



E- SCHOOL

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Actors

- ✓ Student
- ✓ Parents
- ✓ Course Teacher
- ✓ Class Teacher
- ✓ Head Master
- ✓ System Administrator

Subsystems

- ✓ User Profile Subsystem
- ✓ Student Profile Subsystem
- ✓ Coursework Subsystem
- ✓ Examination Subsystem
- ✓ Result Subsystem
- ✓ Notice Subsystem

User Profile Subsystem

- ▶ Add/ Update User with Role
- ▶ Add/ Update/ Delete User Details
- ▶ View User Details
- ▶ Login
- ▶ Delete User

1. Add/ Update User with Role

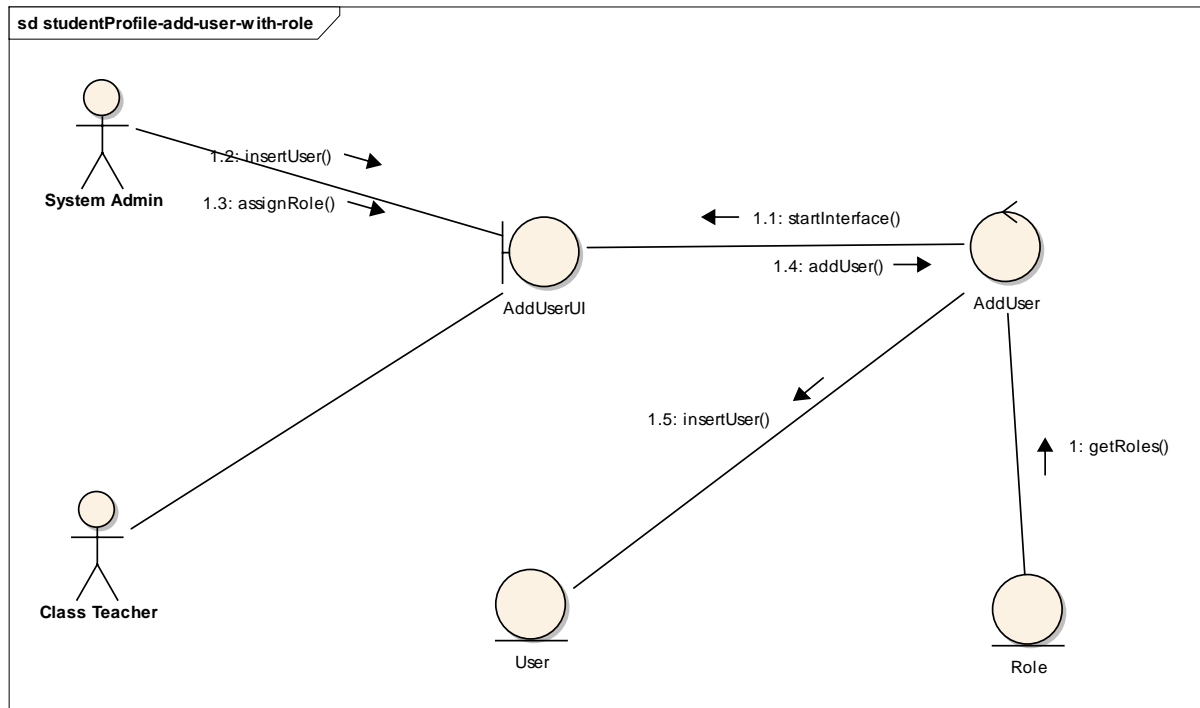


Figure 1: Collaboration Diagram of Add User with Role

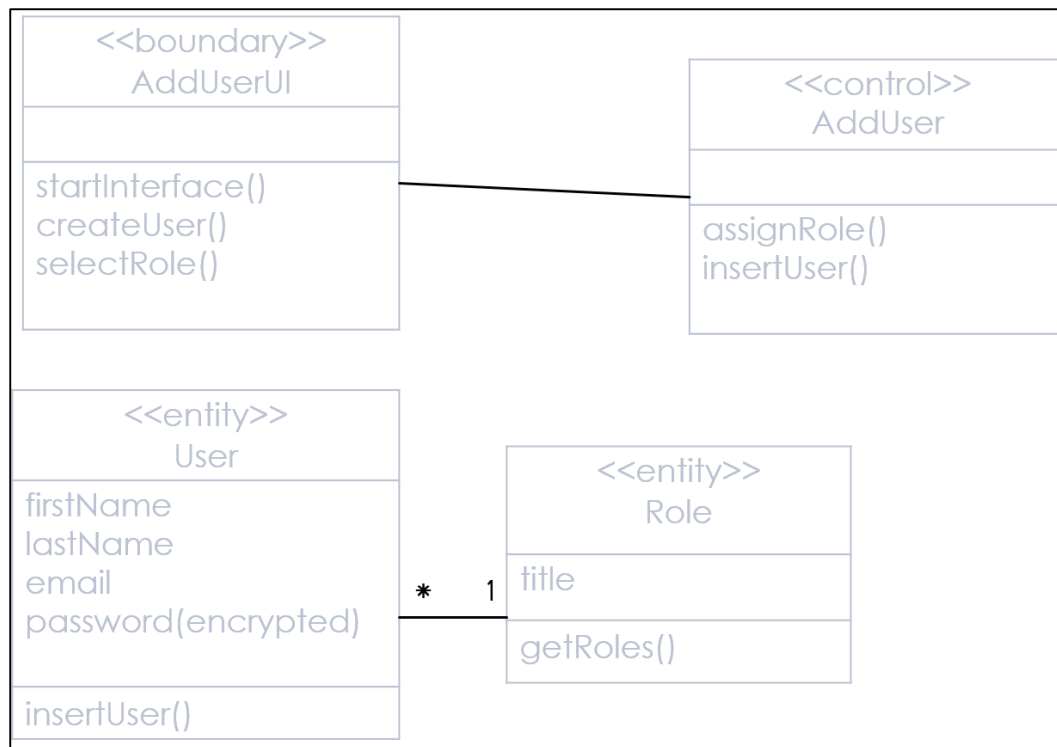


Figure 2: Class Diagram of Add User with Role

2. Update User Role

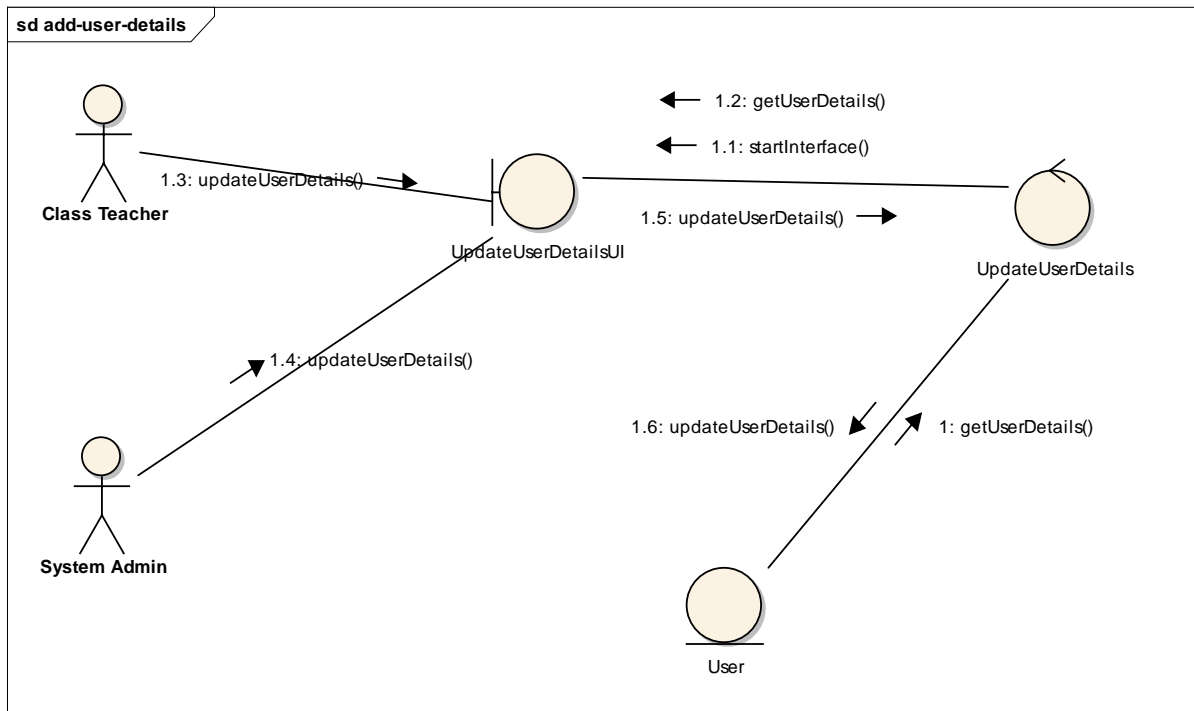


Figure 3: Collaboration Diagram of Add/ Update/ Delete User Details



