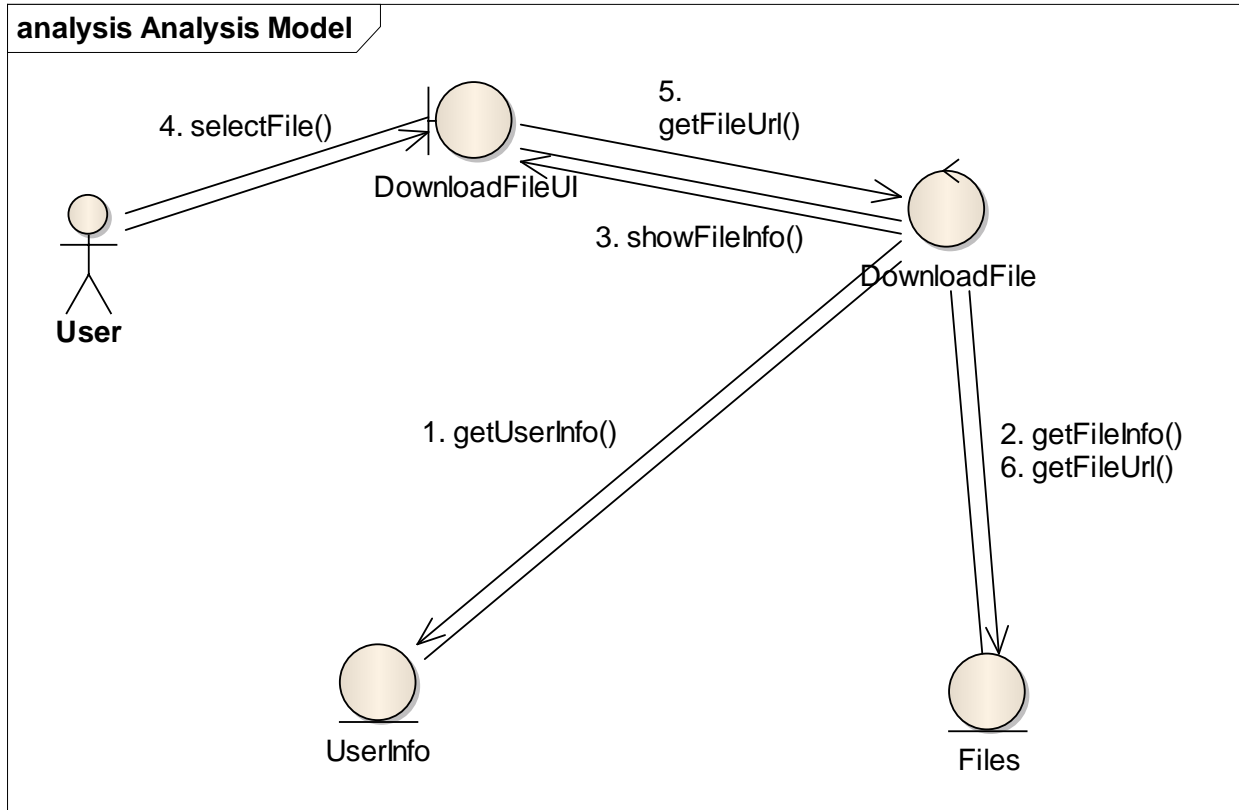




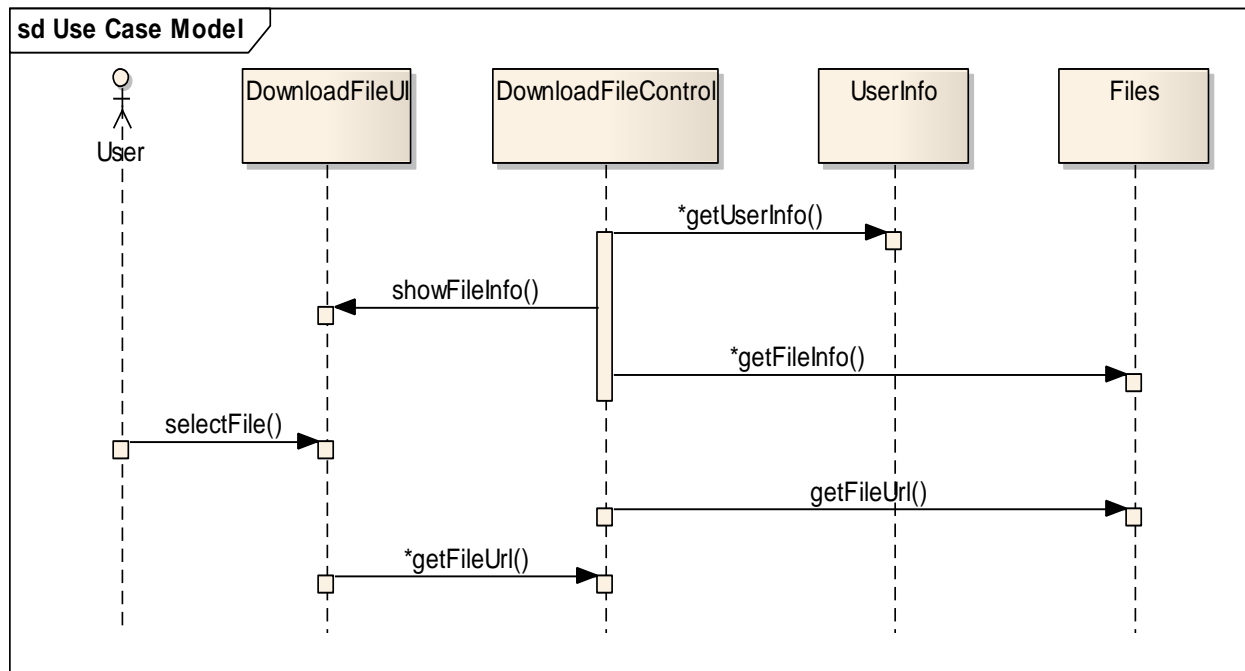
## showCoursePage Sequence



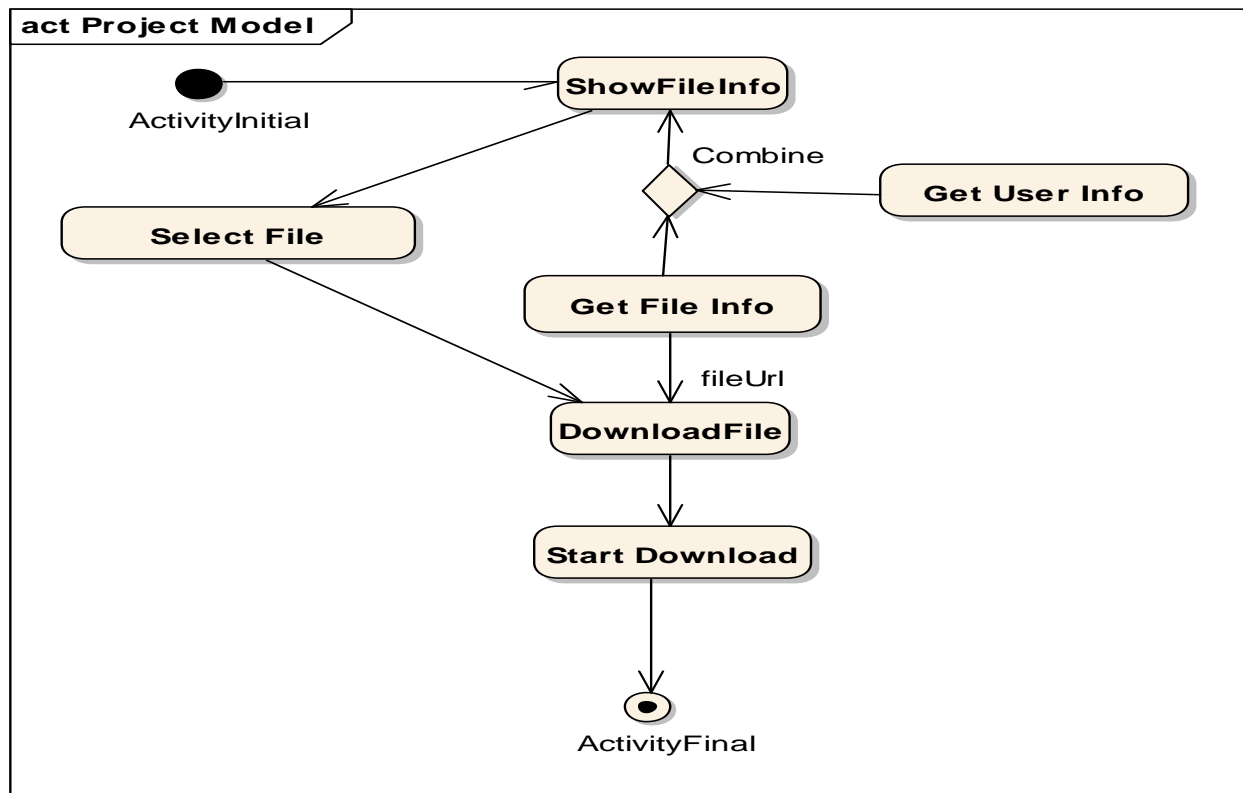
## File Download Collaboration Diagram