Figure 4: Class Diagram of Add/ Update/ Delete User Details

3. View User Details

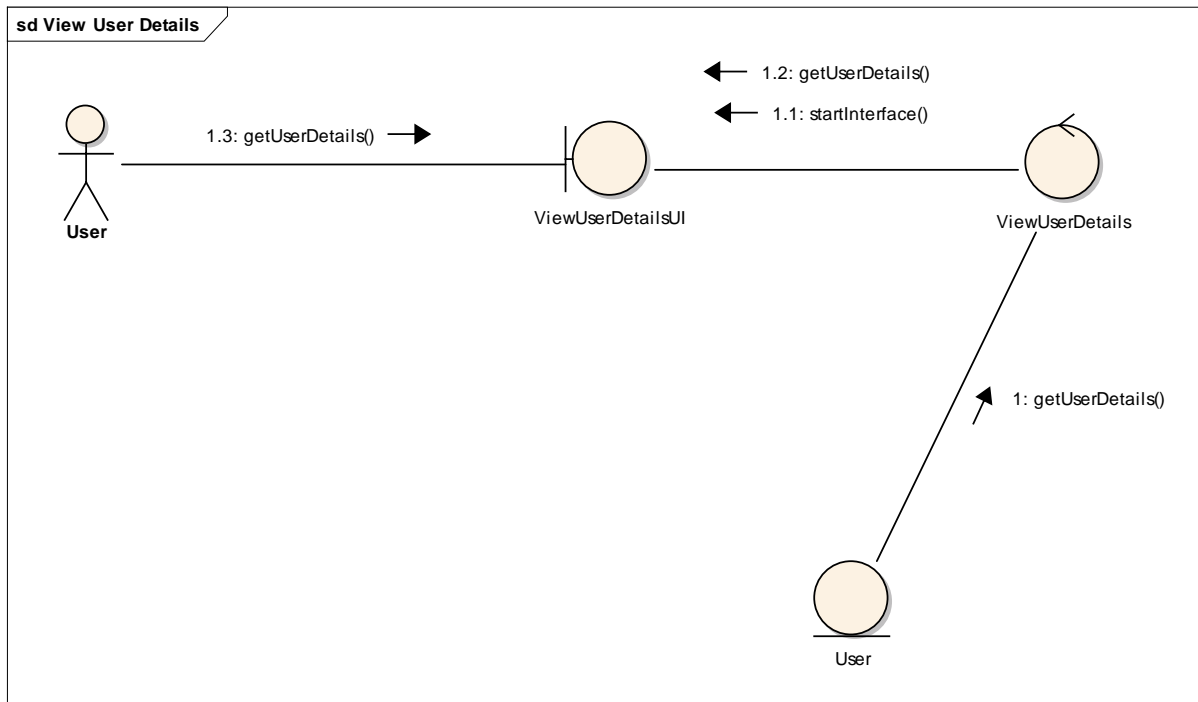


Figure 5: Collaboration Diagram of View User Details

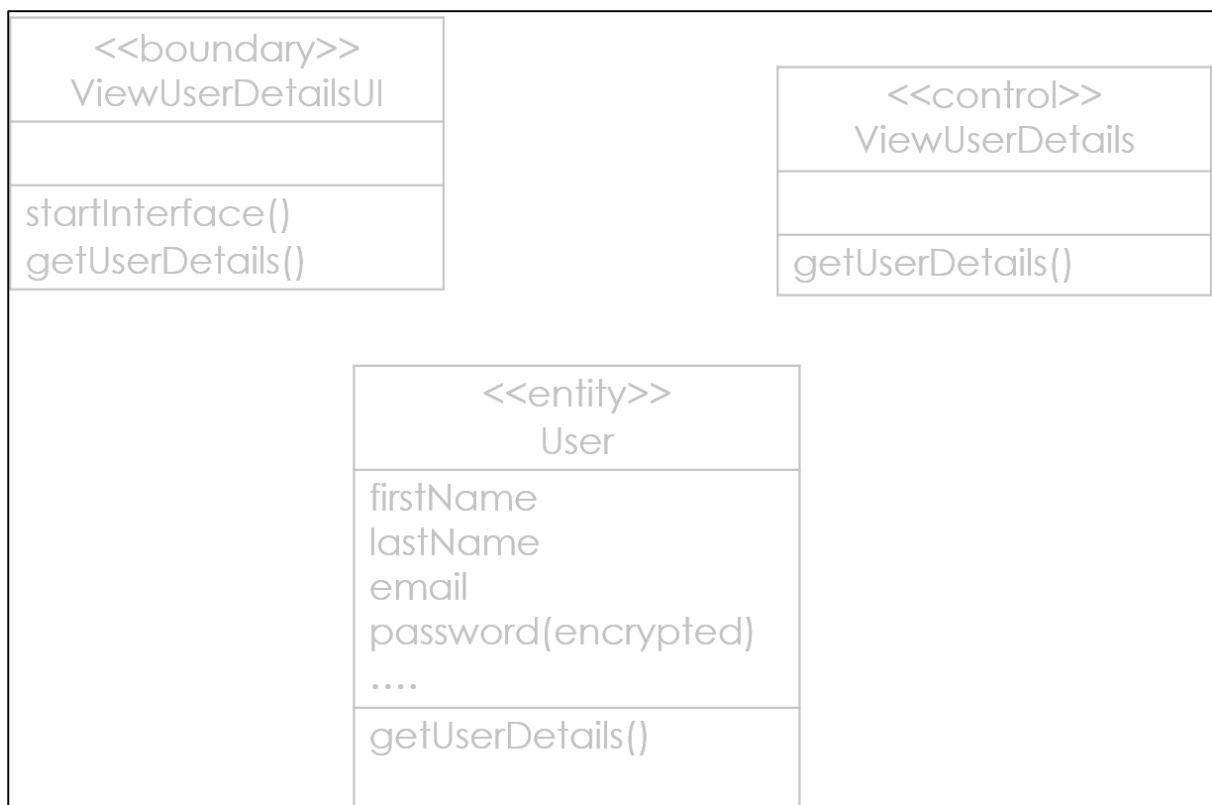


Figure 6: Class Diagram of View User Details

4. Login

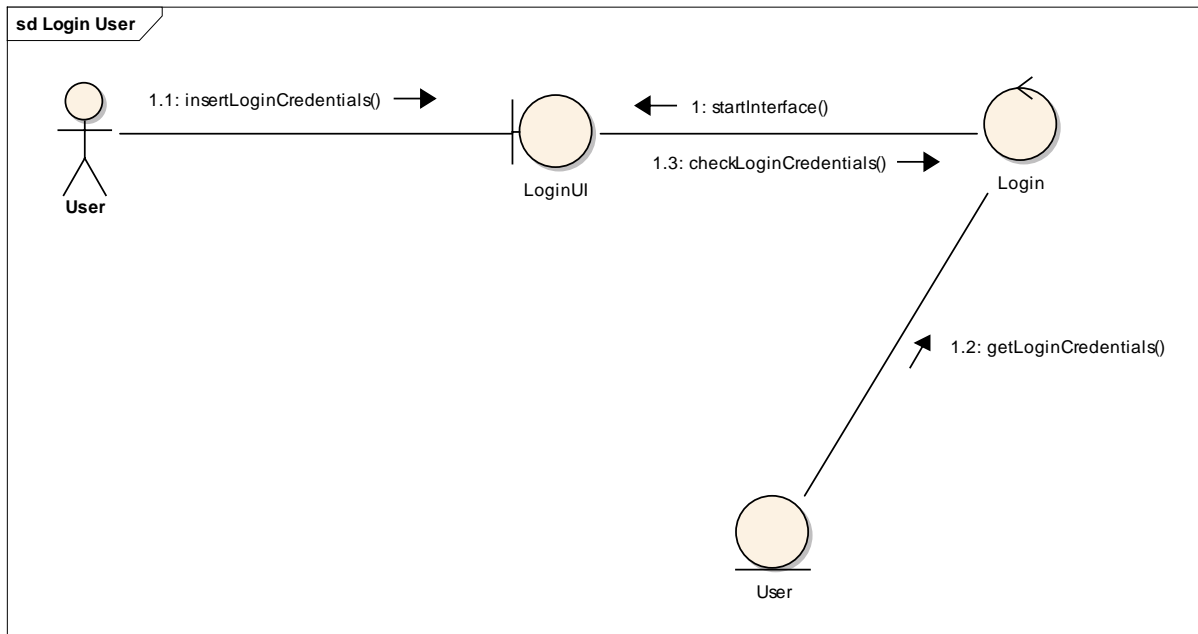


Figure 7: Collaboration Diagram of Login



Figure 8: Class Diagram of Login

5. Delete User

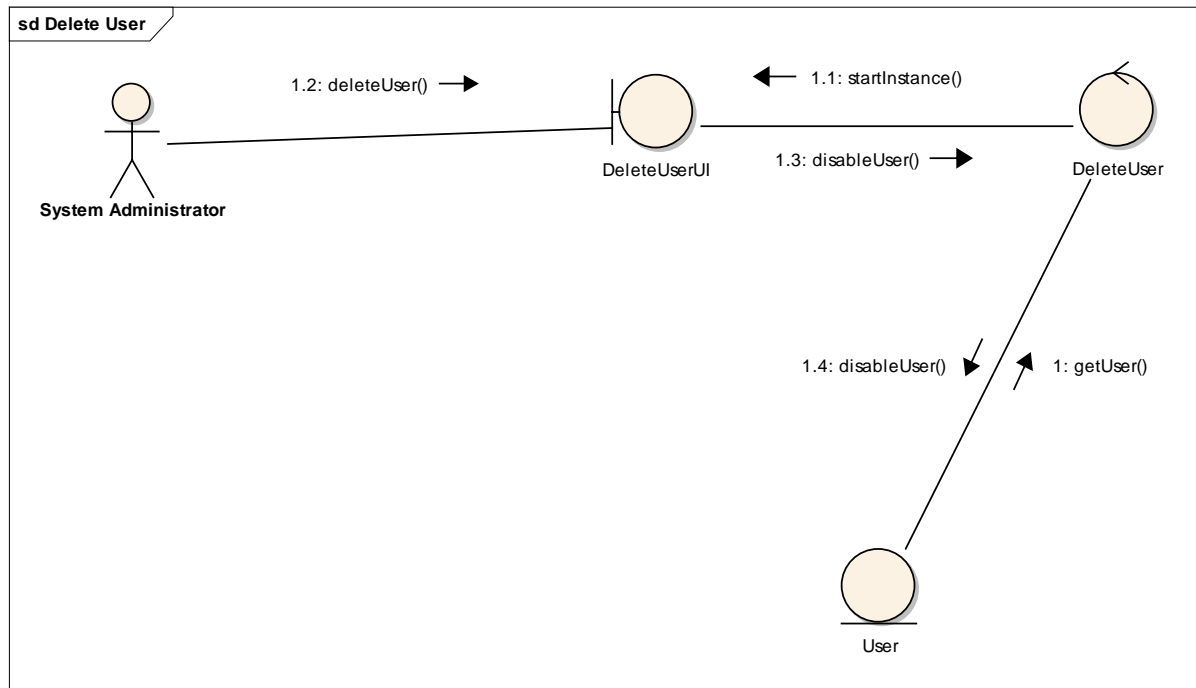


Figure 9: Collaboration Diagram of Delete User

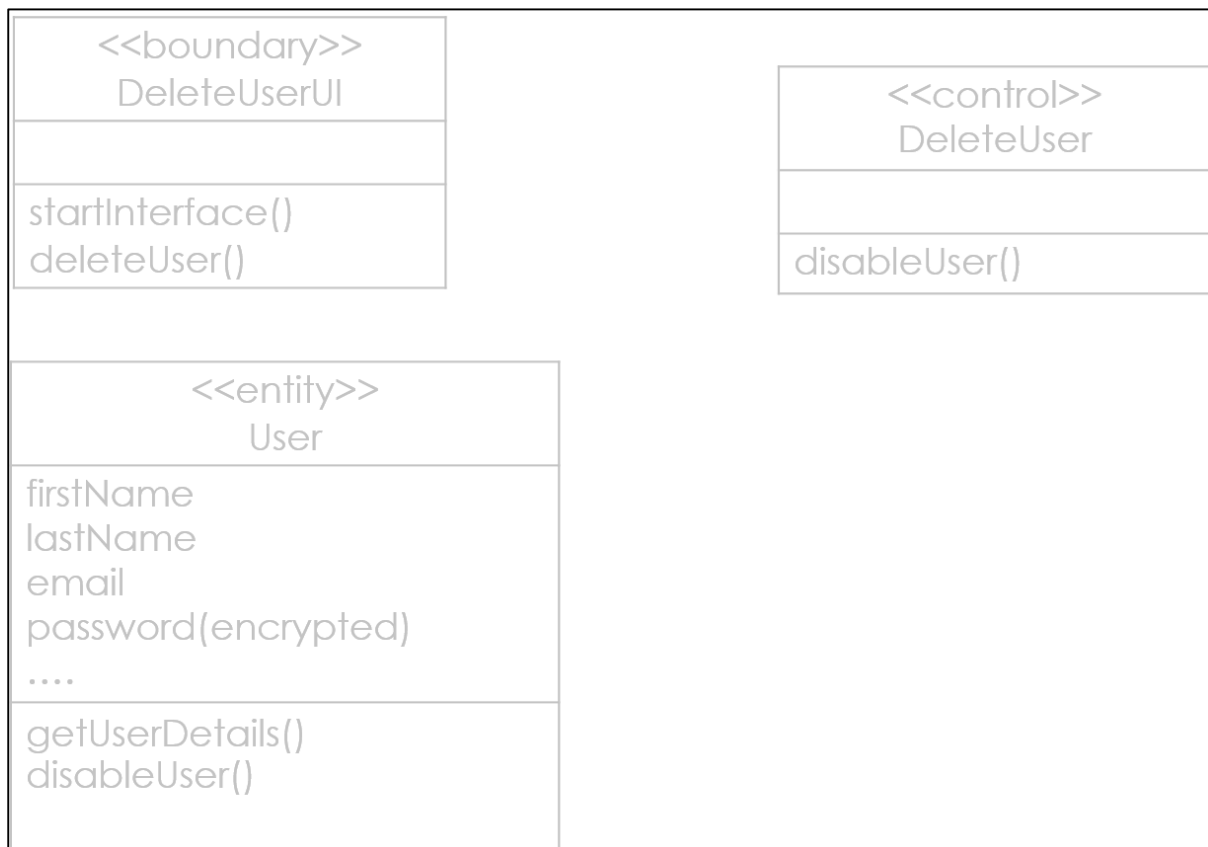


Figure 10: Class Diagram of Delete User

Student Profile Subsystem

- ▶ Update Fees Status
- ▶ View Fees Status
- ▶ Update Behaviour & Performance
- ▶ View Behaviour & Performance
- ▶ Update Attendance
- ▶ View Attendance

1. Update Fees Status

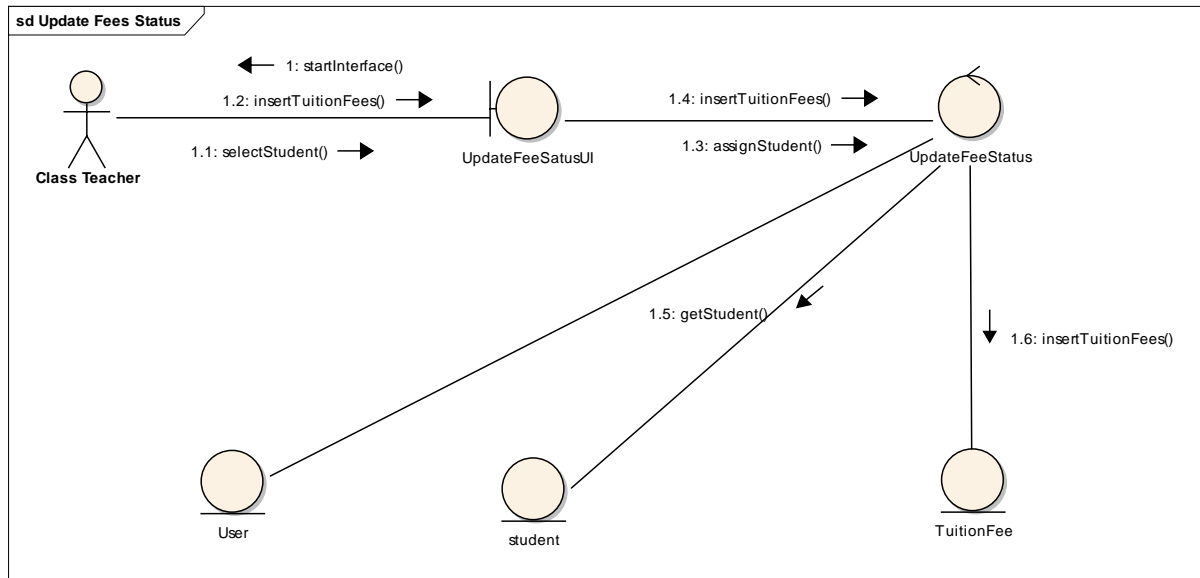


Figure 11: Collaboration Diagram of Update Fees Status

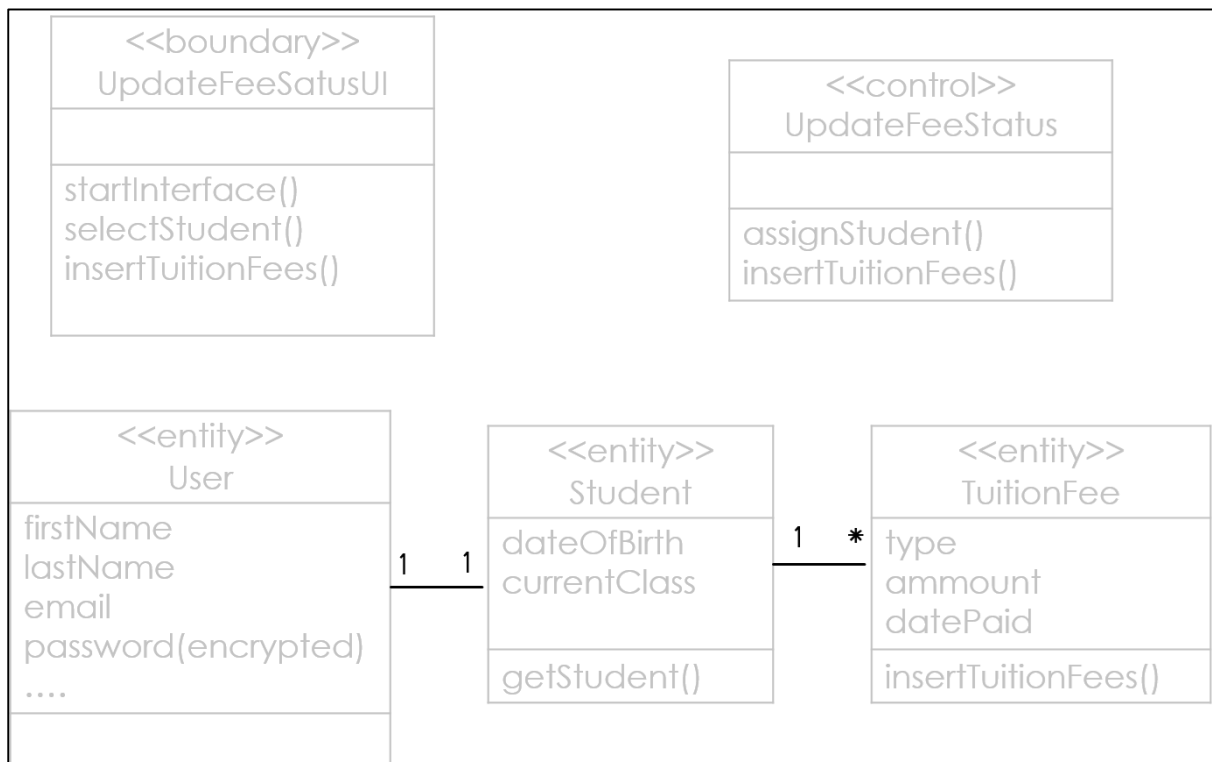


Figure 12: Class Diagram of Fees Status

2. View Fees Status

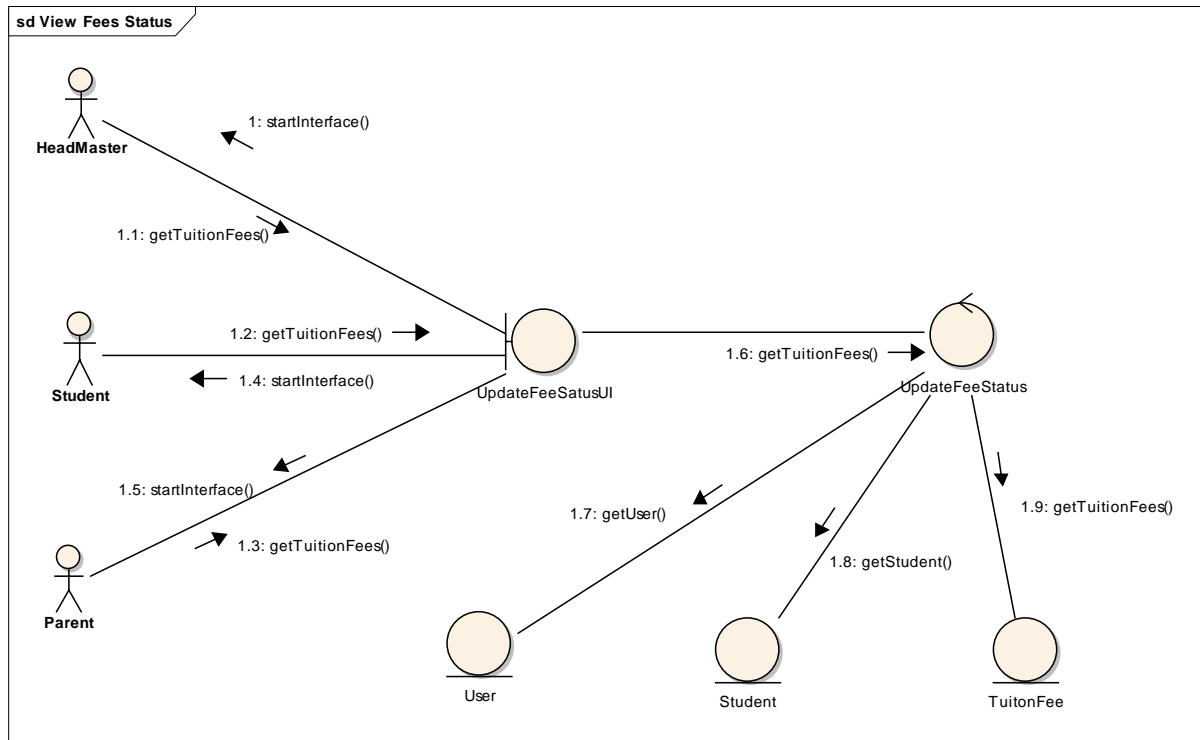


Figure 13: Collaboration Diagram of View Fees Status

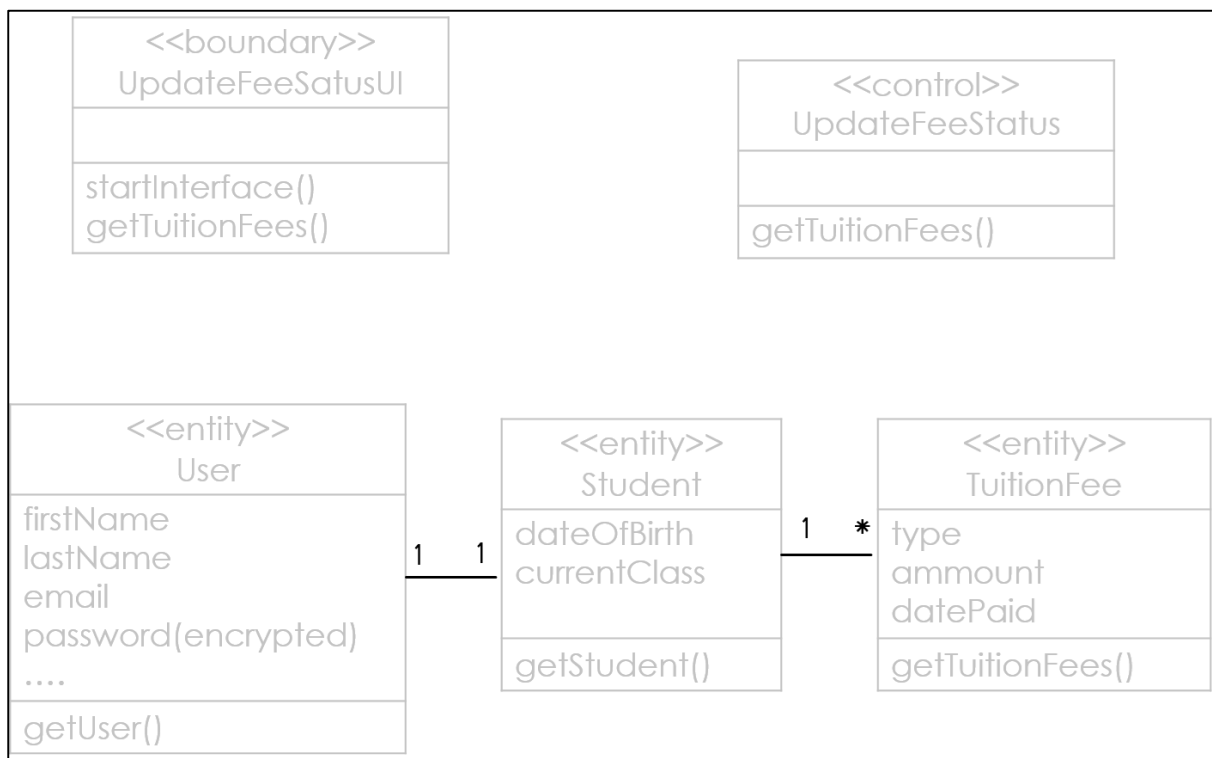


Figure 14: Class Diagram of View Fees Status

3. Update Behaviour & Performance

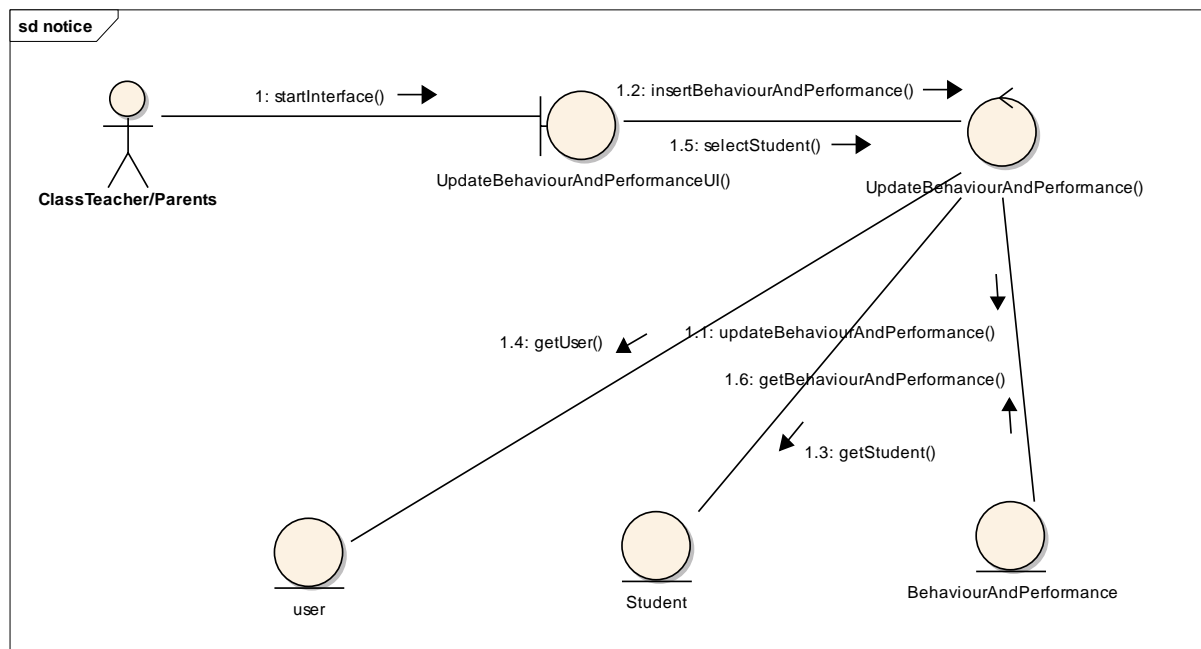


Figure 15: Collaboration Diagram of Update Behaviour & Performance

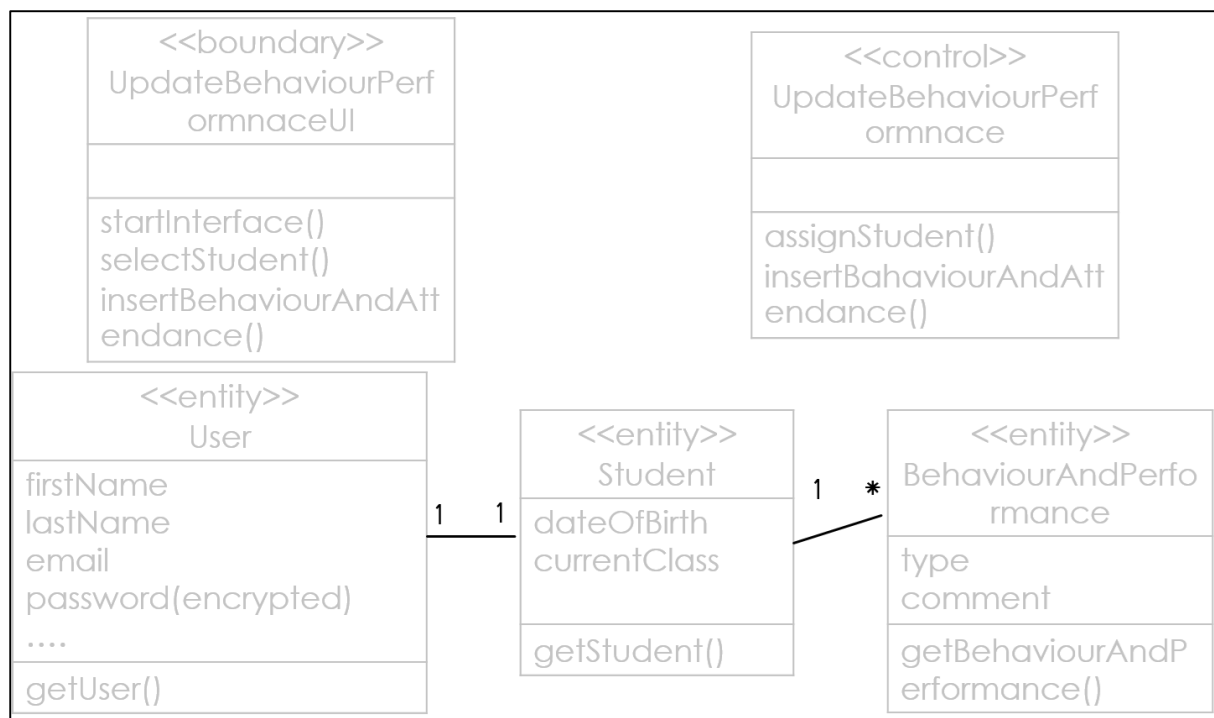


Figure 16: Class Diagram of Update Behaviour & Performance

4. View Behaviour & Performance

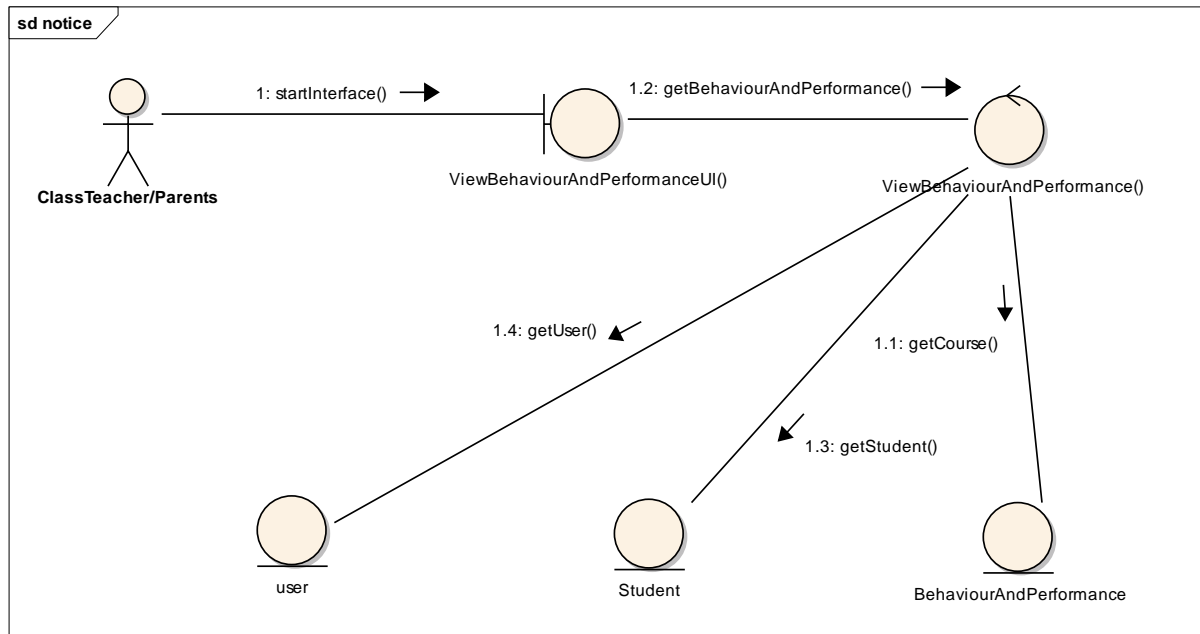