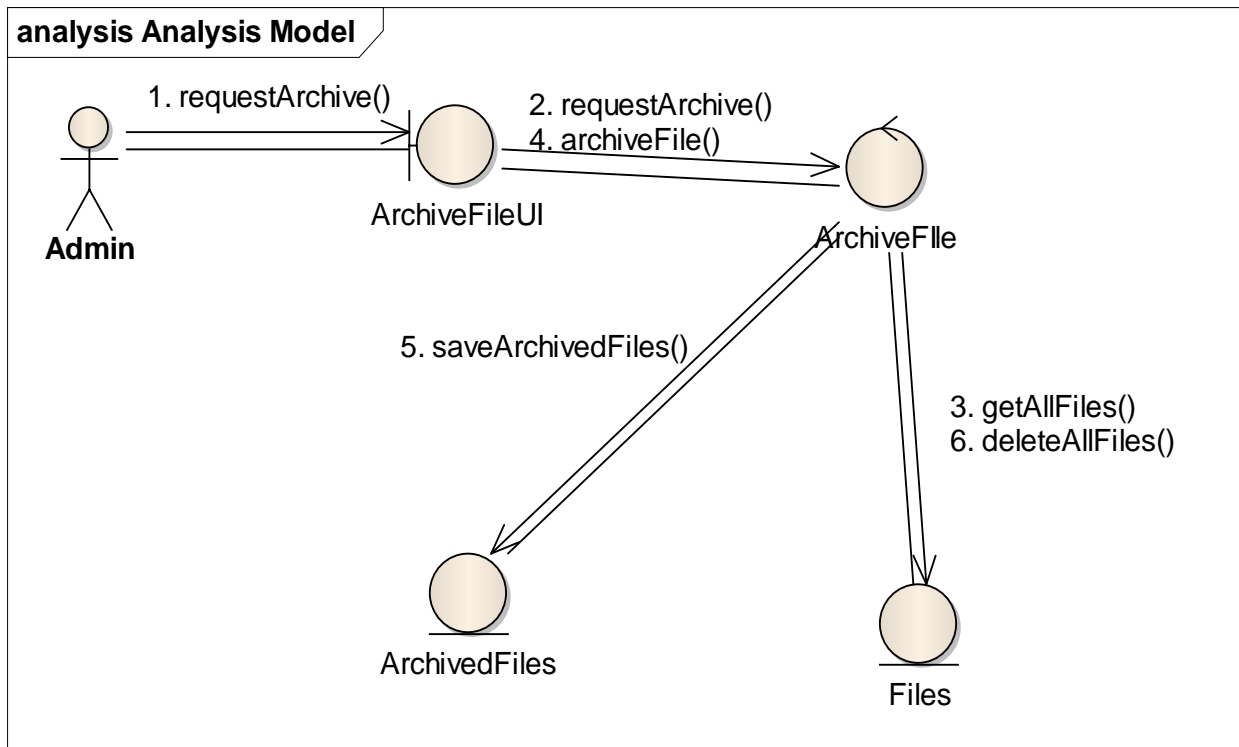
### File Download Sequence



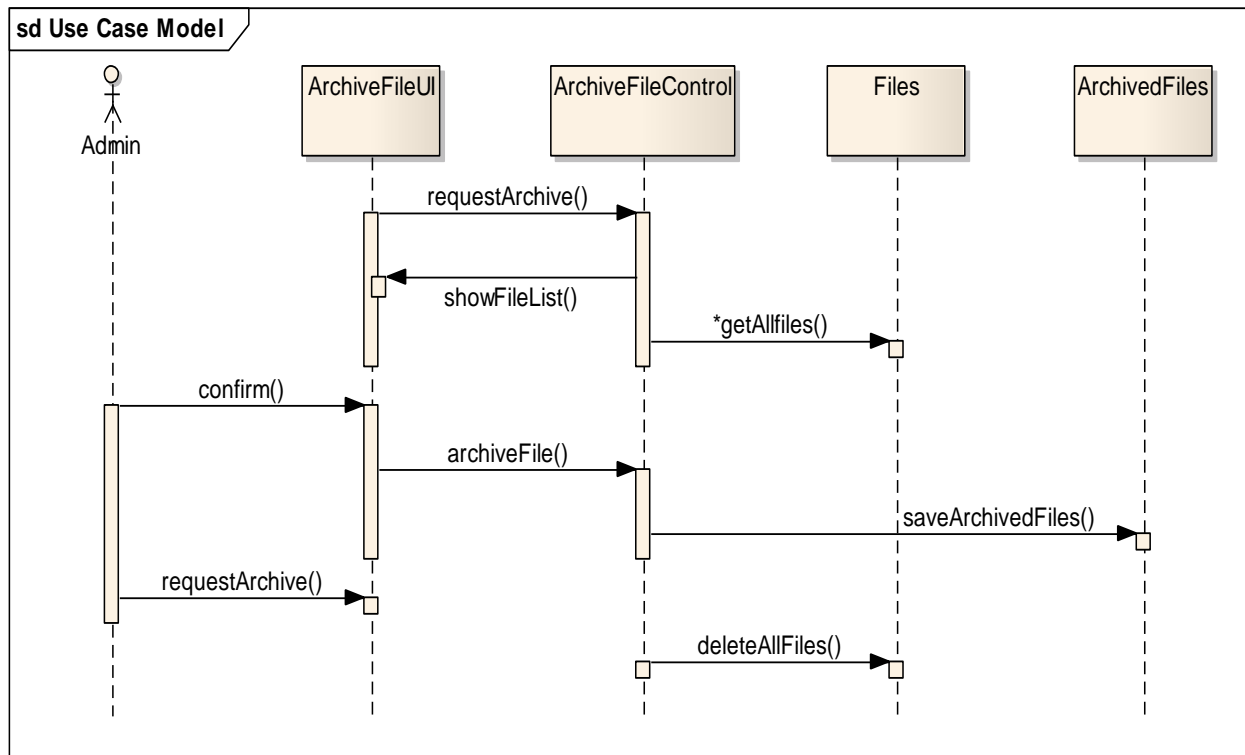
## File Download Activity



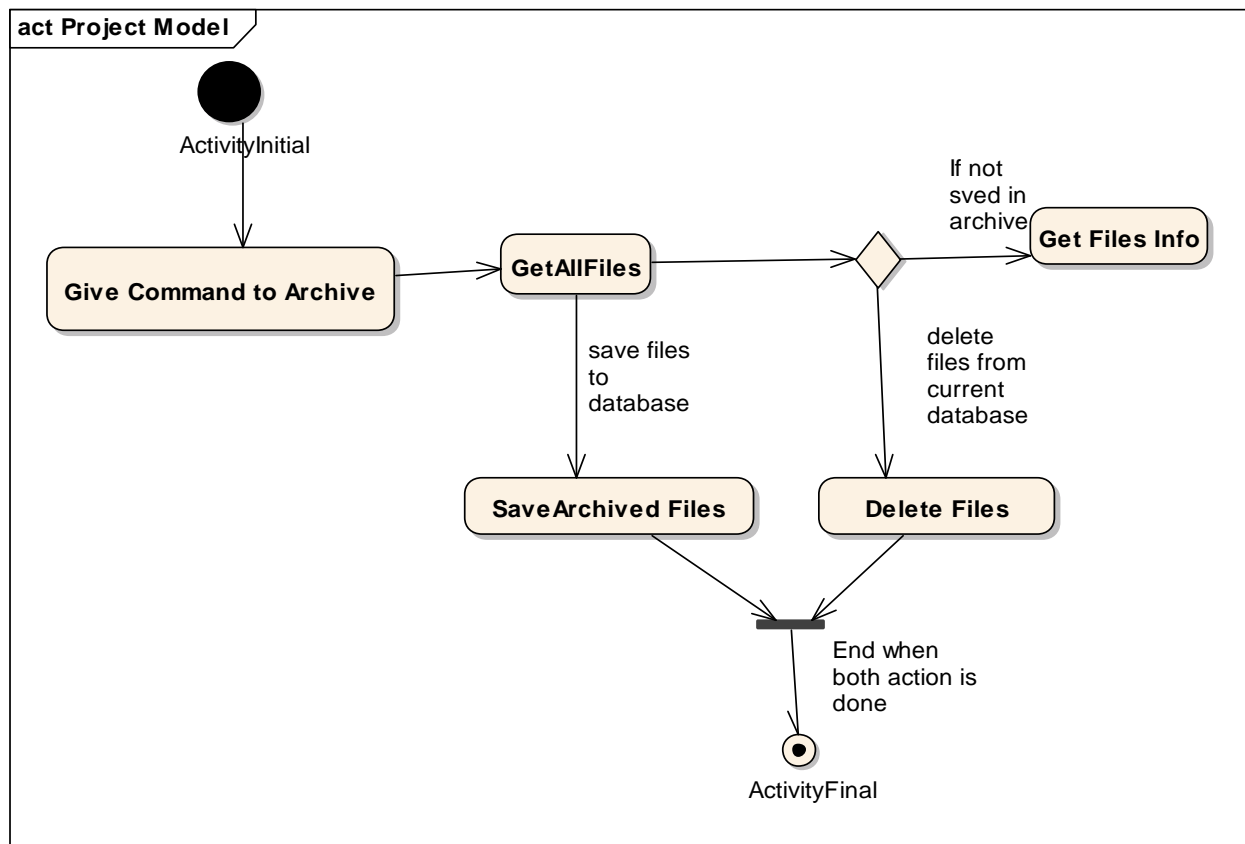
## Archive Files Collaboration Diagram



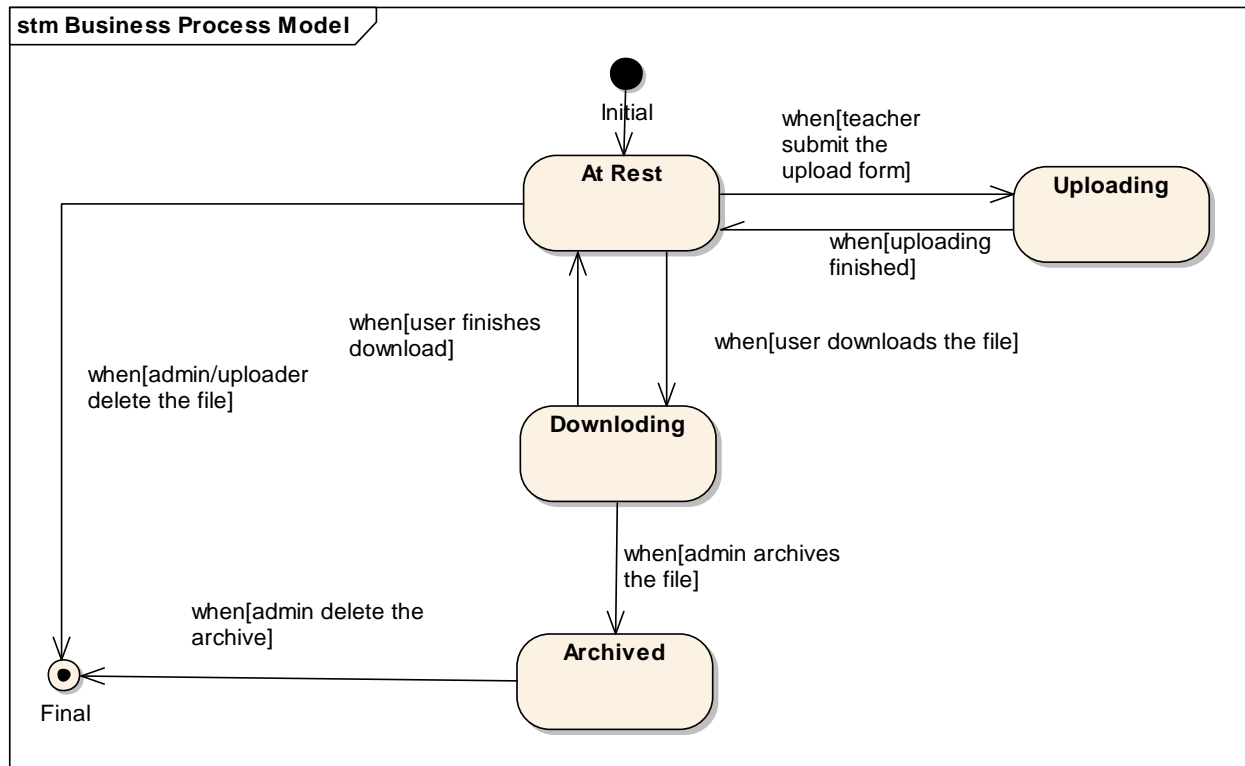
## ArchiveFile Sequence



## Archive File Activity



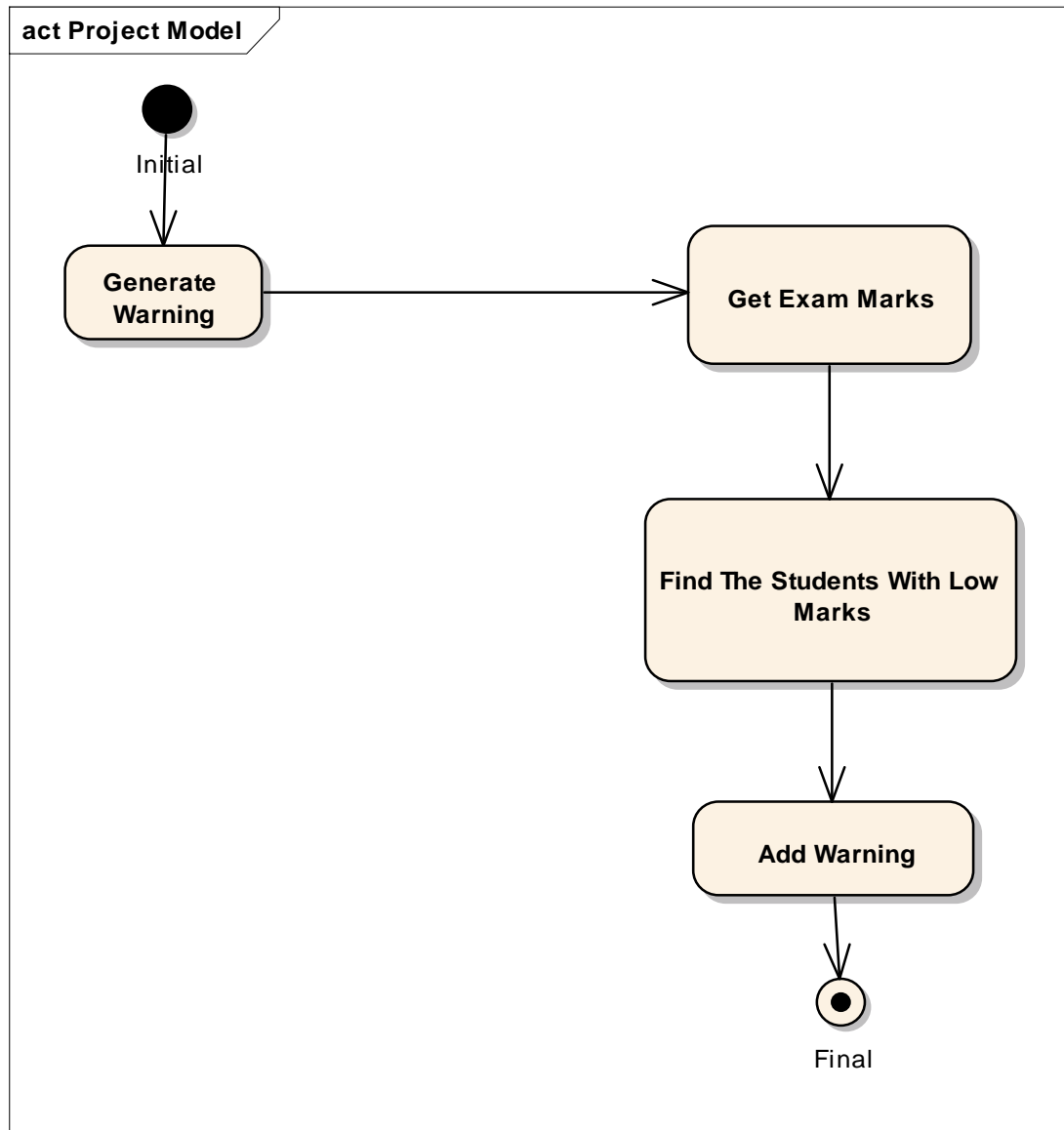
## Files State chart



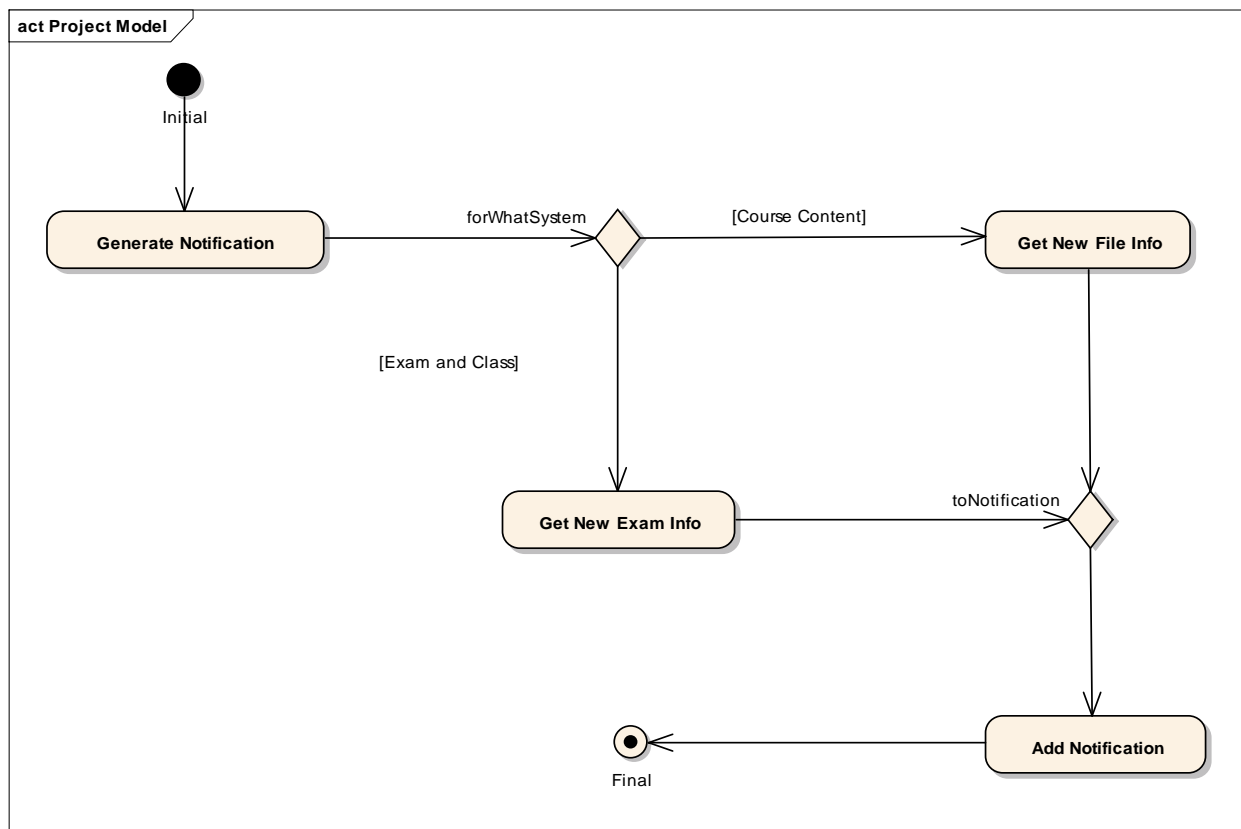