Figure 17: Collaboration Diagram of View Behaviour & Performance

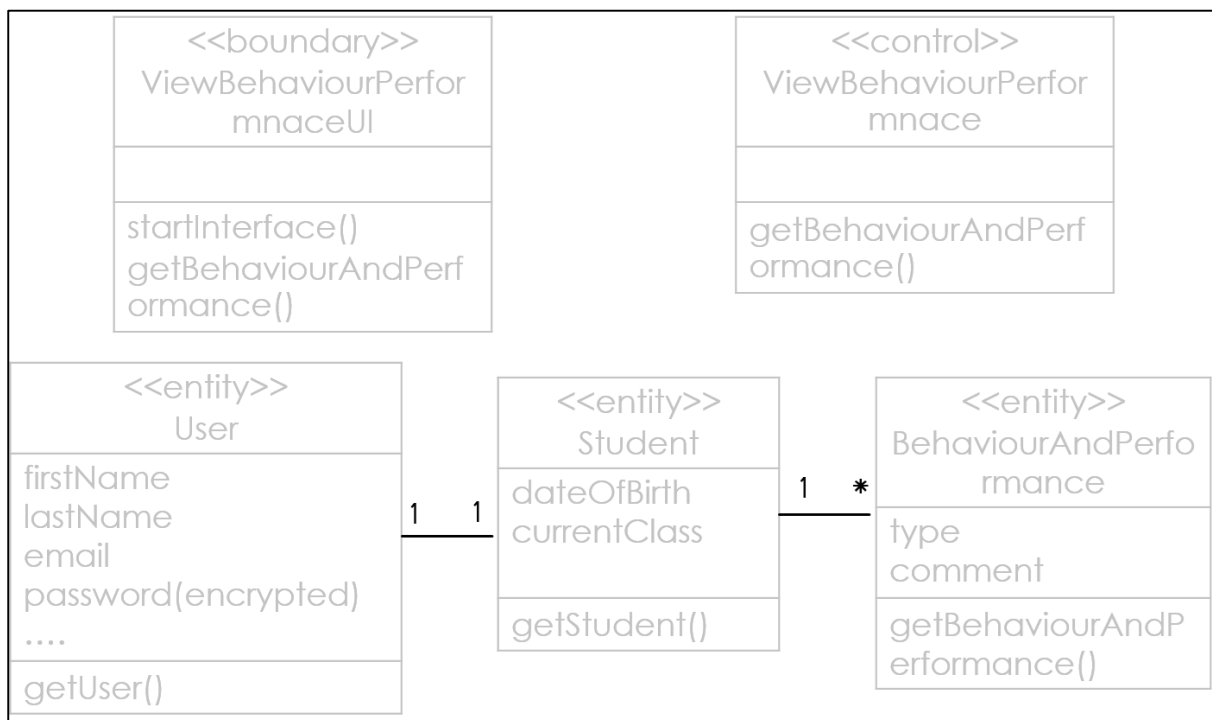


Figure 18: Class Diagram of View Behaviour & Performance

5. Update Attendance

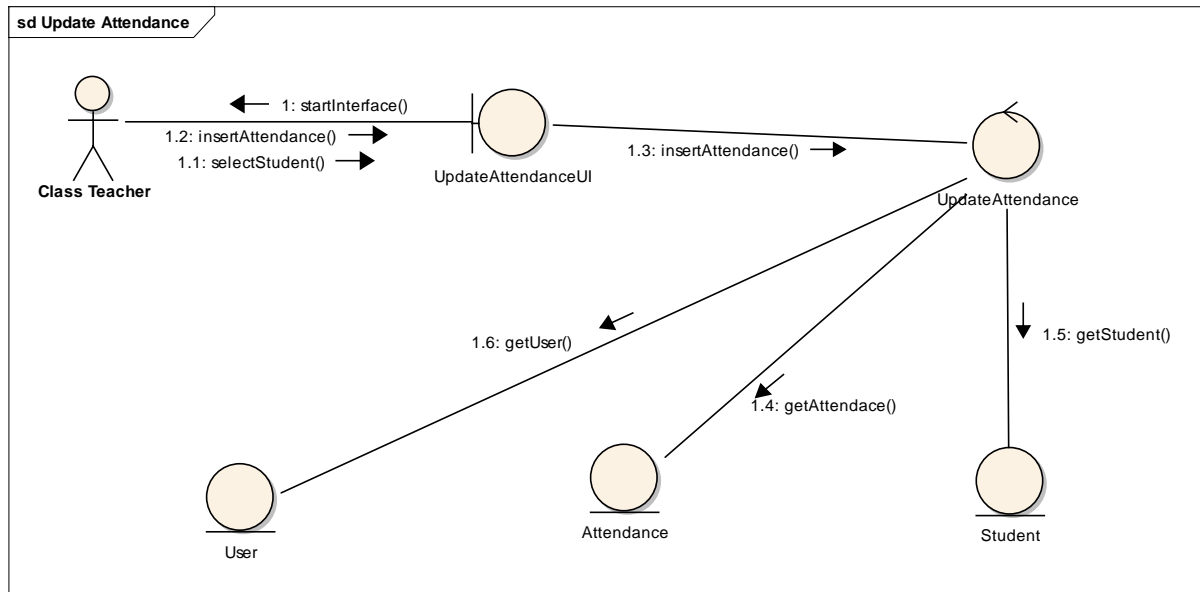


Figure 19: Collaboration Diagram of Update Attendance

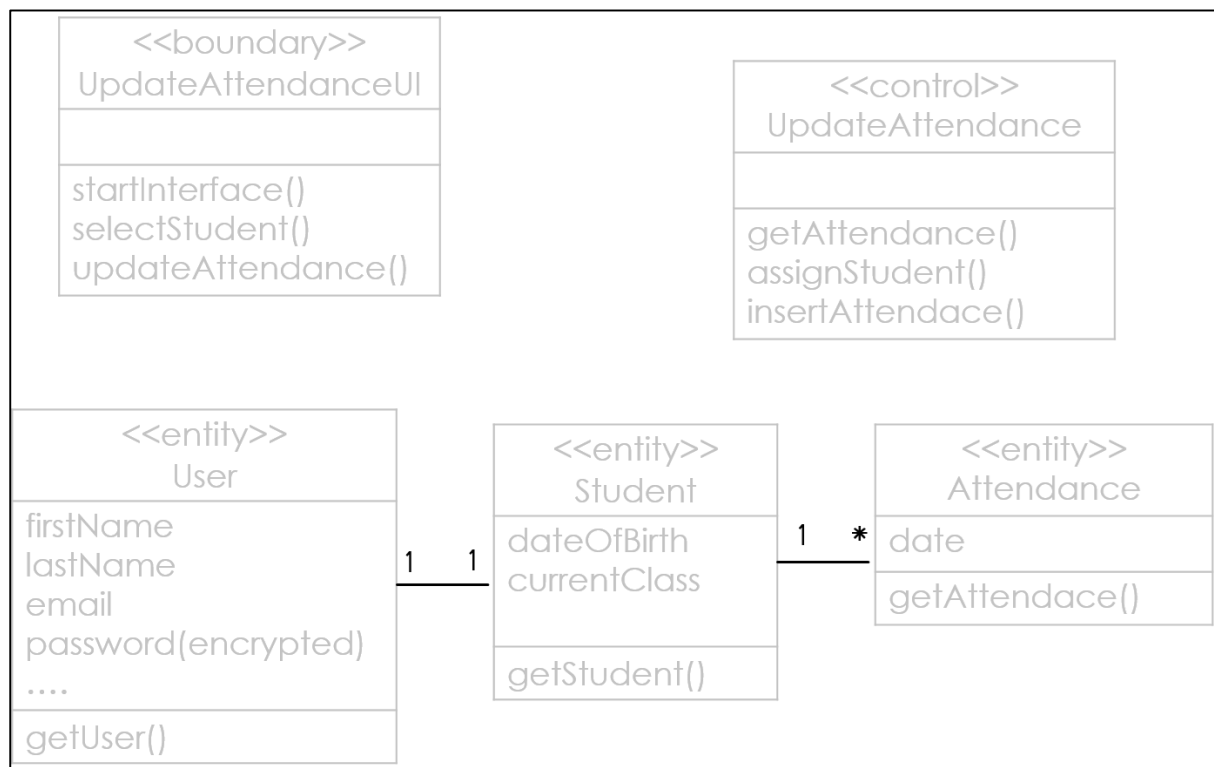


Figure 20: Class Diagram of Update Attendance

6. View Attendance

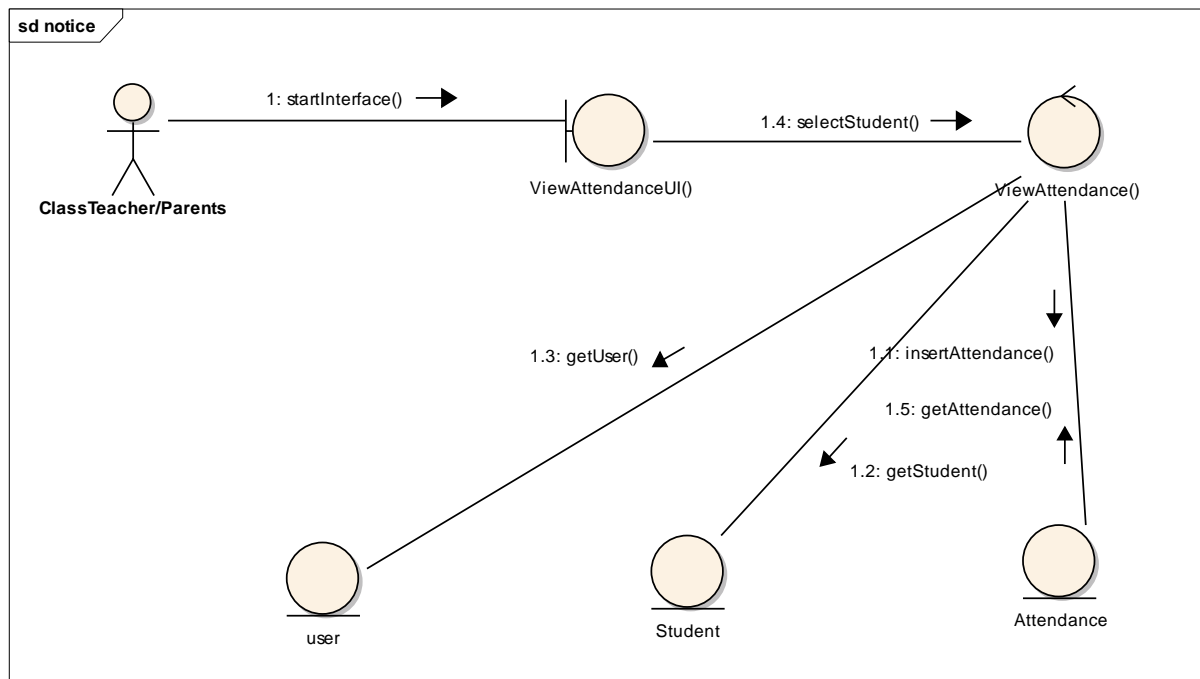


Figure 21: Collaboration Diagram of View Attendance

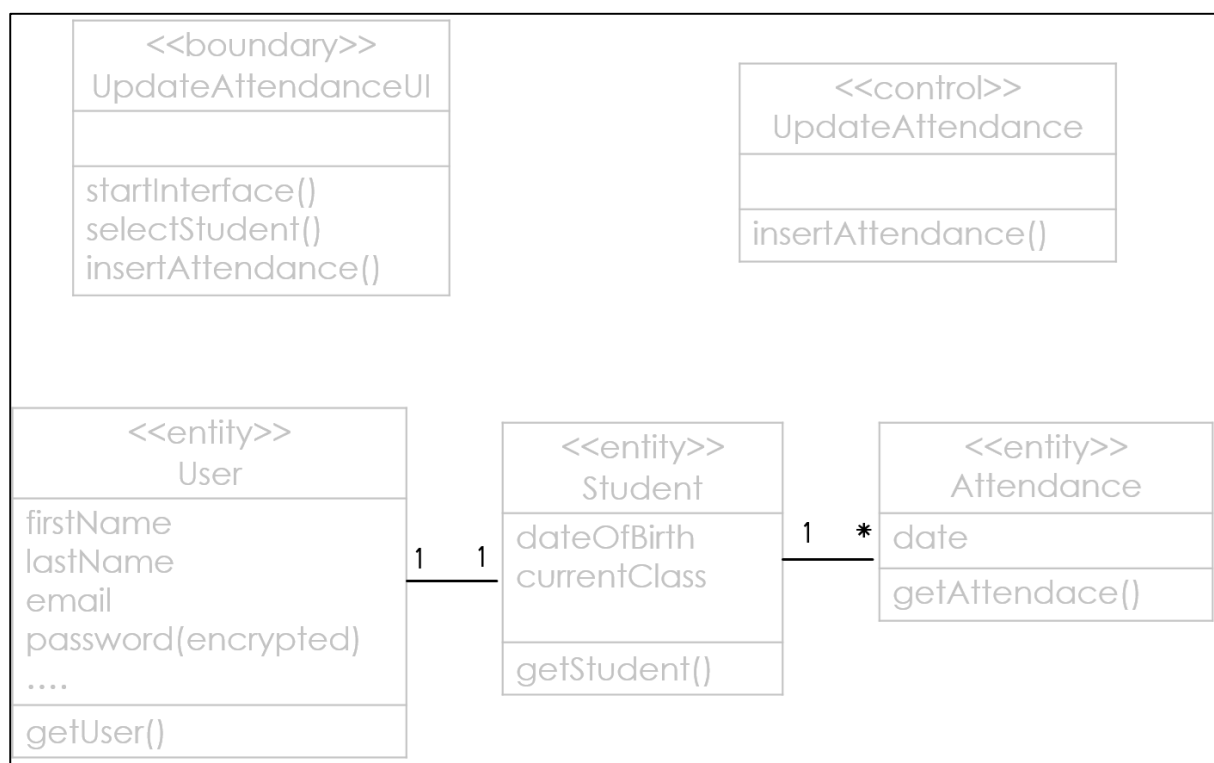


Figure 22: Class Diagram of View Attendance

Coursework Subsystem

- ▶ Assign Course Teacher
- ▶ Prepare & Publish Routine
- ▶ View Routine

1. Assign Course Teacher

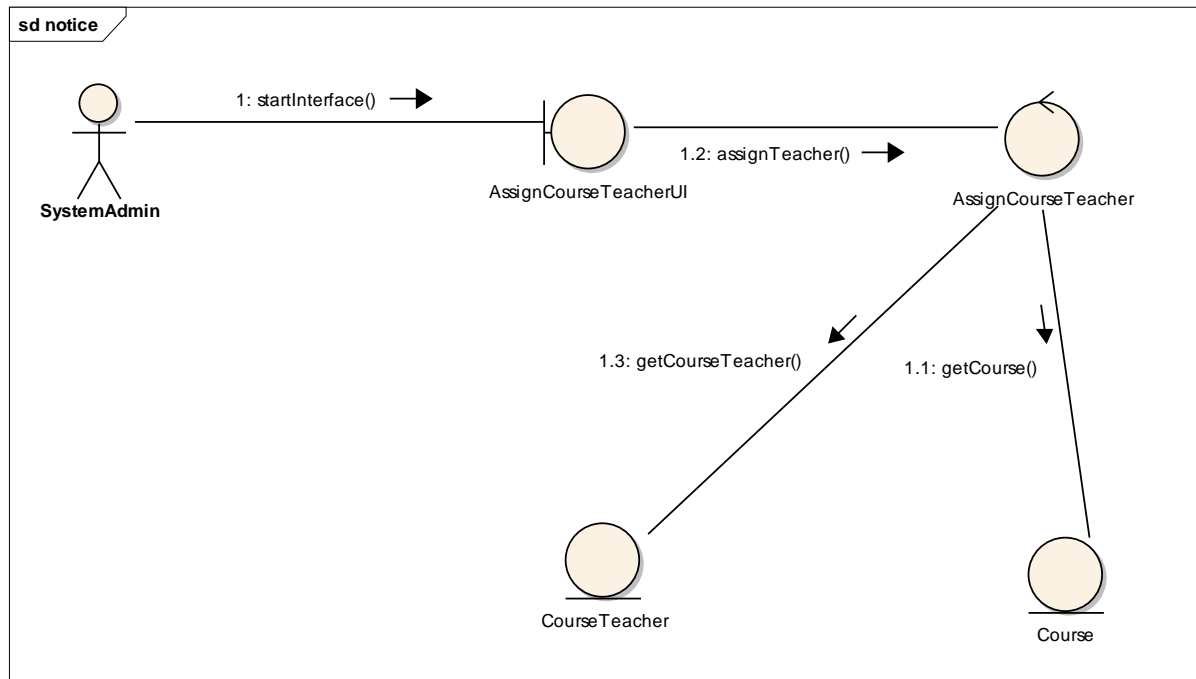