# Notification and Warning System

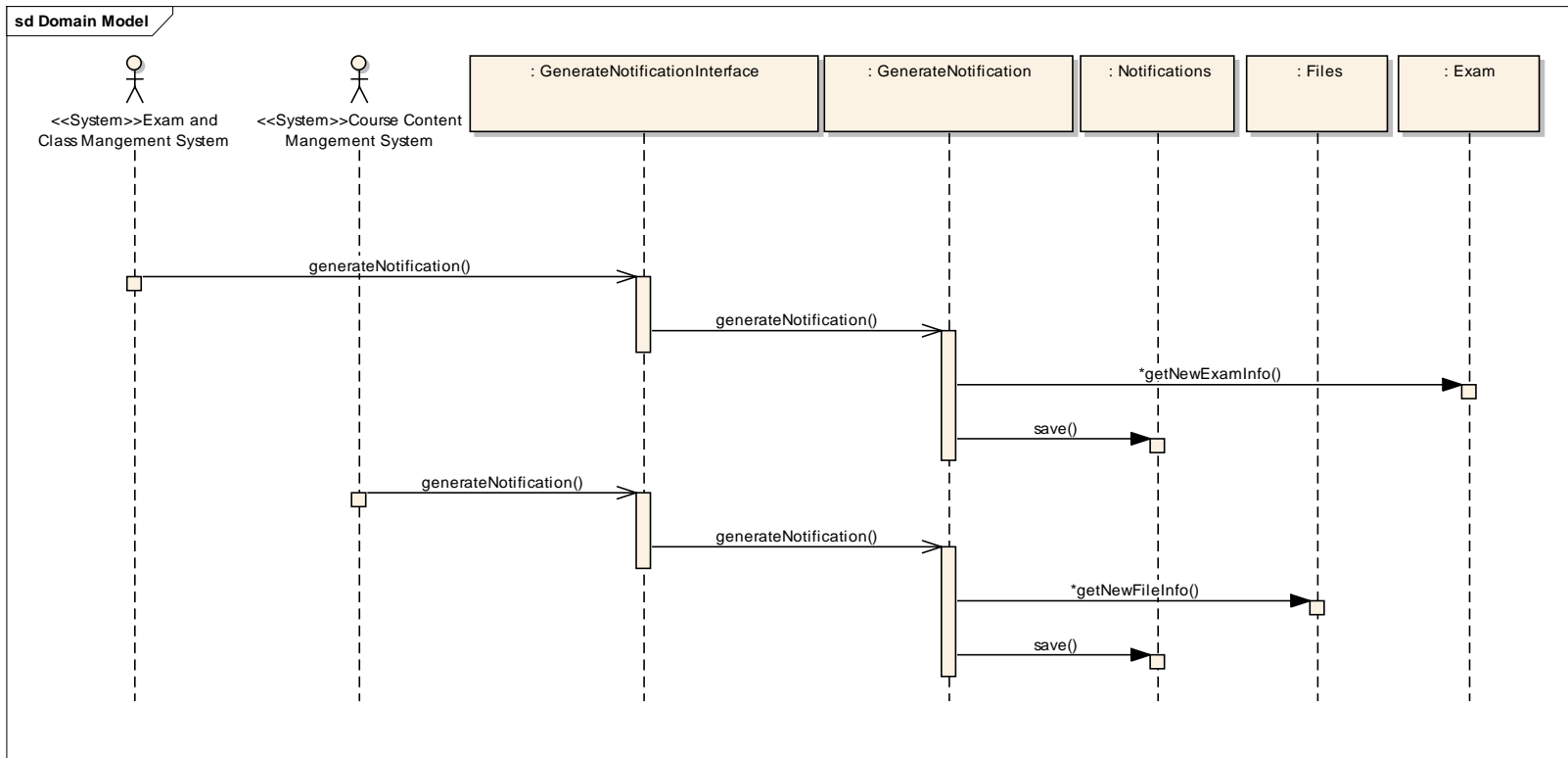
Warning state chart



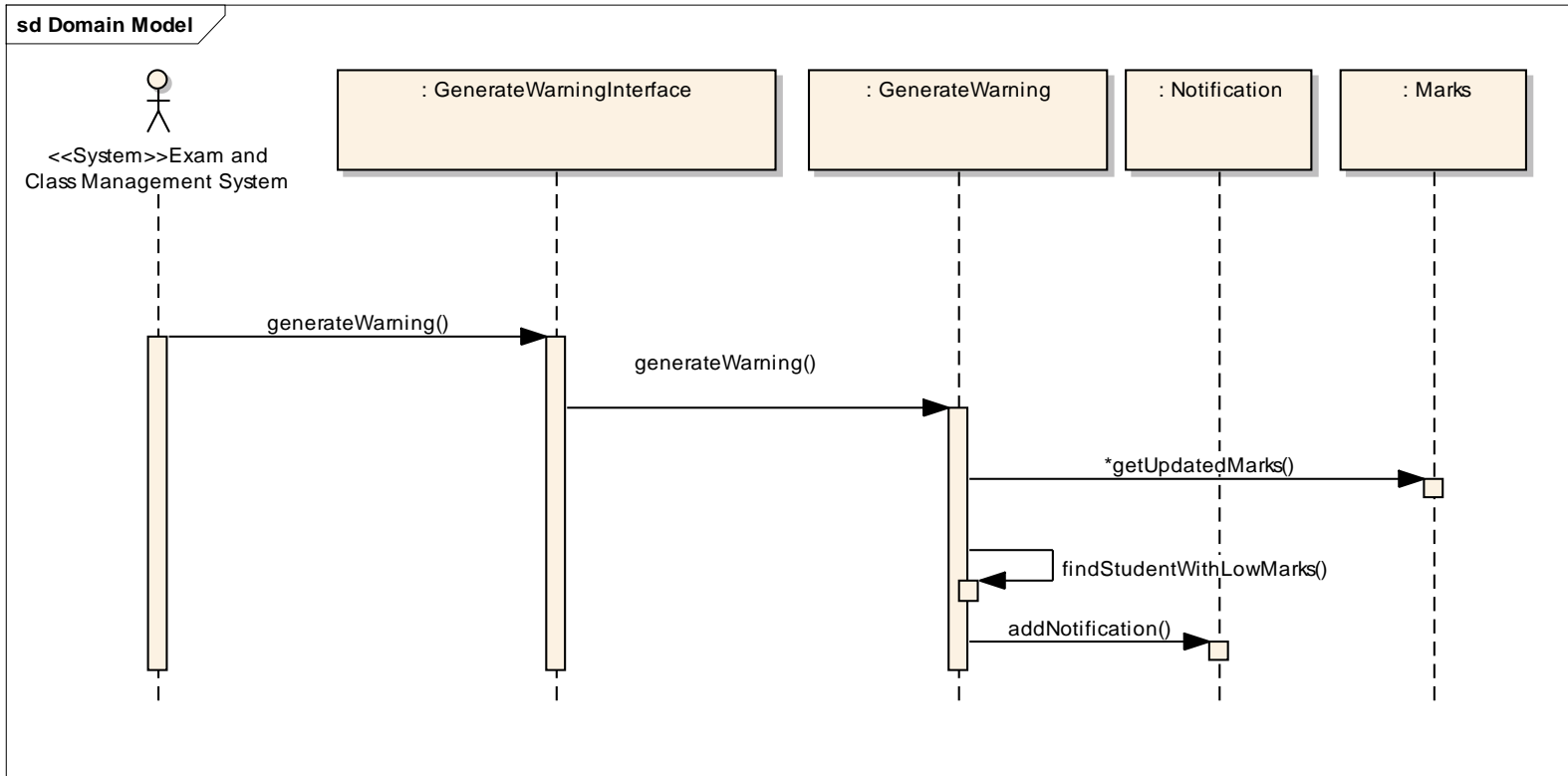
## Generate Notification Activity Diagram



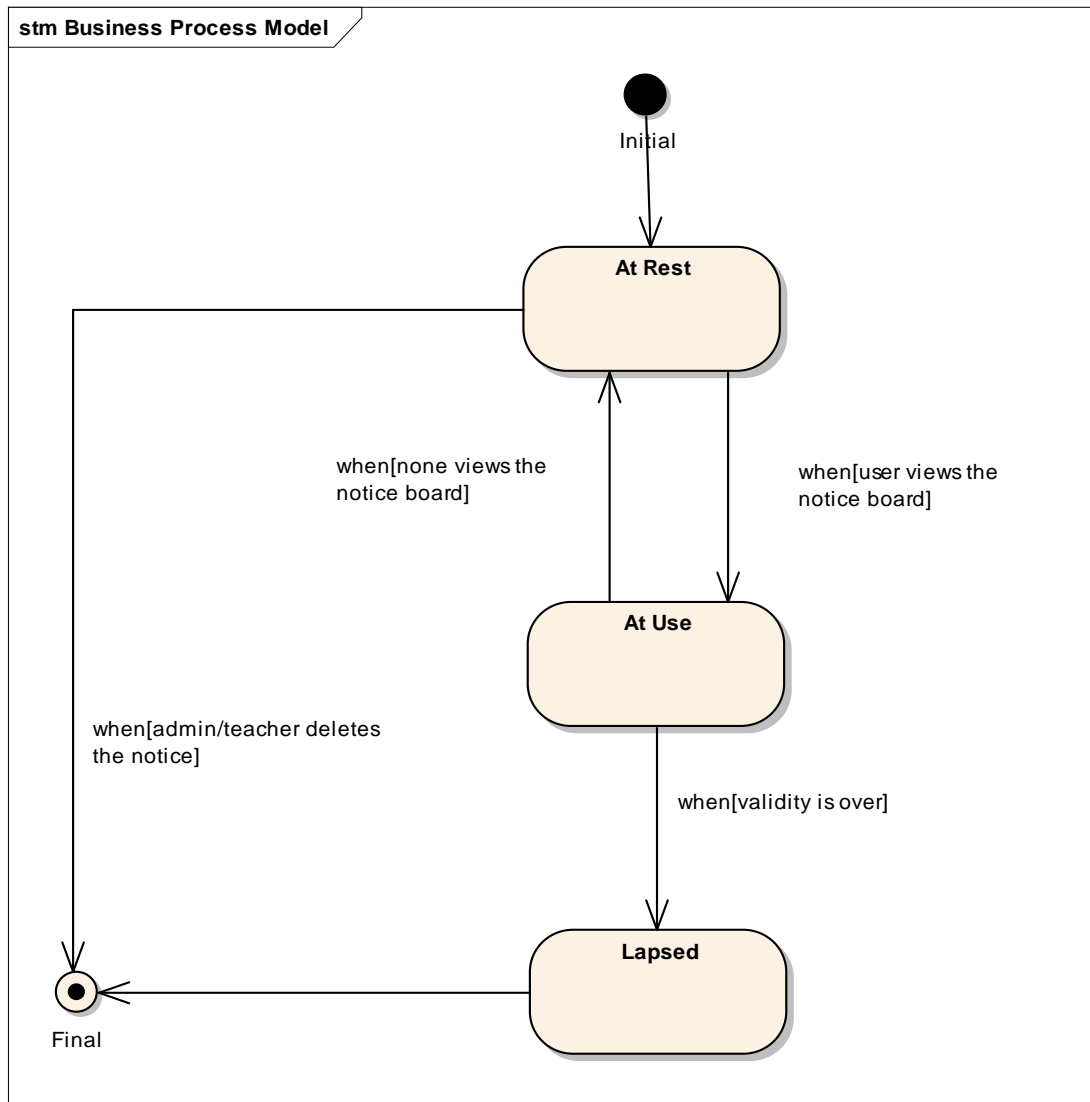
## Generate Notification Sequence Diagram