Figure 23: Collaboration Diagram of Assign Course Teacher

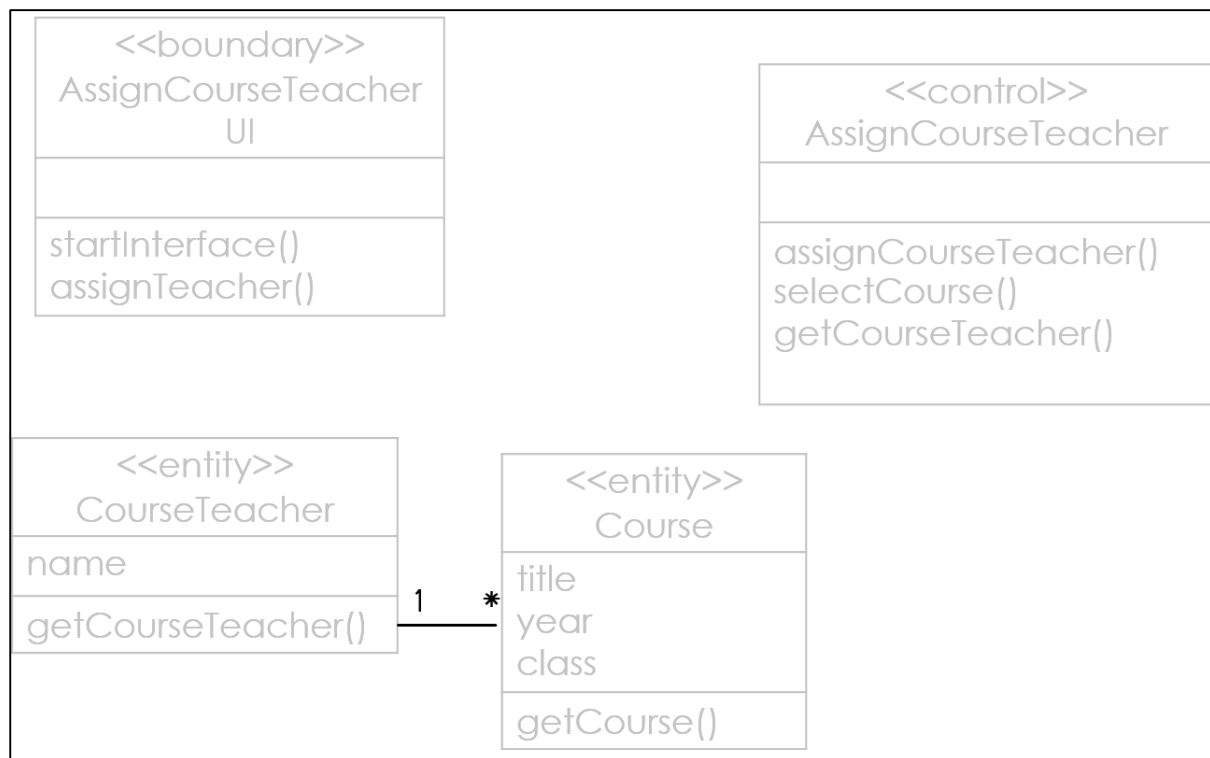


Figure 24: Class Diagram of Assign Course Teacher

2. Prepare Routine

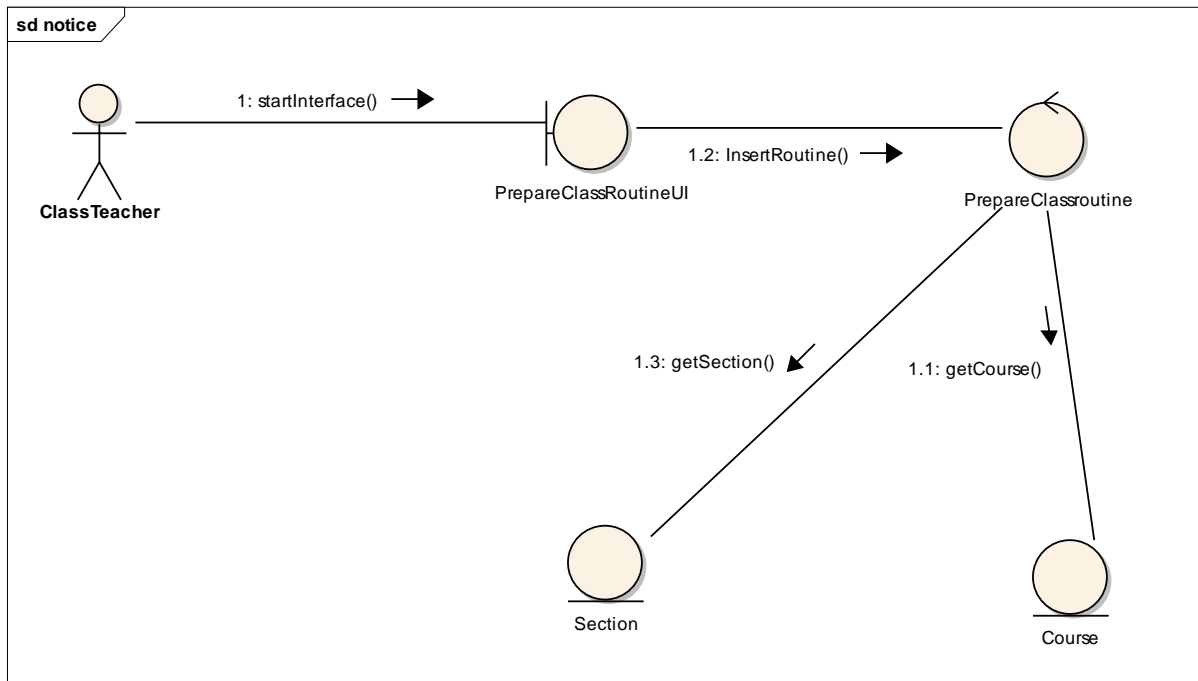


Figure 25: Collaboration Diagram of Prepare Routine

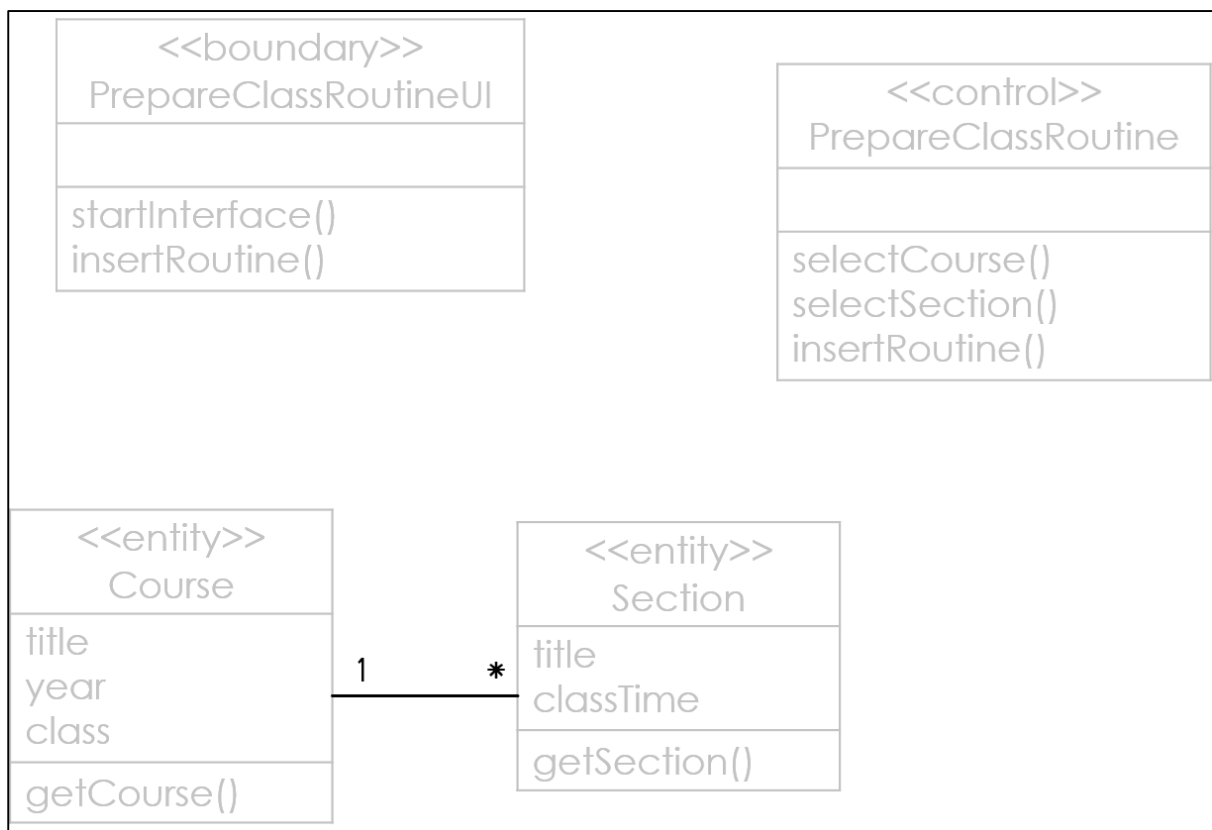


Figure 26: Class Diagram of Prepare Routine

3. View Routine

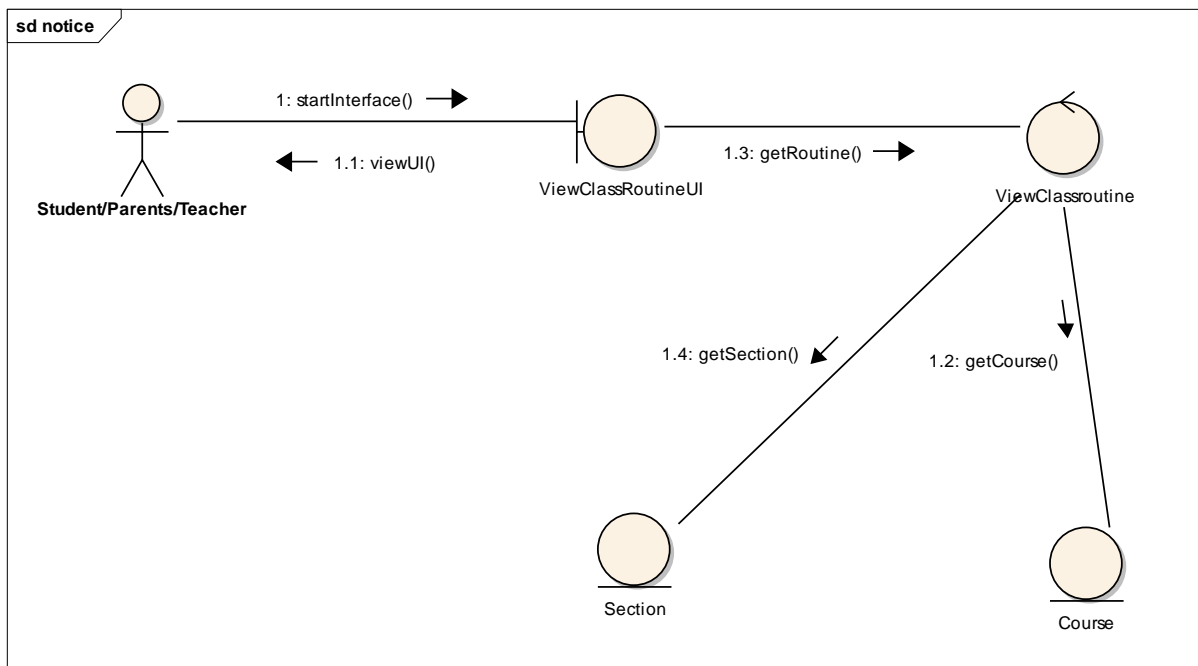


Figure 27: Collaboration Diagram of View Routine

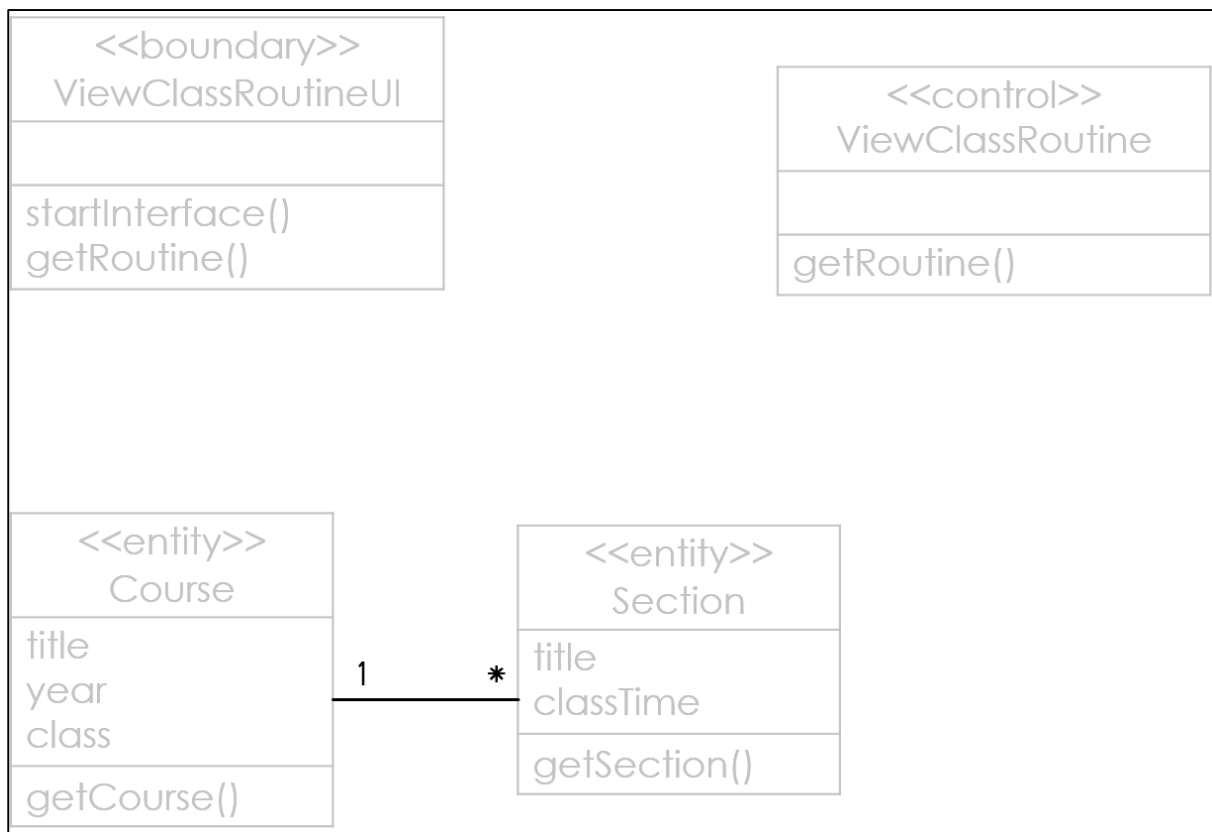


Figure 28: Class Diagram of View Routine

Examination Subsystem

- ▶ Update Examination Schedule
- ▶ View Examination Schedule
- ▶ Insert Marks

1. Update Examination Schedule

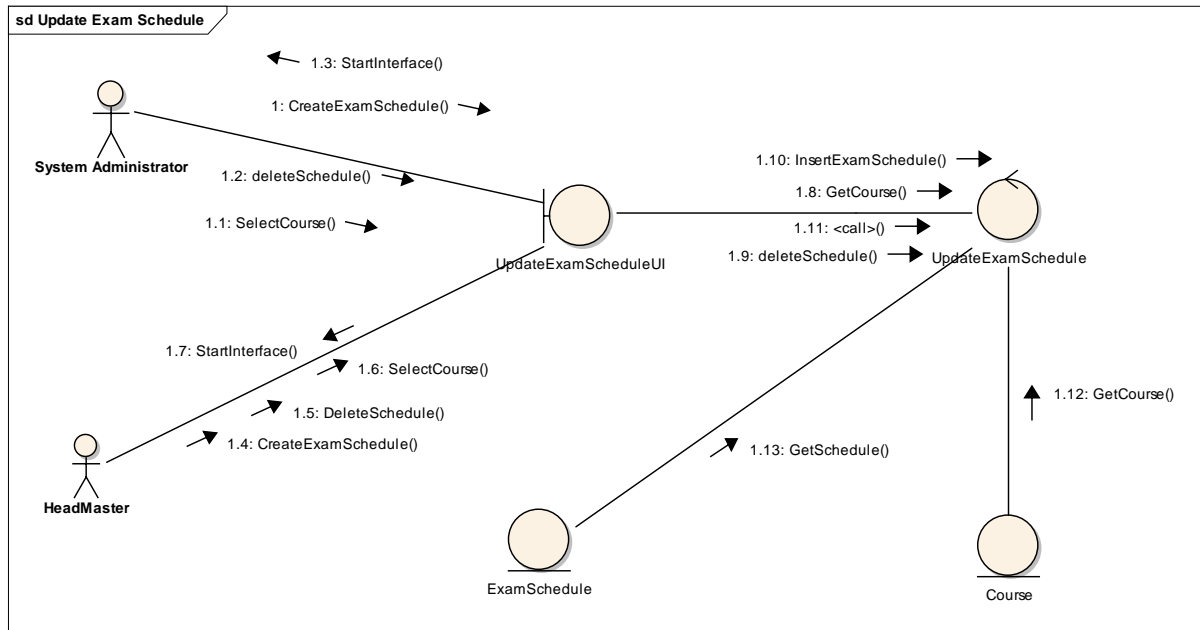