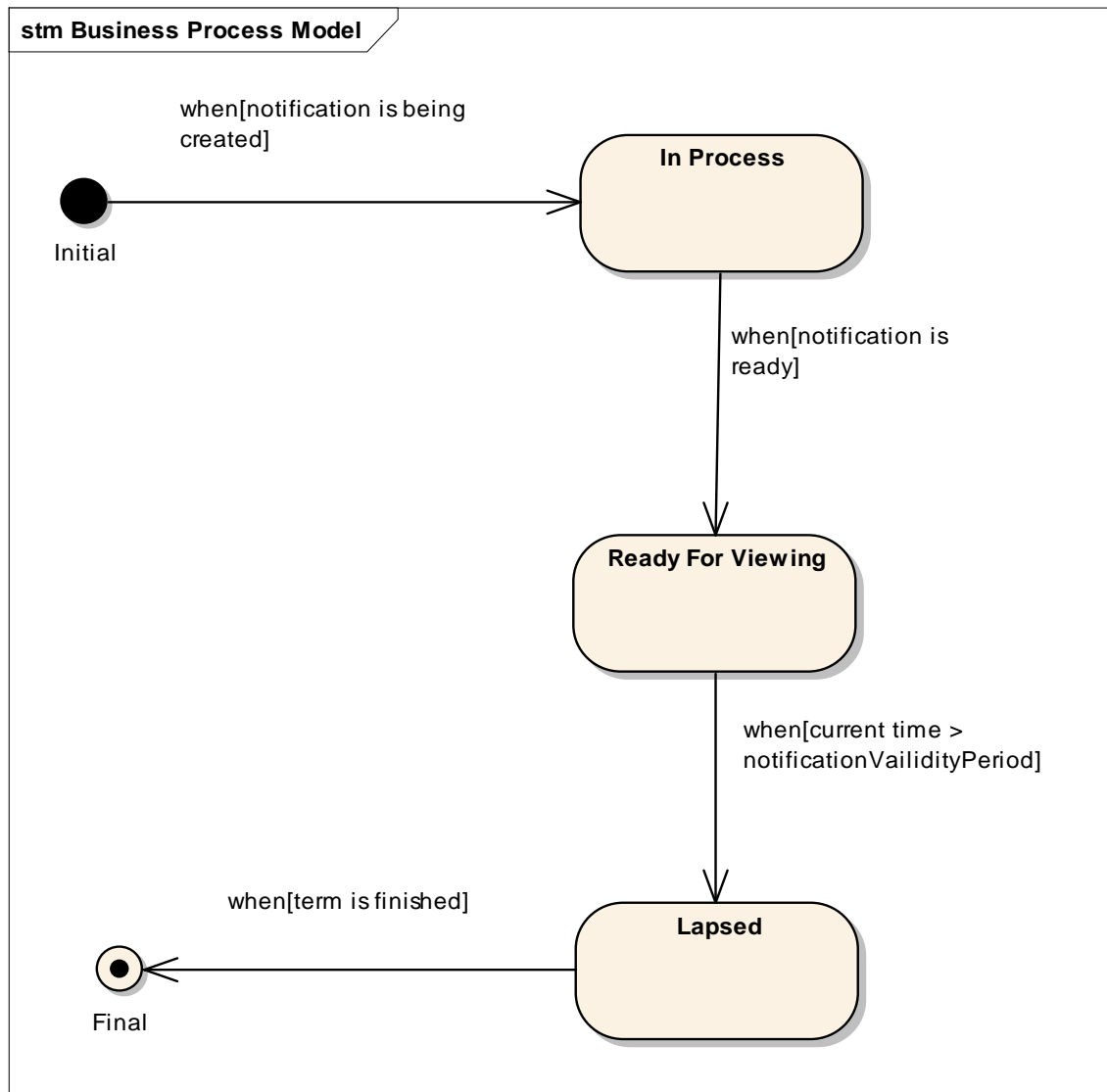
## Generate Warning Sequence Diagram



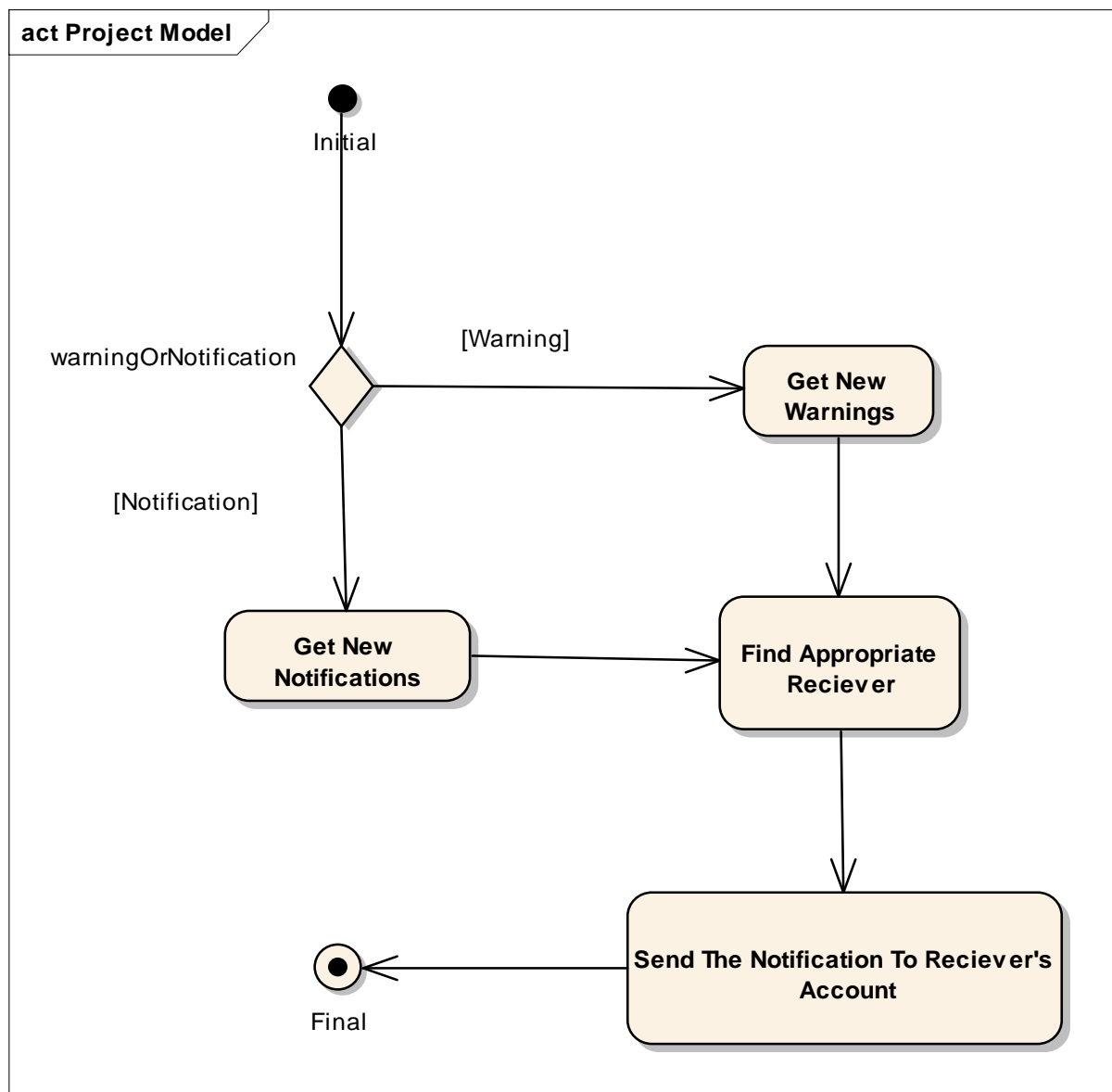
## Notice State chart Diagram



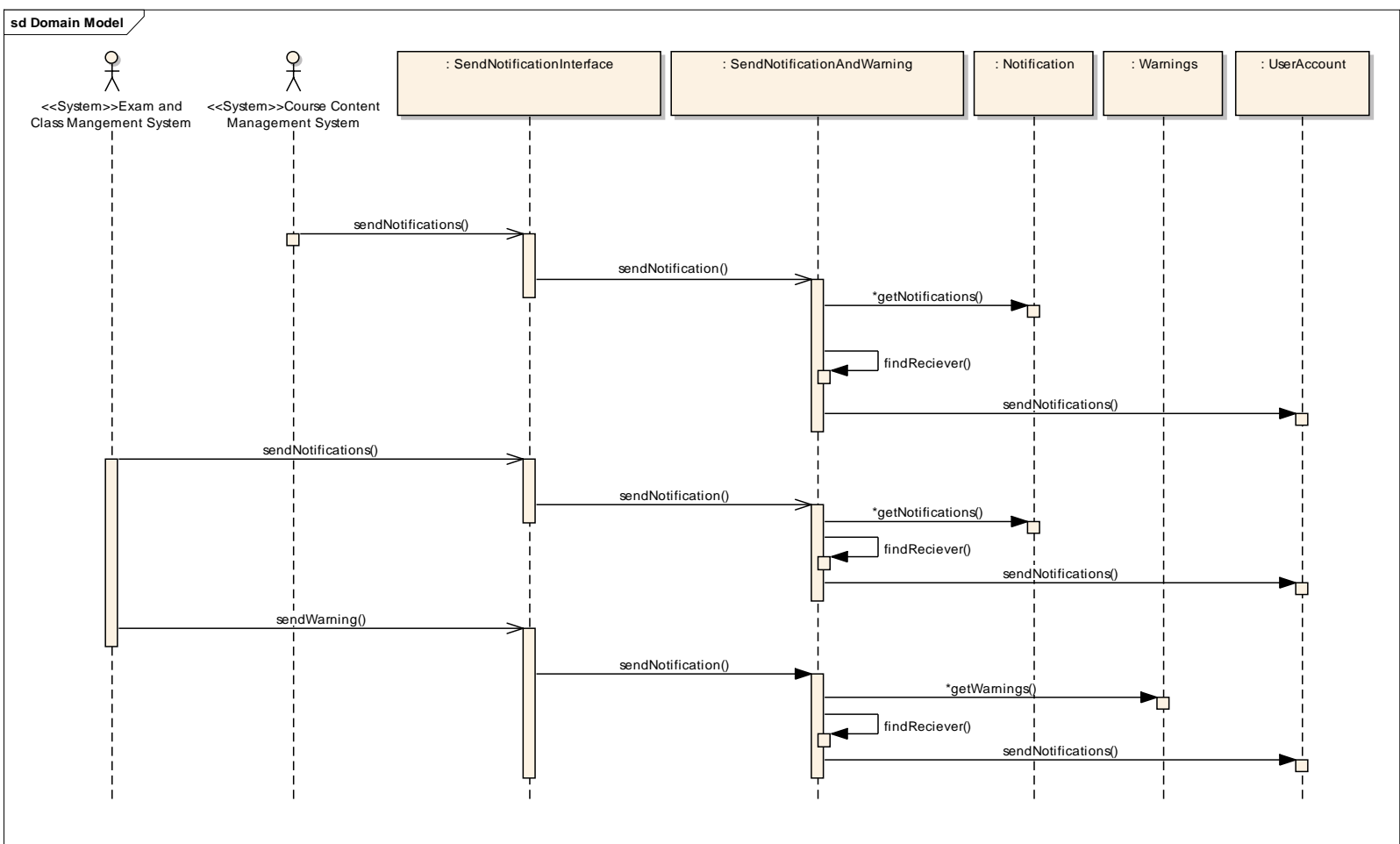
## Notification State chart Diagram



## Warning Activity Diagram

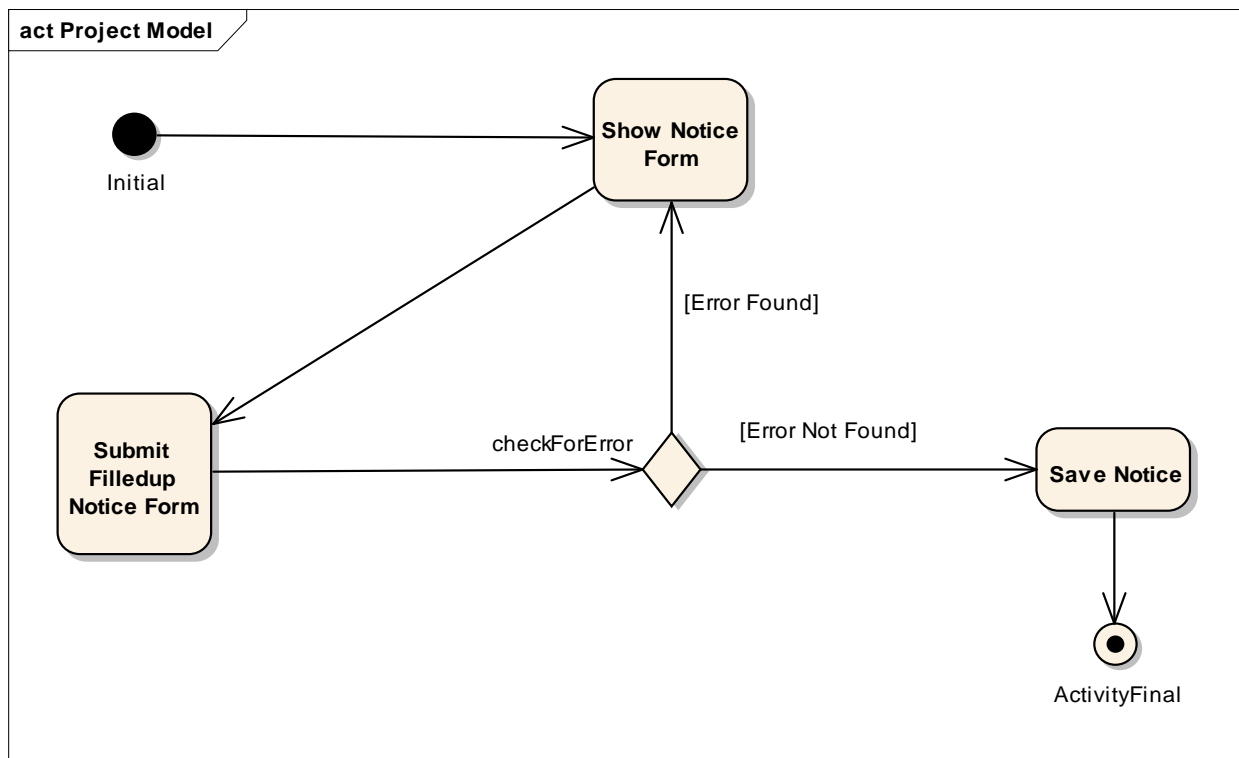