Figure 29: Collaboration Diagram of Update Examination Schedule

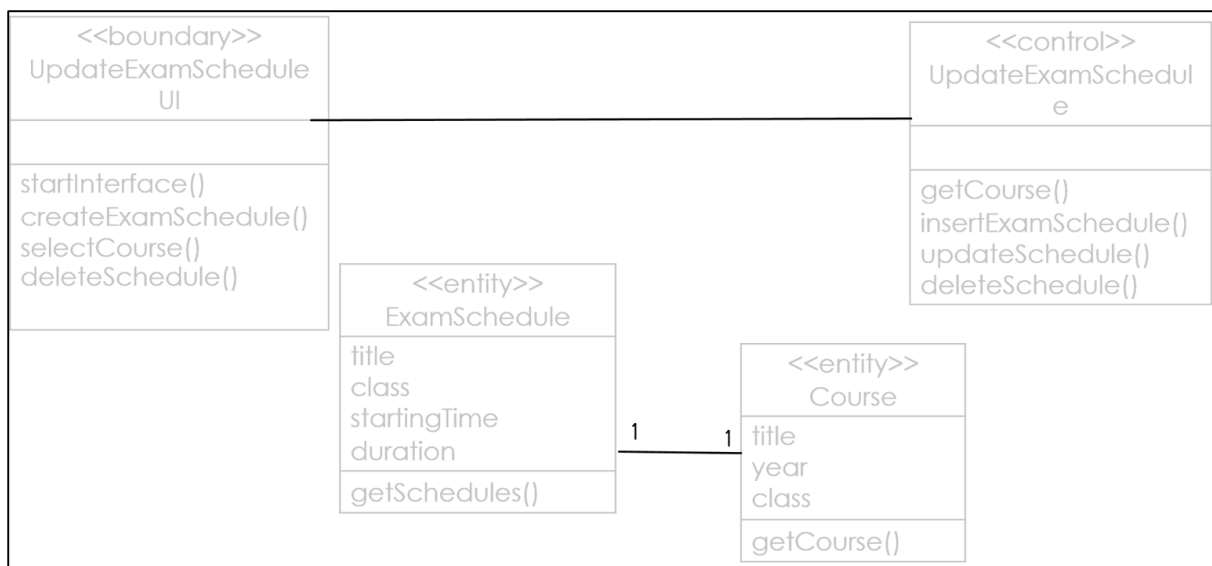


Figure 30: Class Diagram of Update Examination Schedule

2. View Examination Schedule

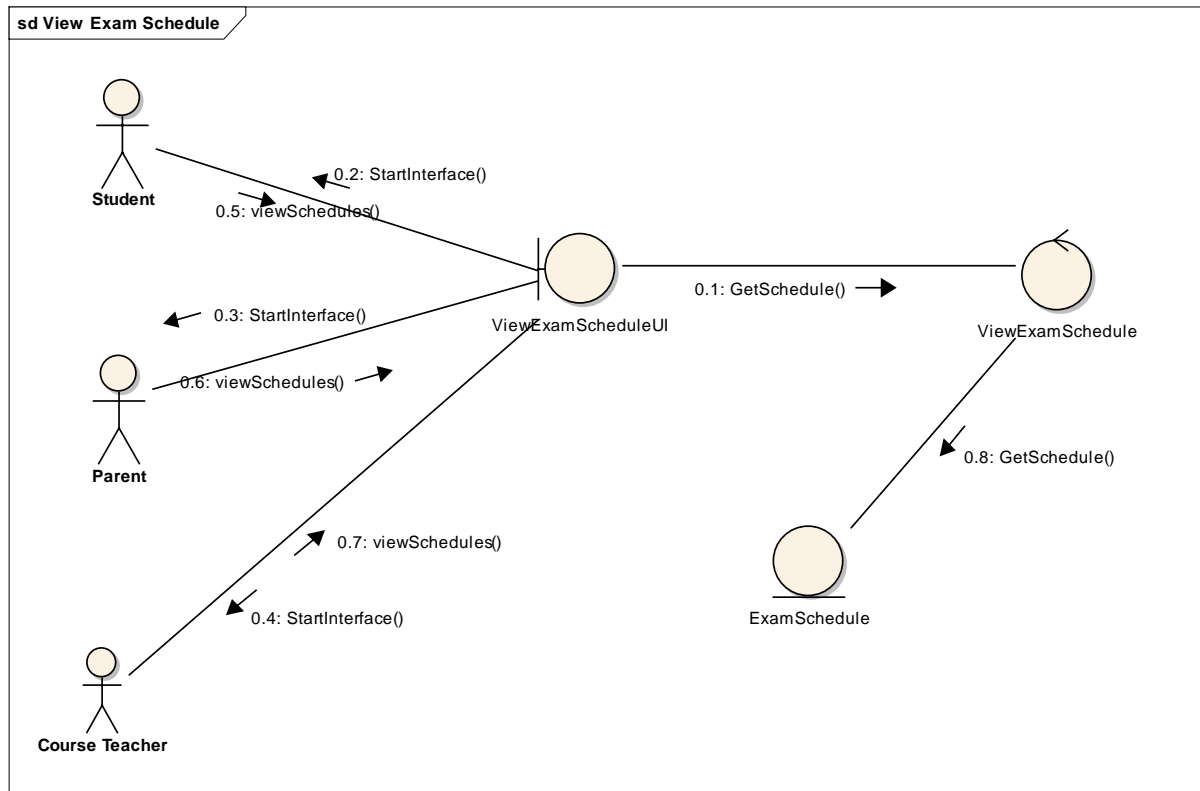


Figure 31: Collaboration Diagram of View Examination Schedule

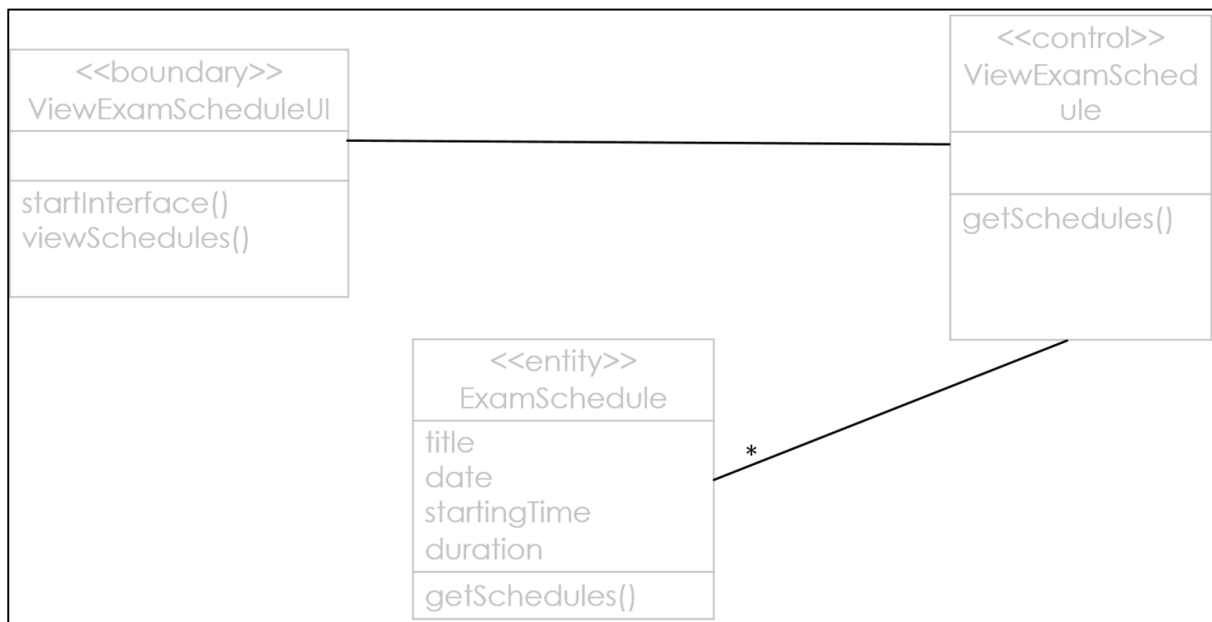


Figure 32: Class Diagram of View Examination Schedule

3. Insert Marks

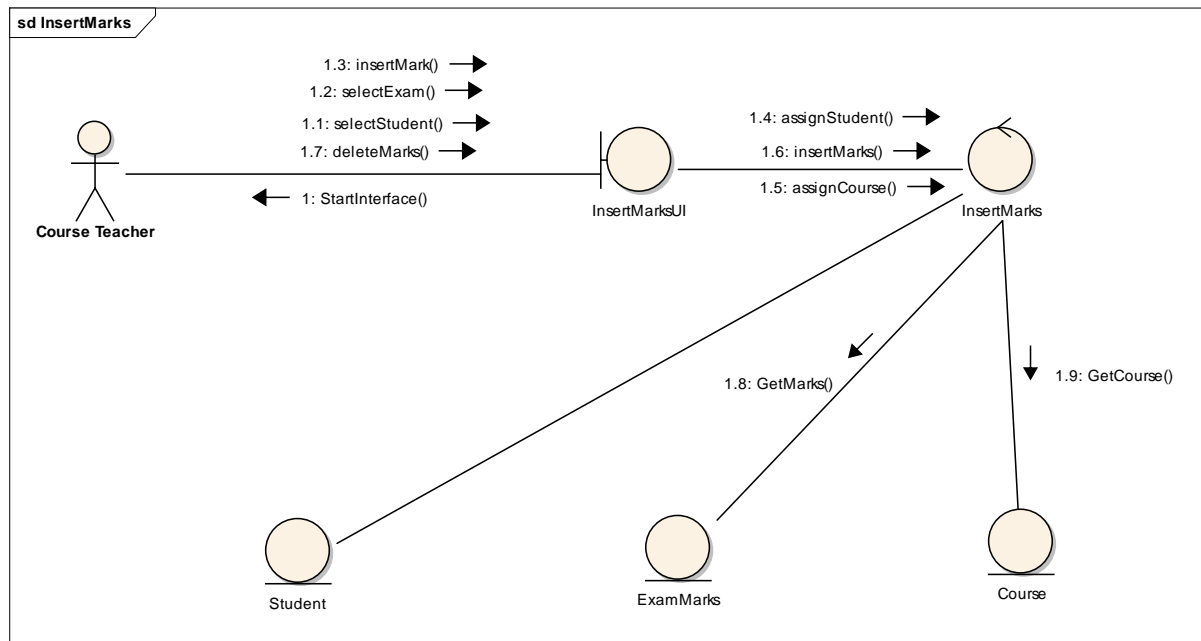


Figure 33; Collaboration Diagram of Insert Marks

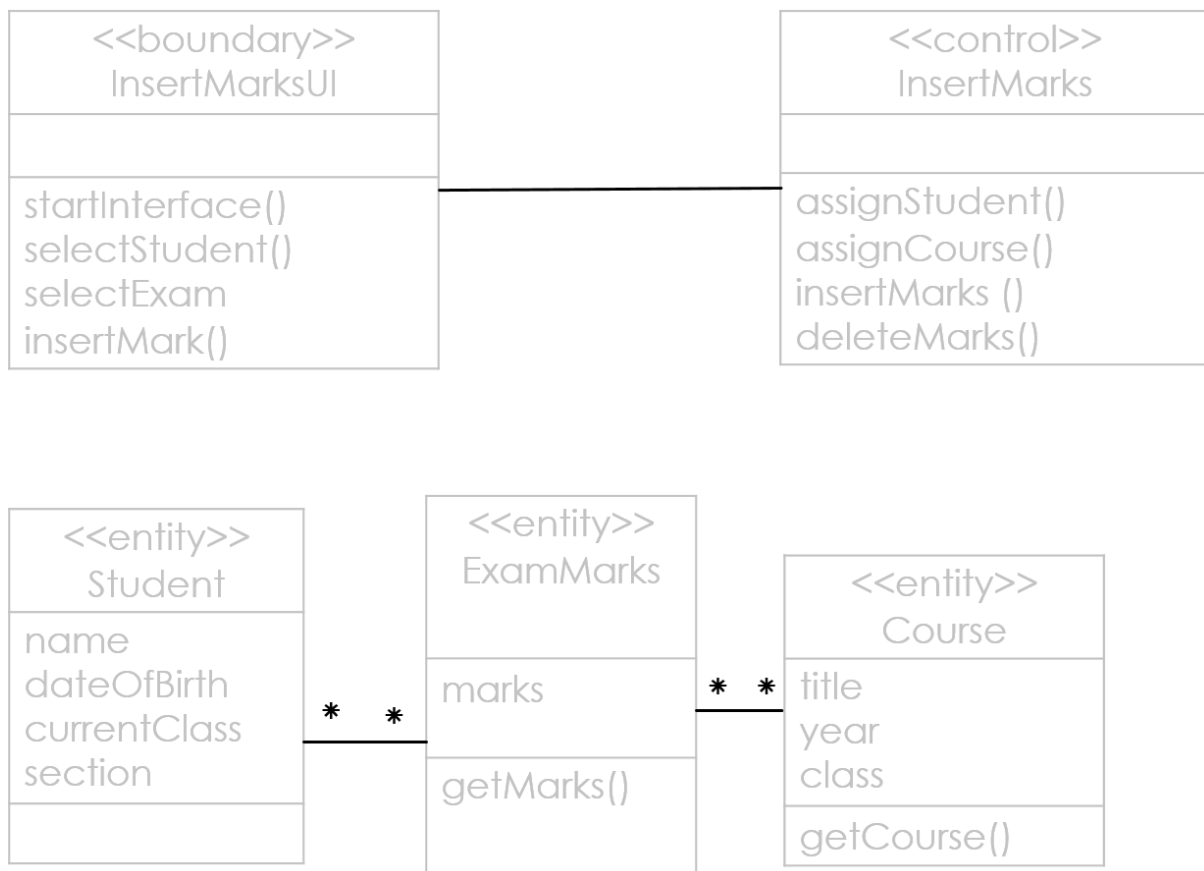


Figure 34: Class Diagram of Insert Marks

Result Subsystem

- ▶ Prepare Result
- ▶ Forward Result
- ▶ View Result Summary & Approve
- ▶ Update Result
- ▶ View Result

1. Prepare Result

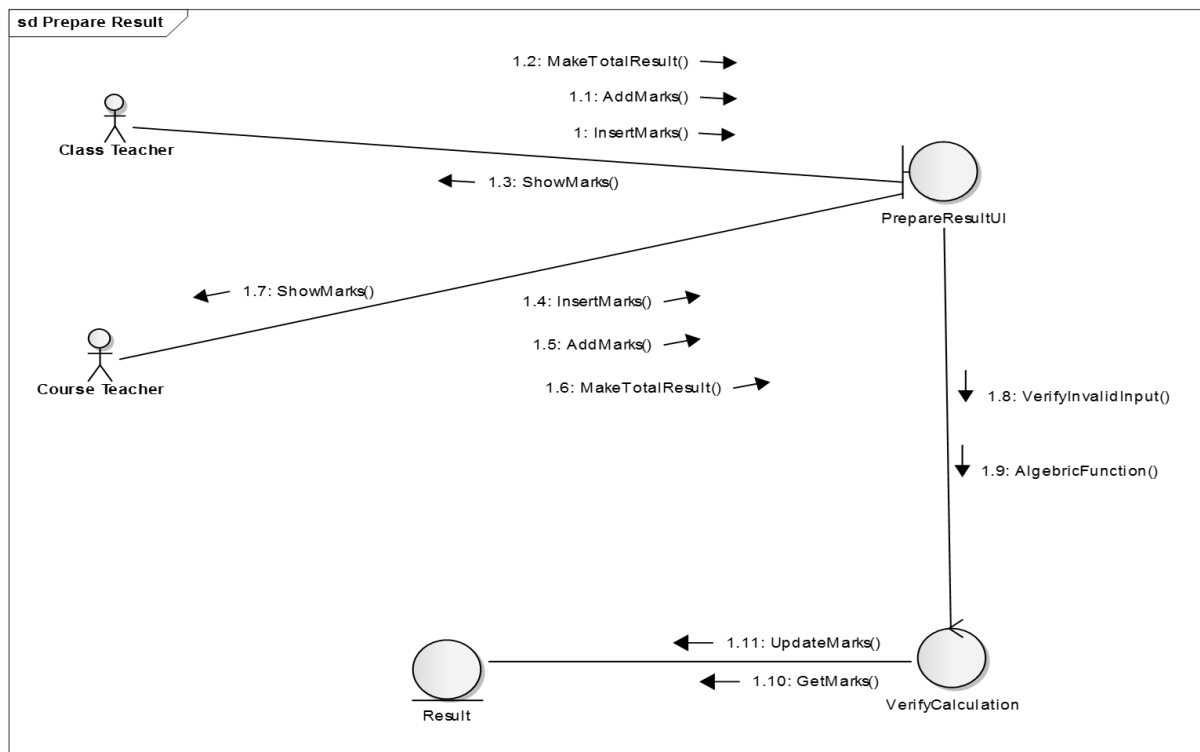


Figure 35: Collaboration diagram of prepare result

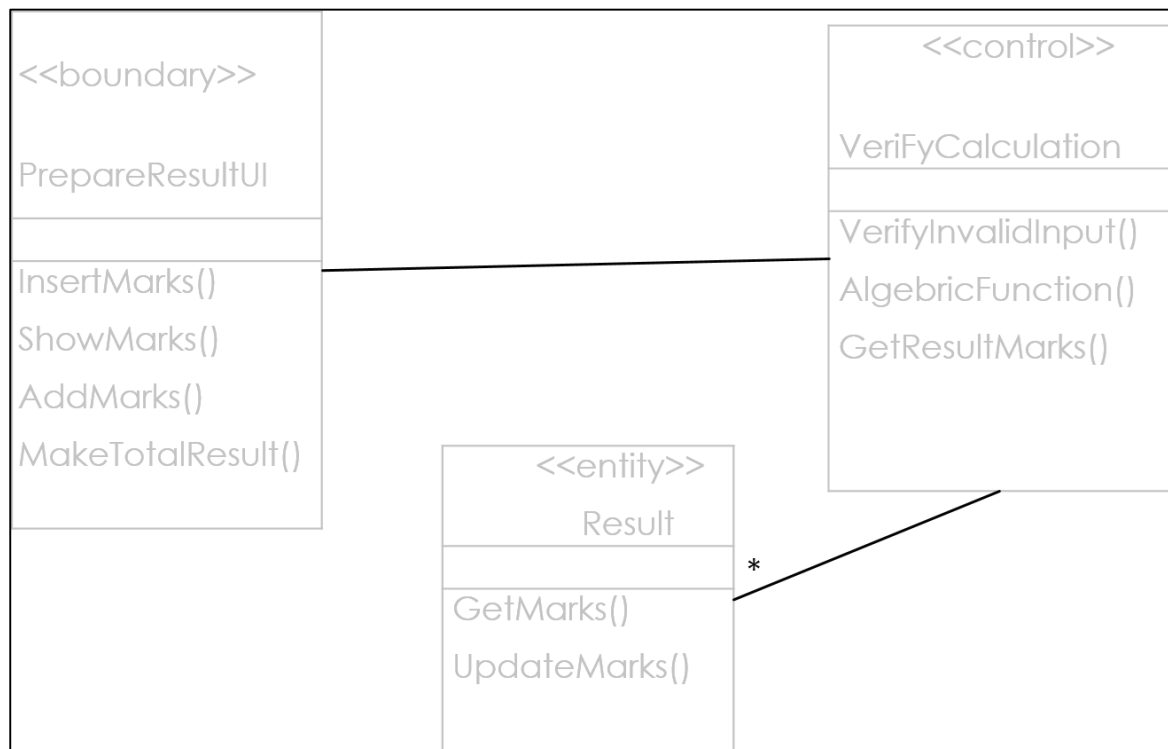


Figure 36: Class Diagram of Prepare Result

2. Forward Result

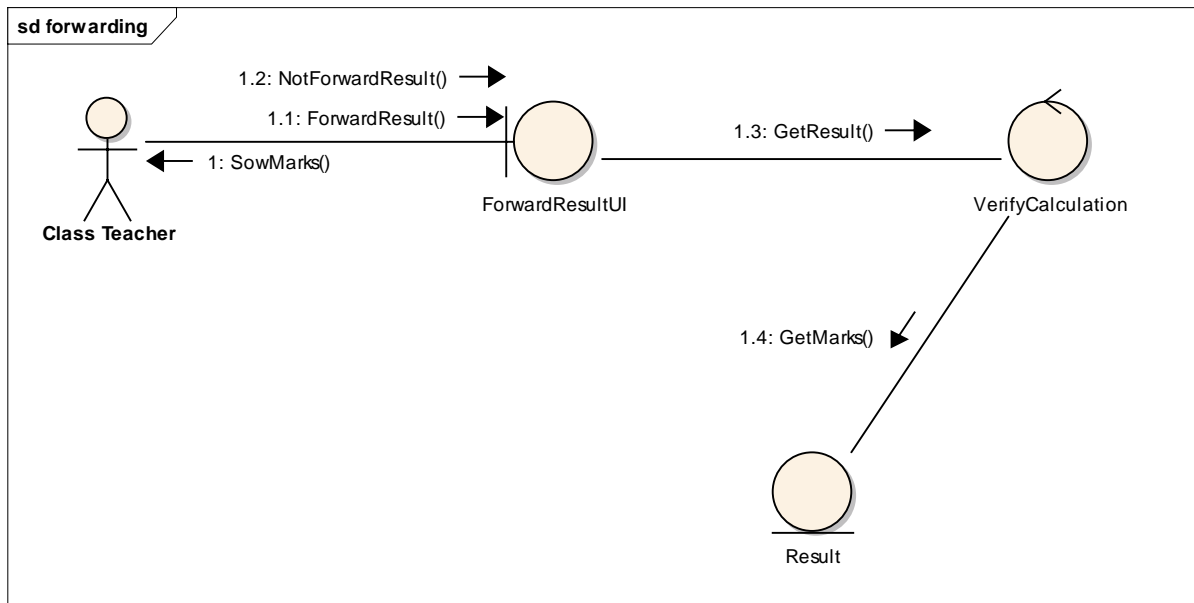


Figure 37: Collaboration Diagram of Forward Result

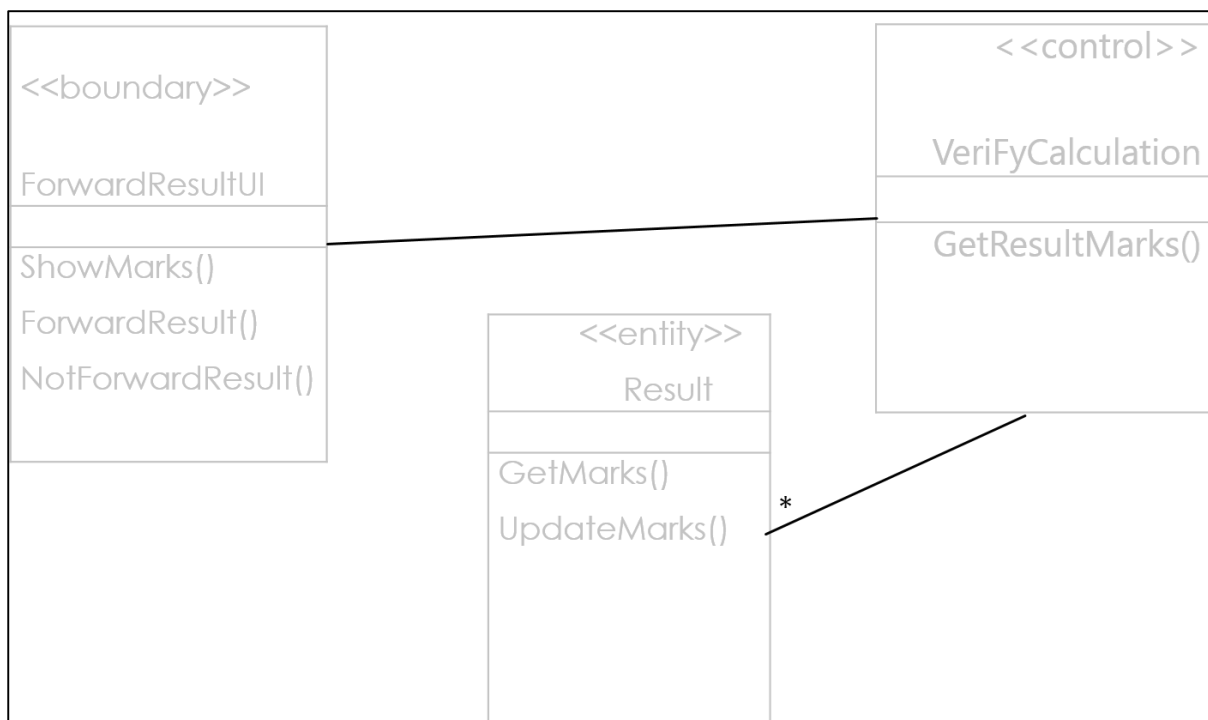


Figure 38: Class Diagram of Prepare Result

3. View Result Summary & Approve

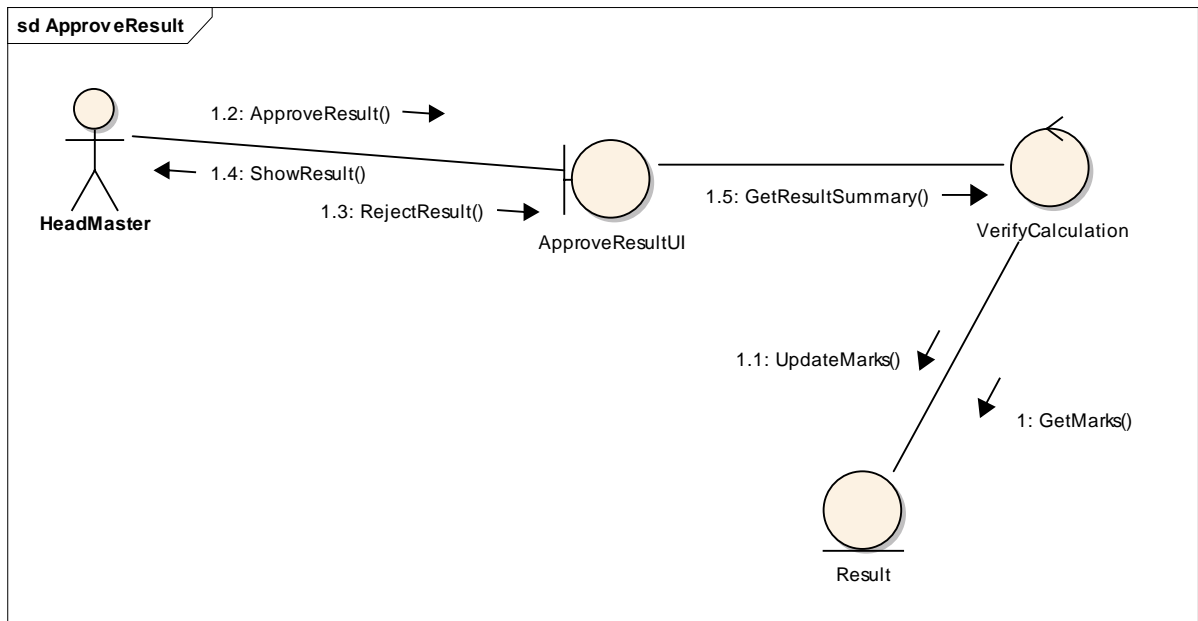


Figure 39: Collaboration Diagram of View Summary & Approve Result

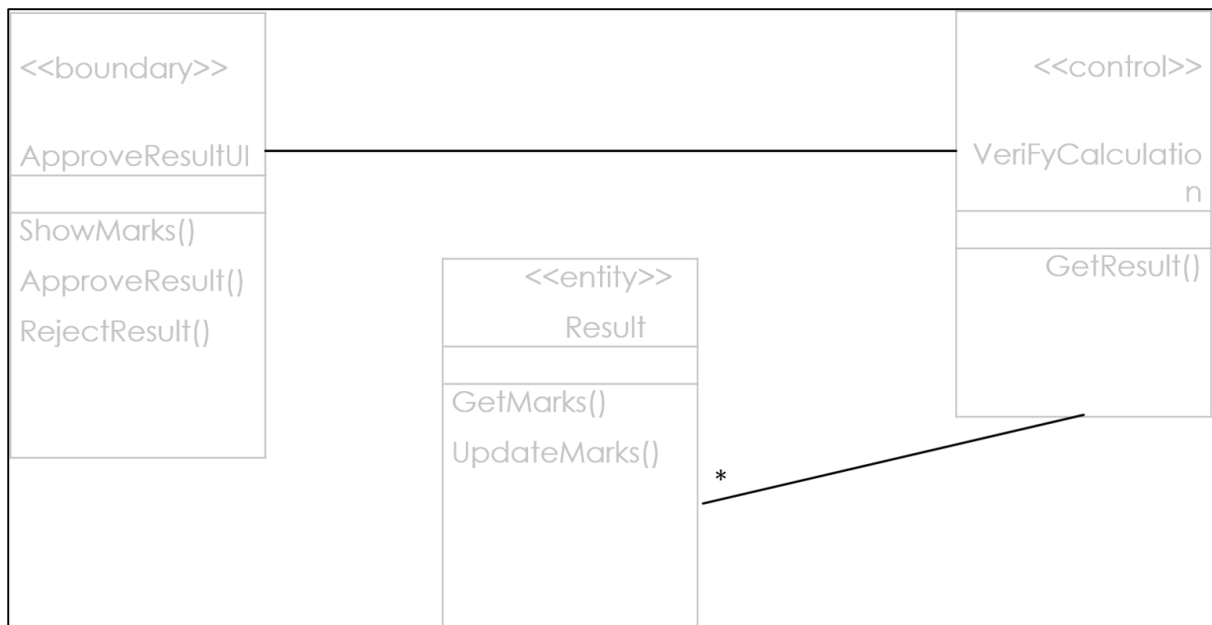


Figure 40: Class Diagram of View Summary and Approve Result

4. Update Result

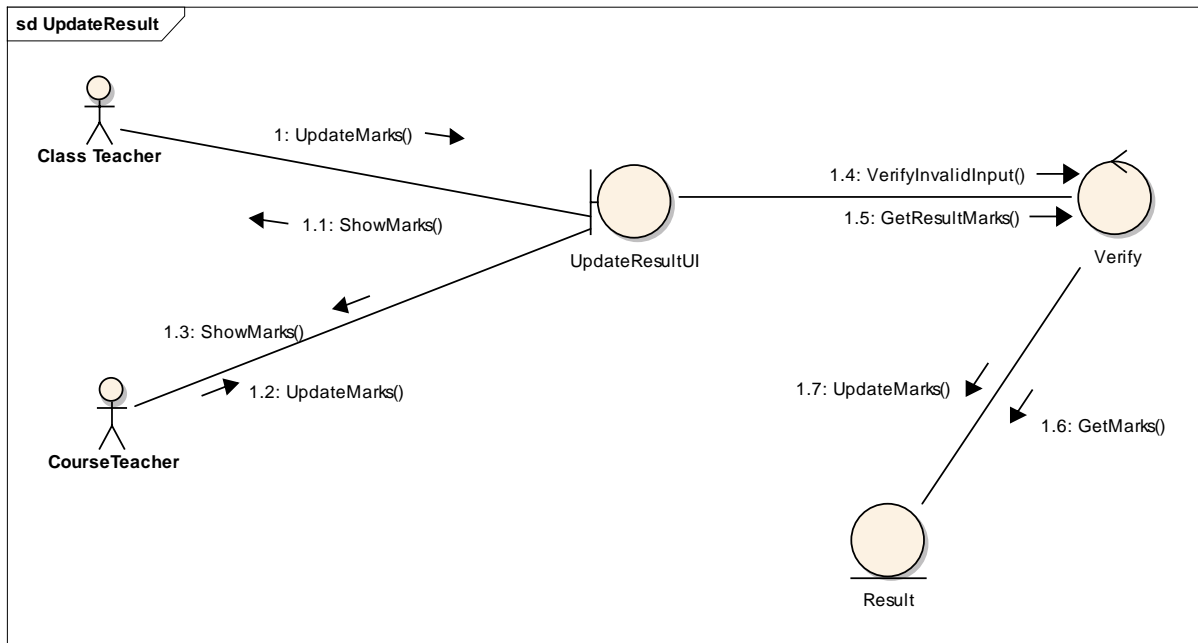


Figure 41: Collaboration Diagram of Update Result