## Send Notification Sequence Diagram

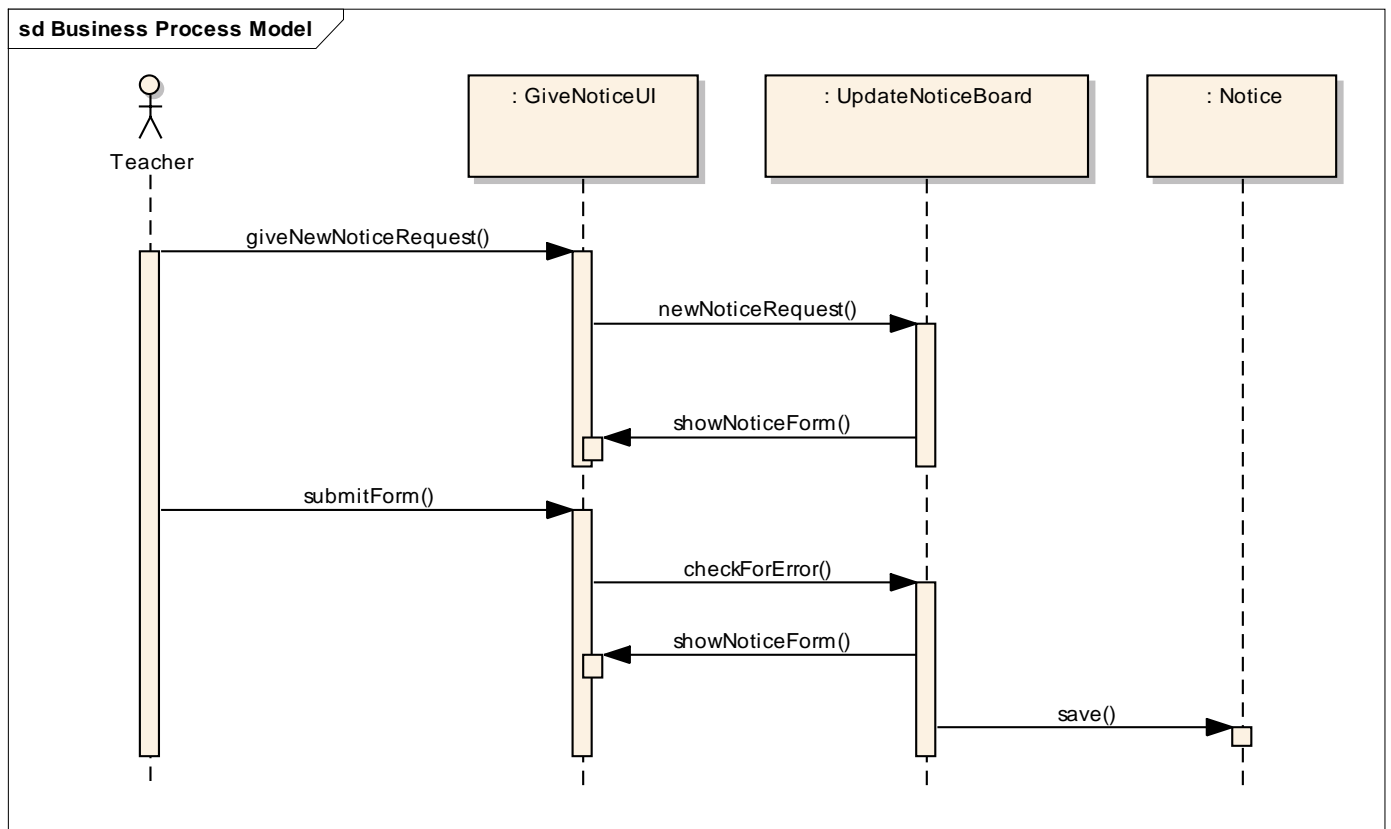




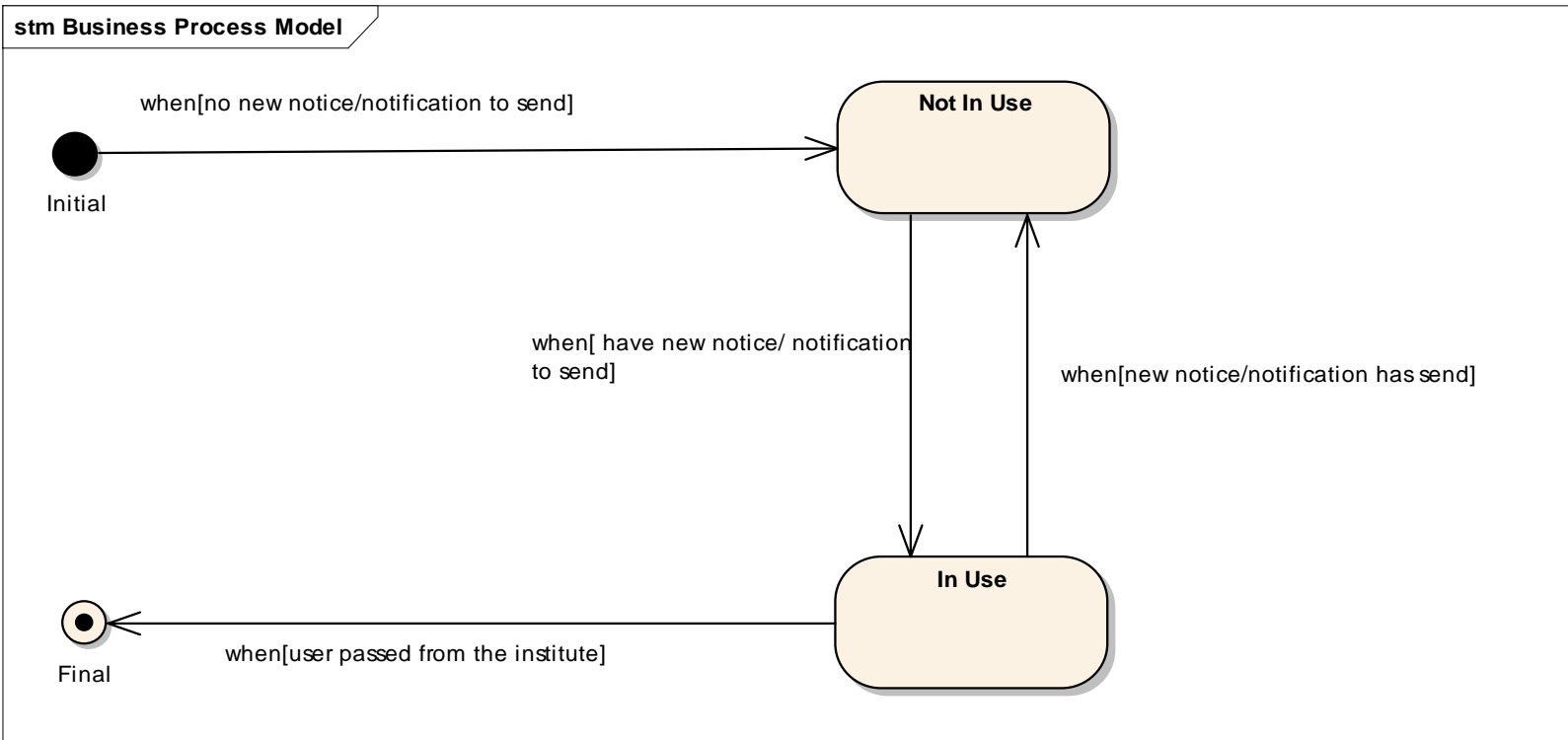
## Update Notice Board Activity



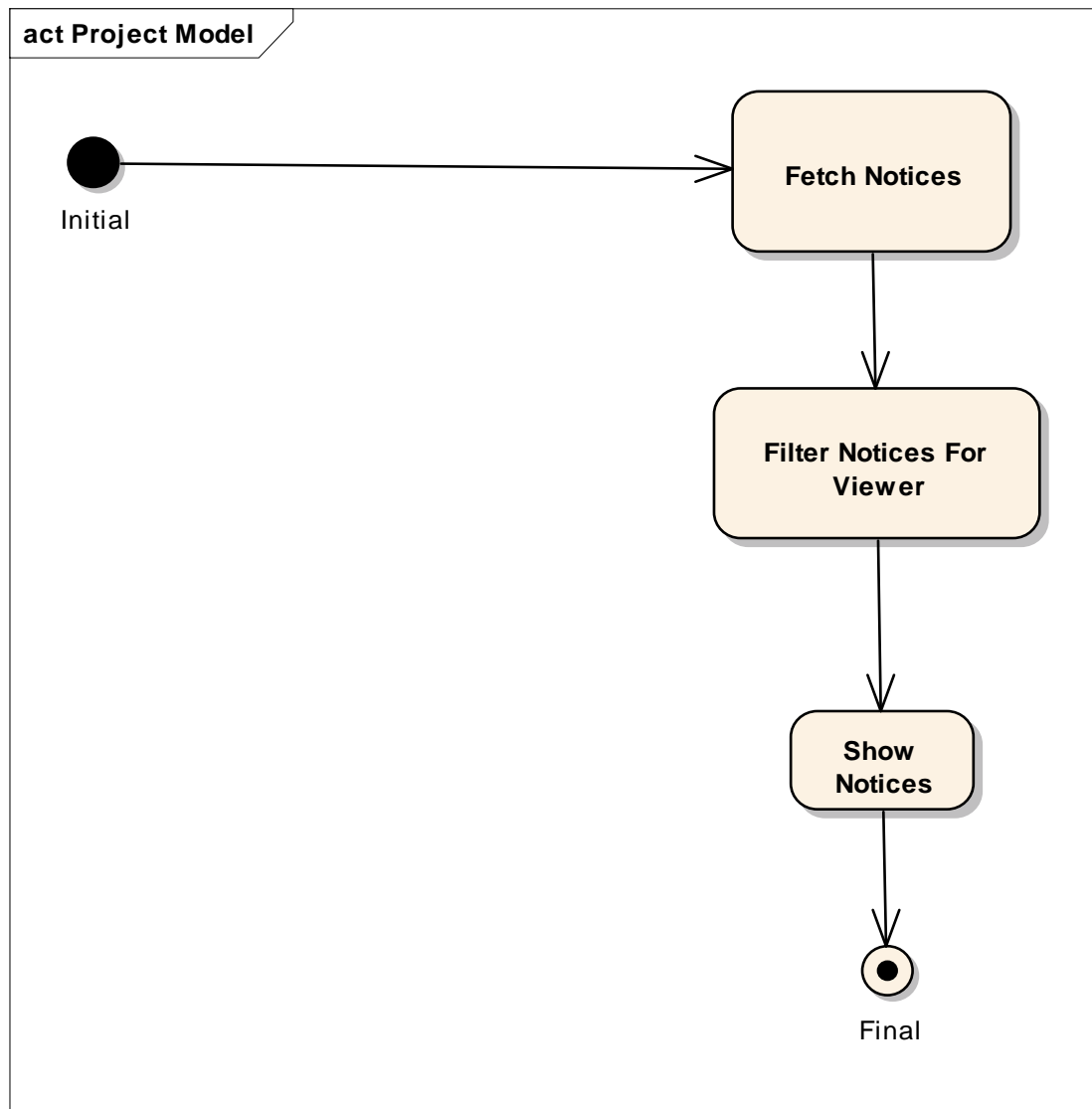
## Update Notice Board Sequence



## Notification State Chart Diagram

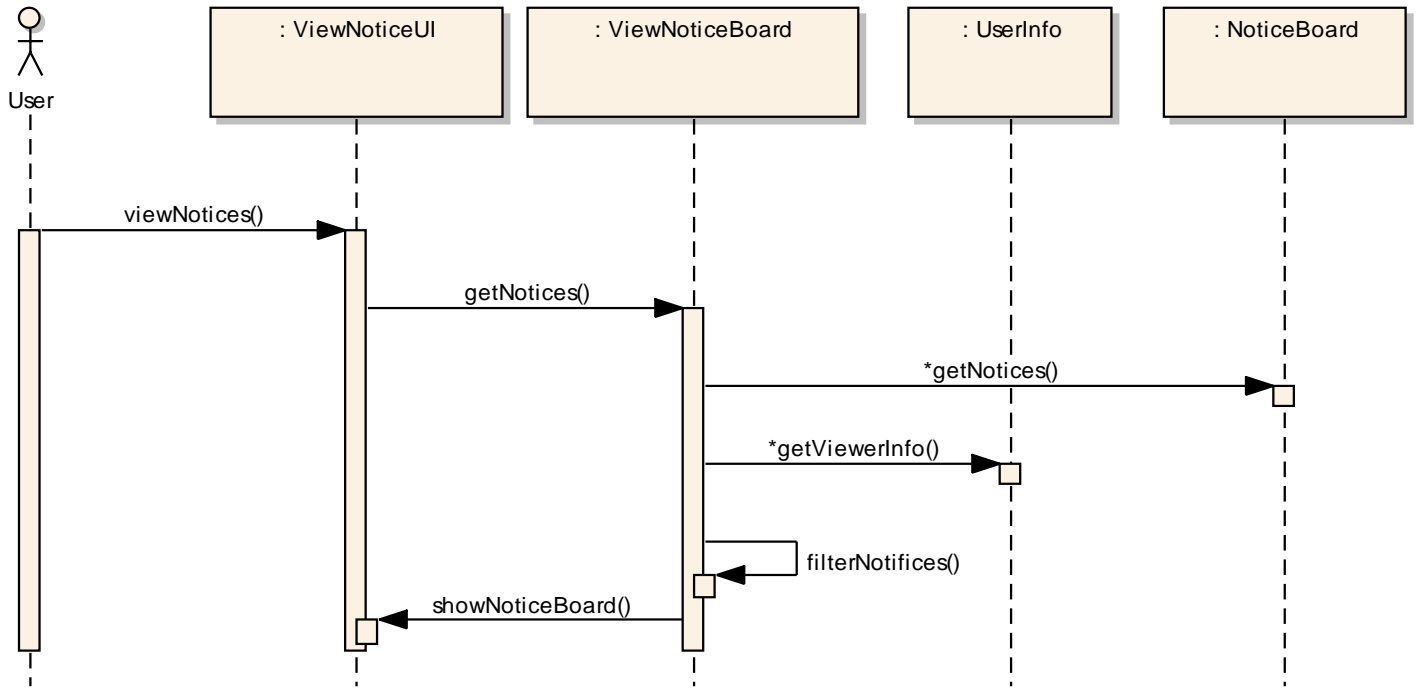


## Send Notification Activity Diagram

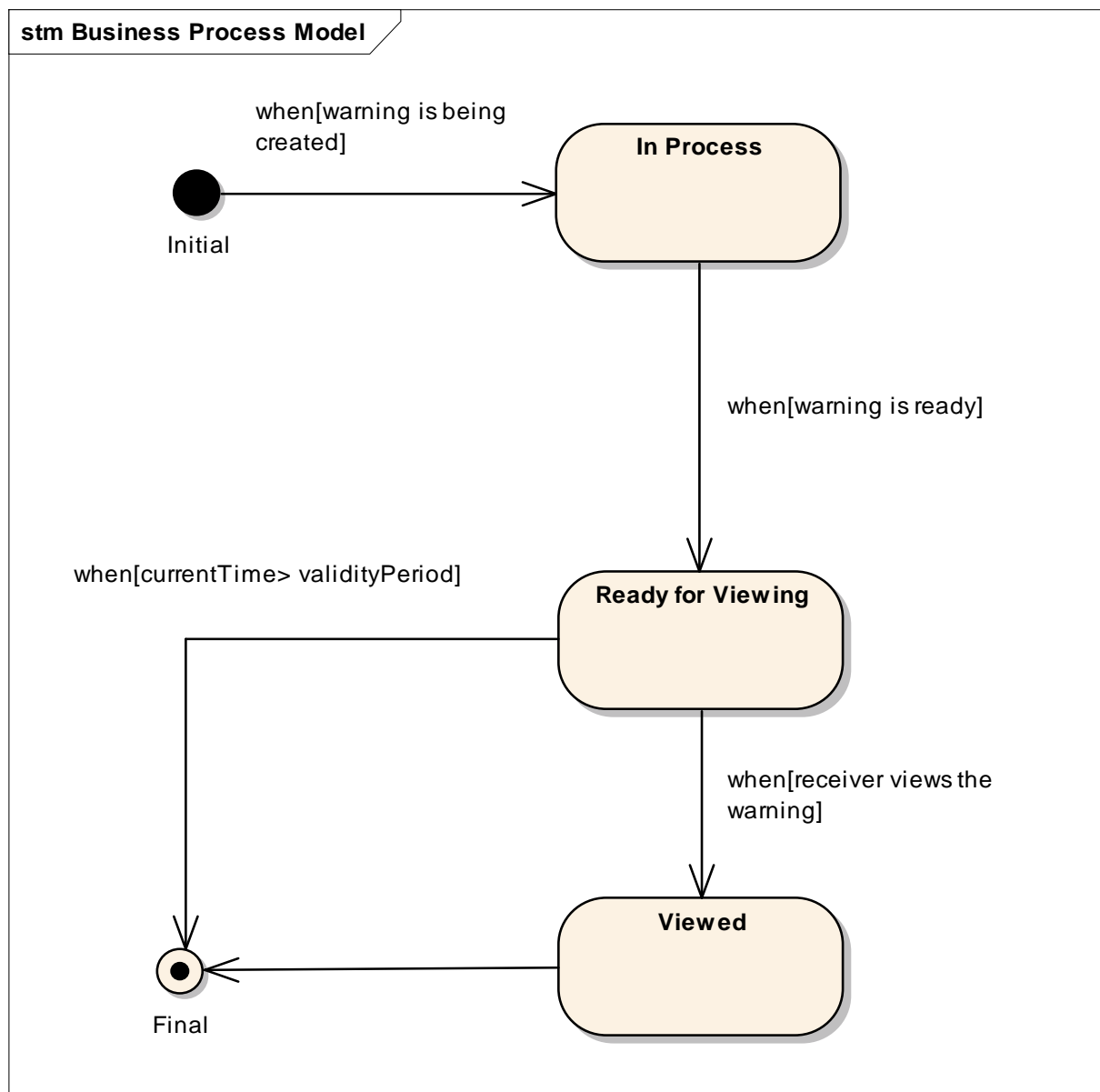


## View Notice Board Sequence Diagram

sd Business Process Model



## Warning State chart Diagram



## References

### ❖ UML basics: The sequence diagram

- <http://www.ibm.com/developerworks/rational/library/3101.html>