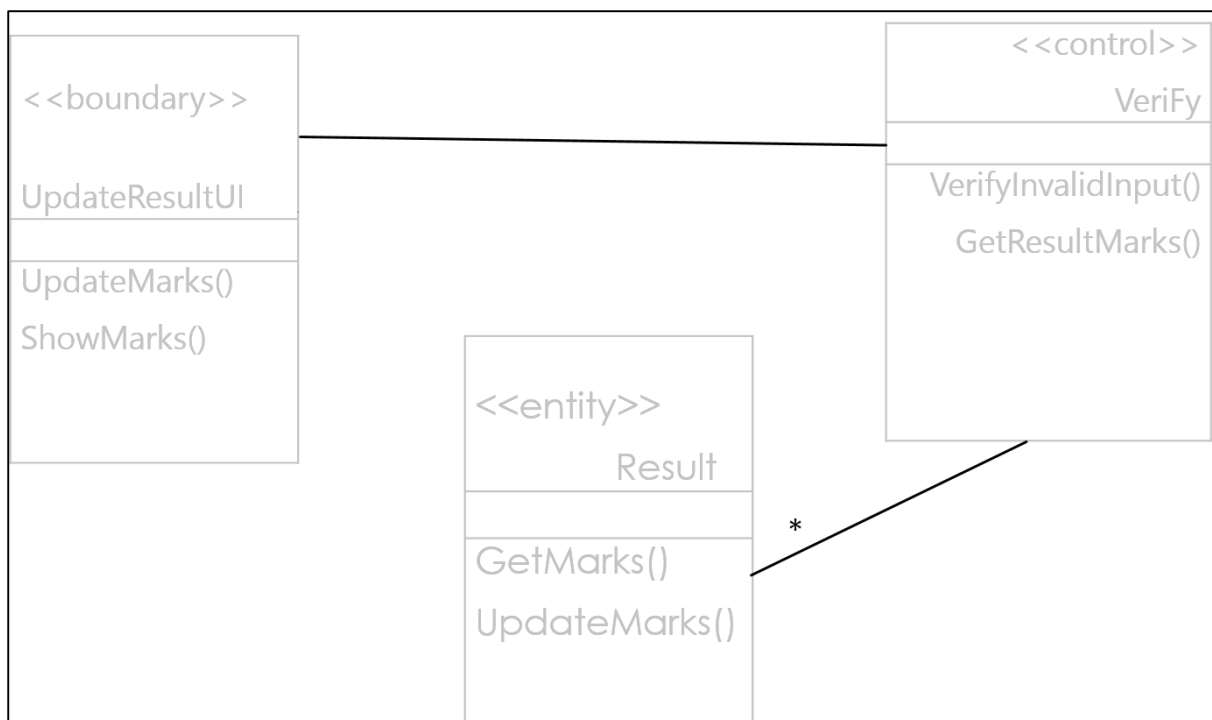


Figure 42: Class Diagram of Update Result

5. View Result

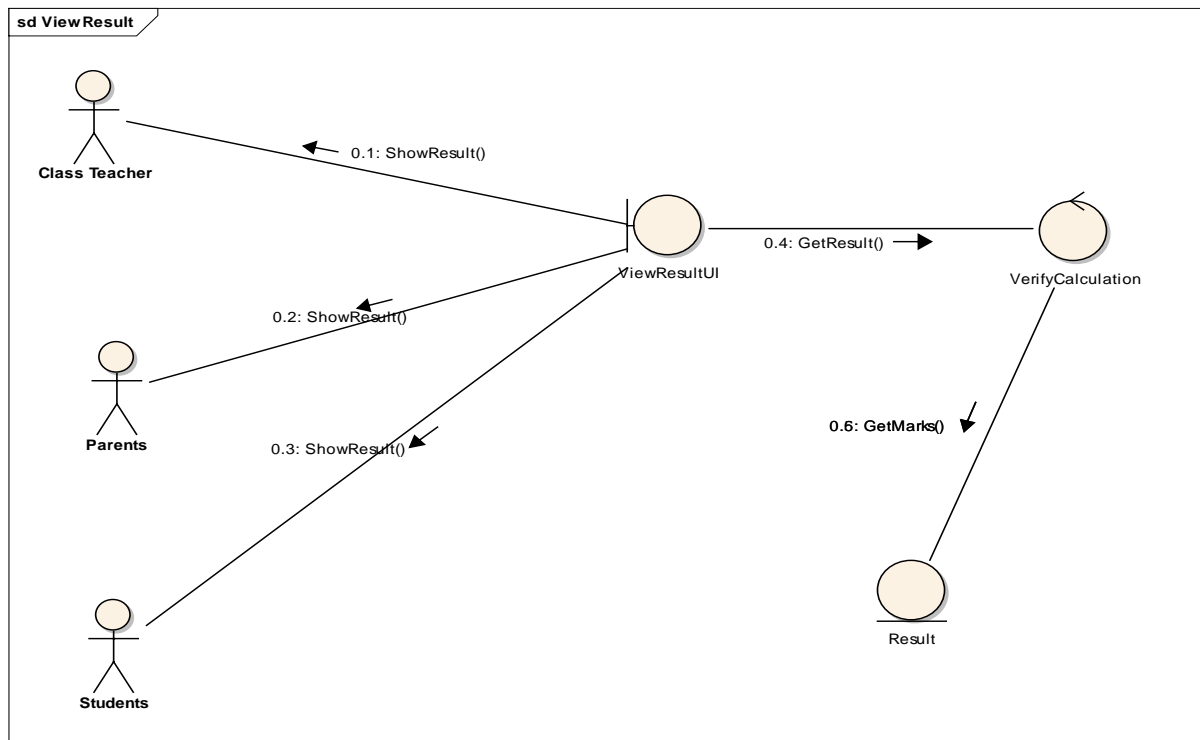


Figure 43: Collaboration Diagram of View Result

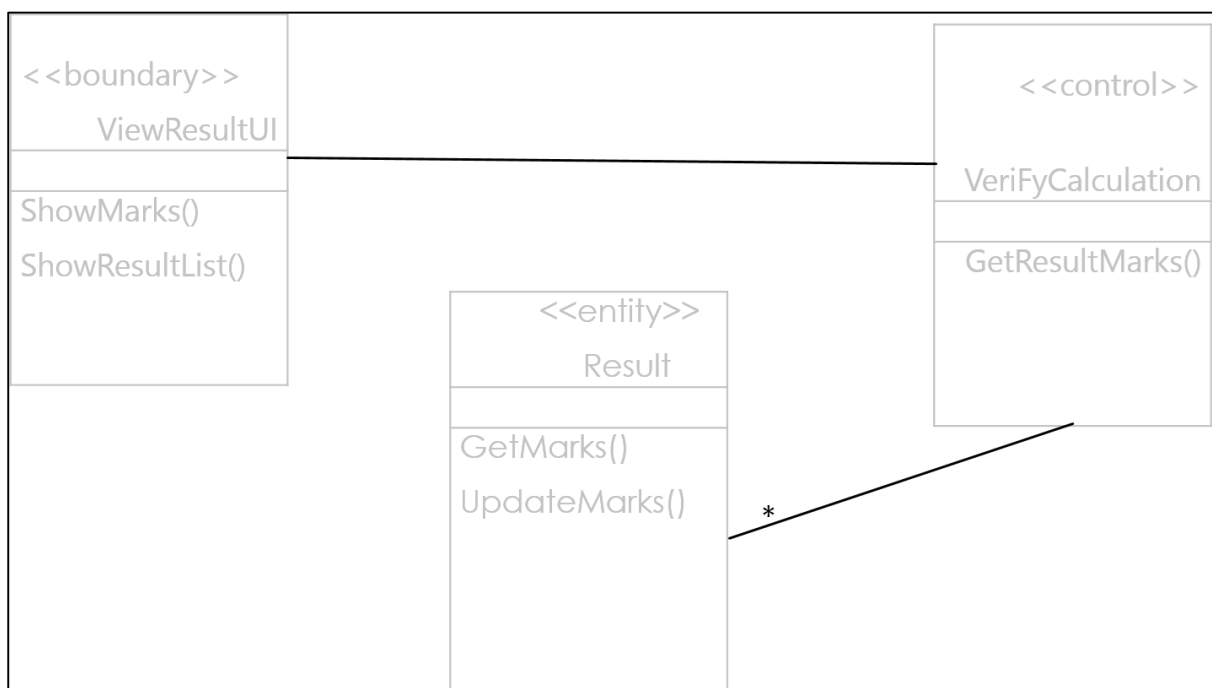


Figure 44: Class Diagram of View Result

Notice Subsystem

- ▶ Update Notice
- ▶ View Notice

1. Update Notice

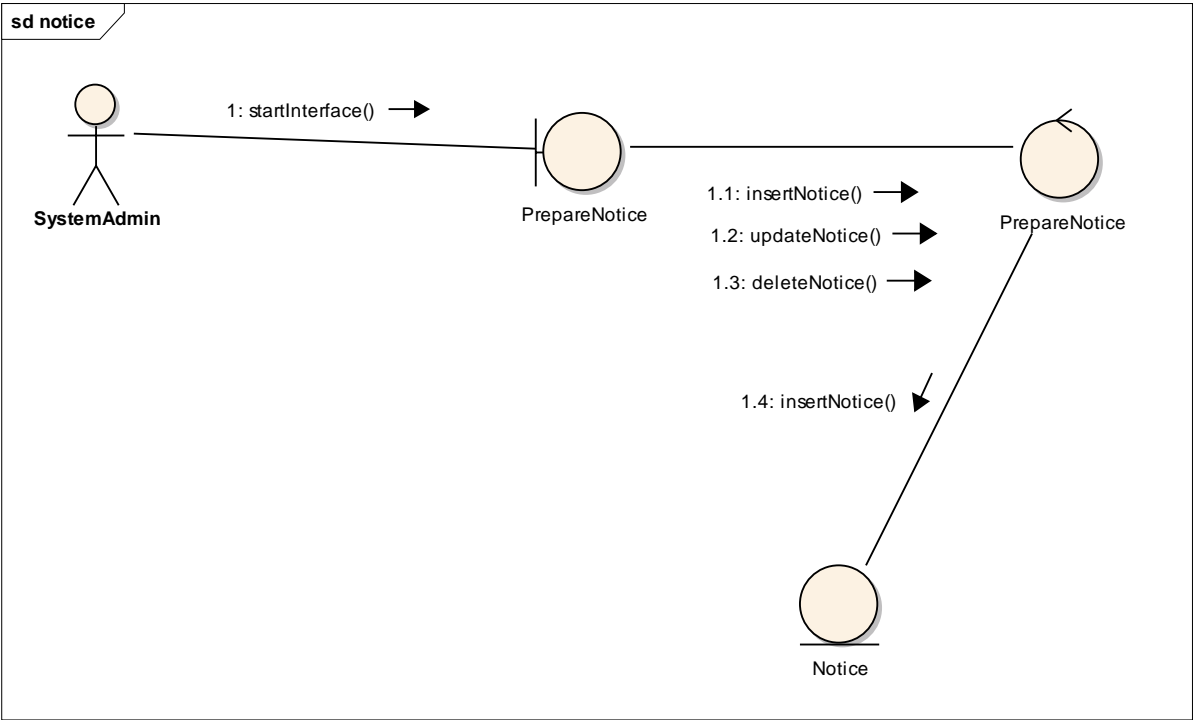


Figure 45: Collaboration Diagram of Update Notice

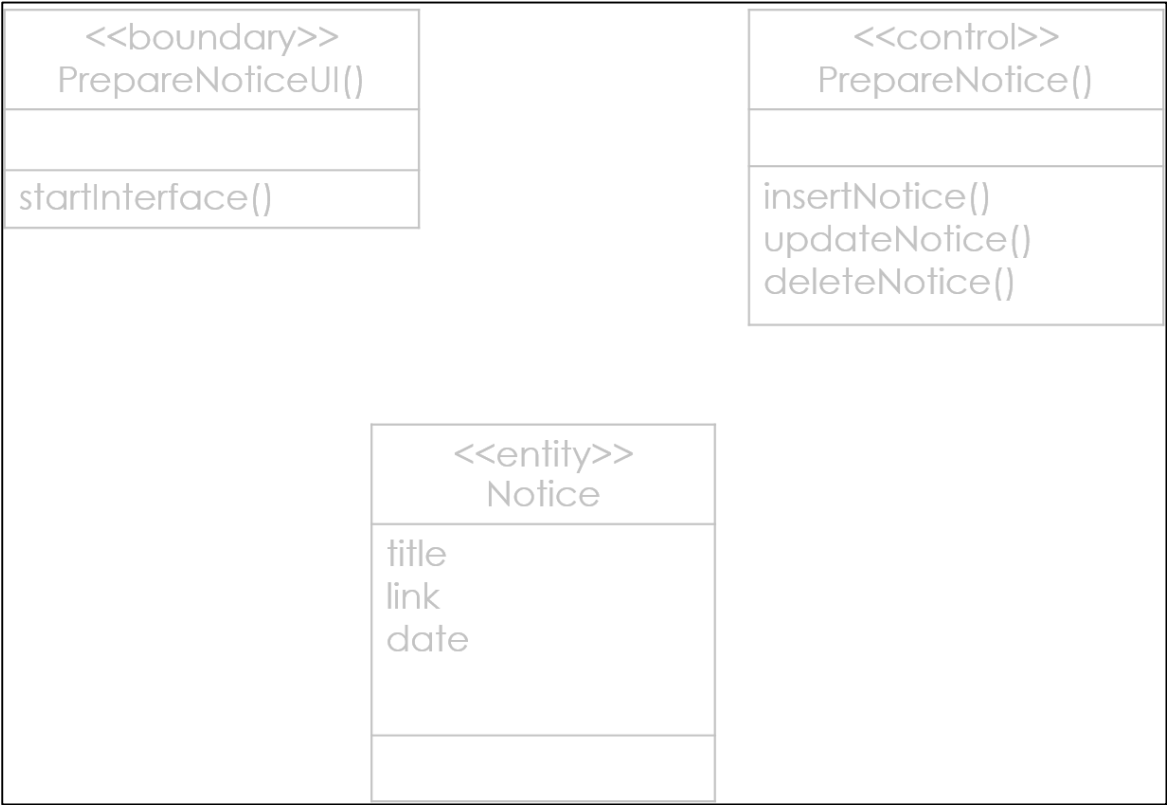


Figure 46: Class Diagram of Update Notice

2. View Notice

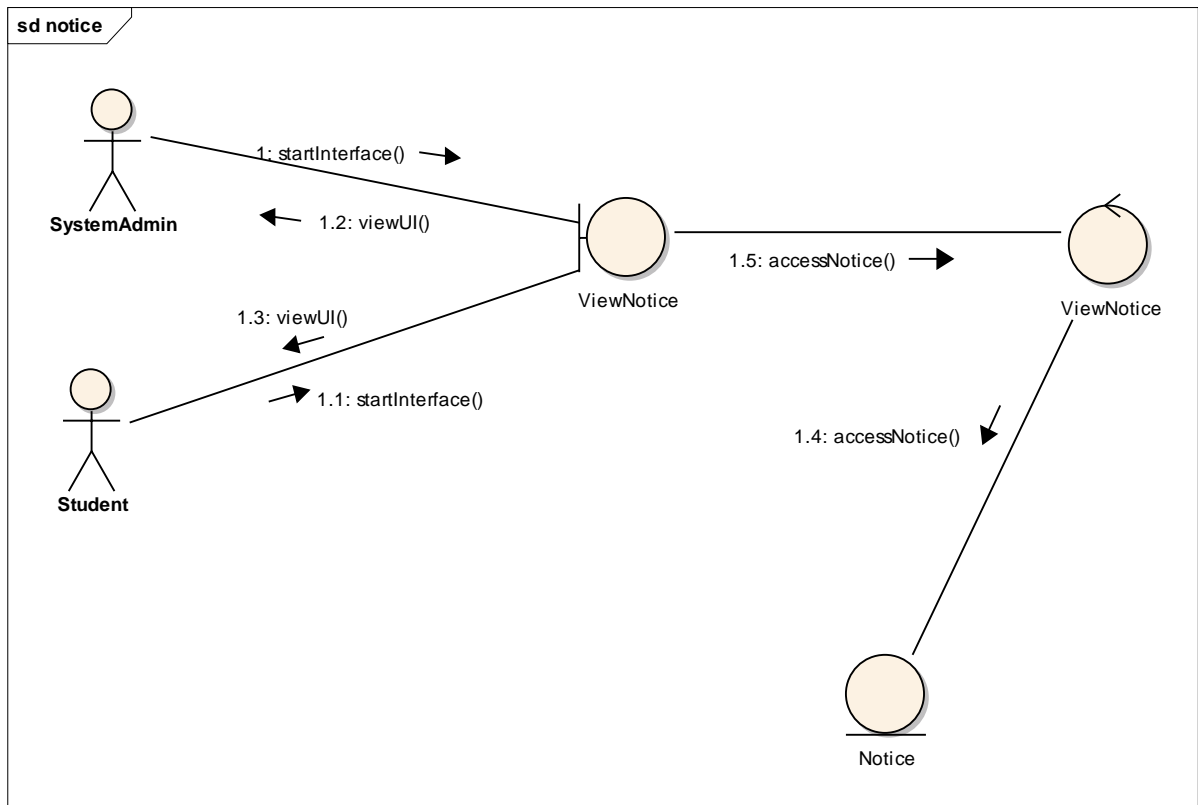


Figure 47: Collaboration Diagram of View Notice

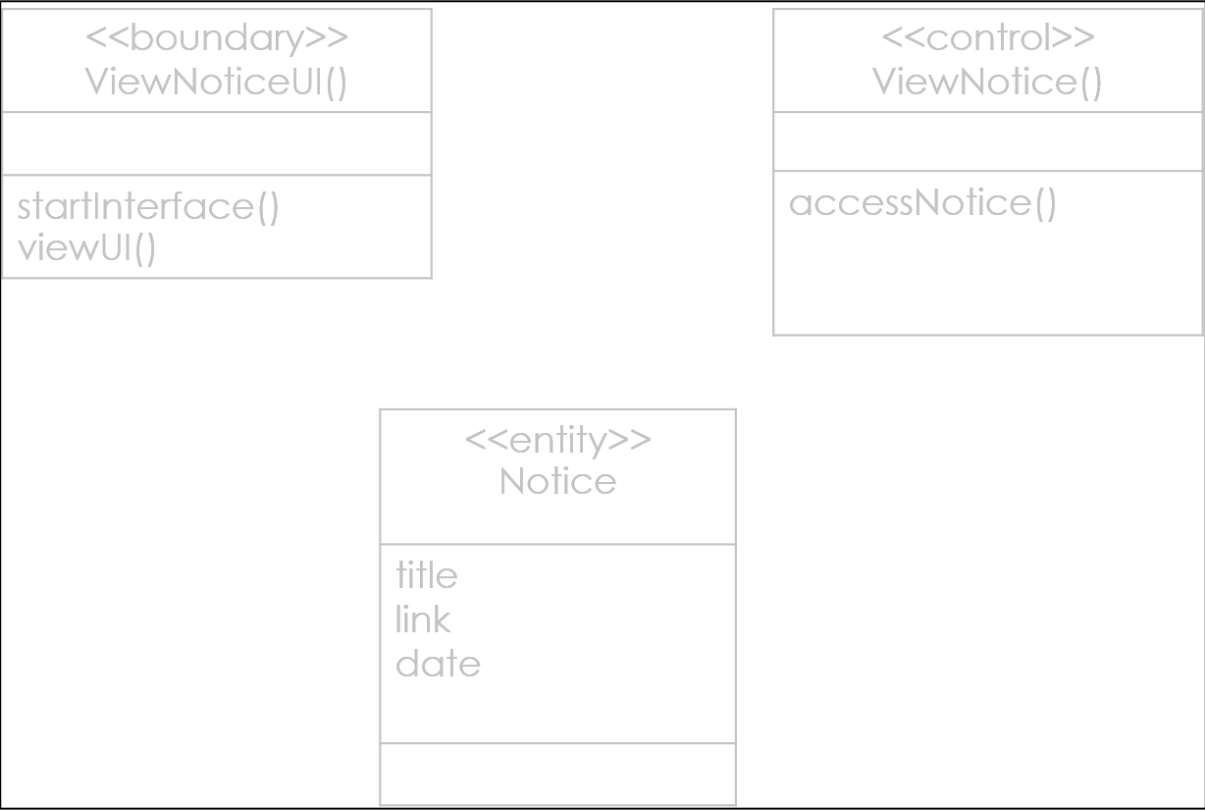


Figure 48: Class Diagram of View Notice