Computerization of B.I.T Mesra Deoghar Campus

Part 2

Salvia Fatma

Btech/60002/19

CSE

5th Semester

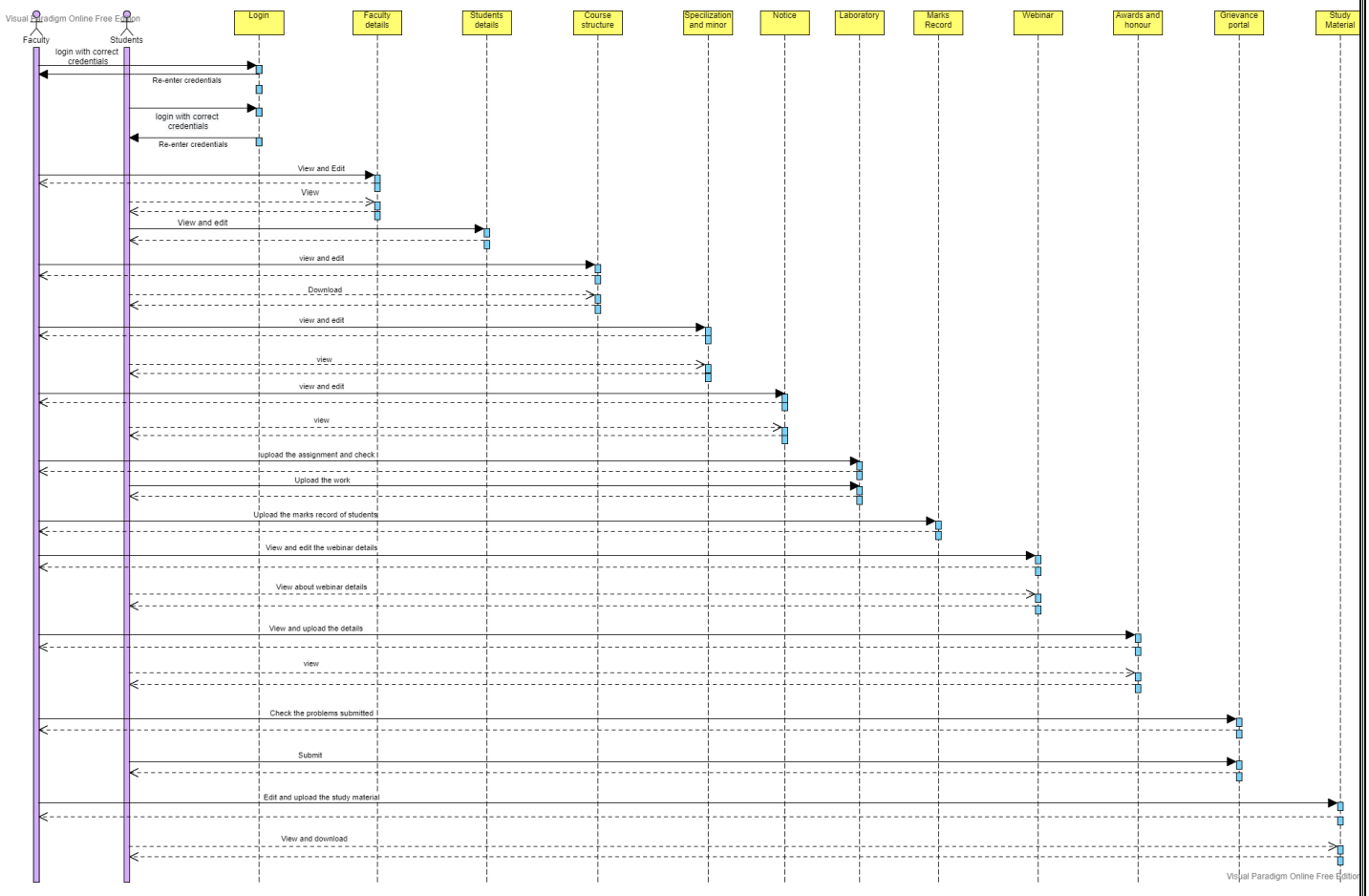
Software Engineering Lab

Module Selected:-

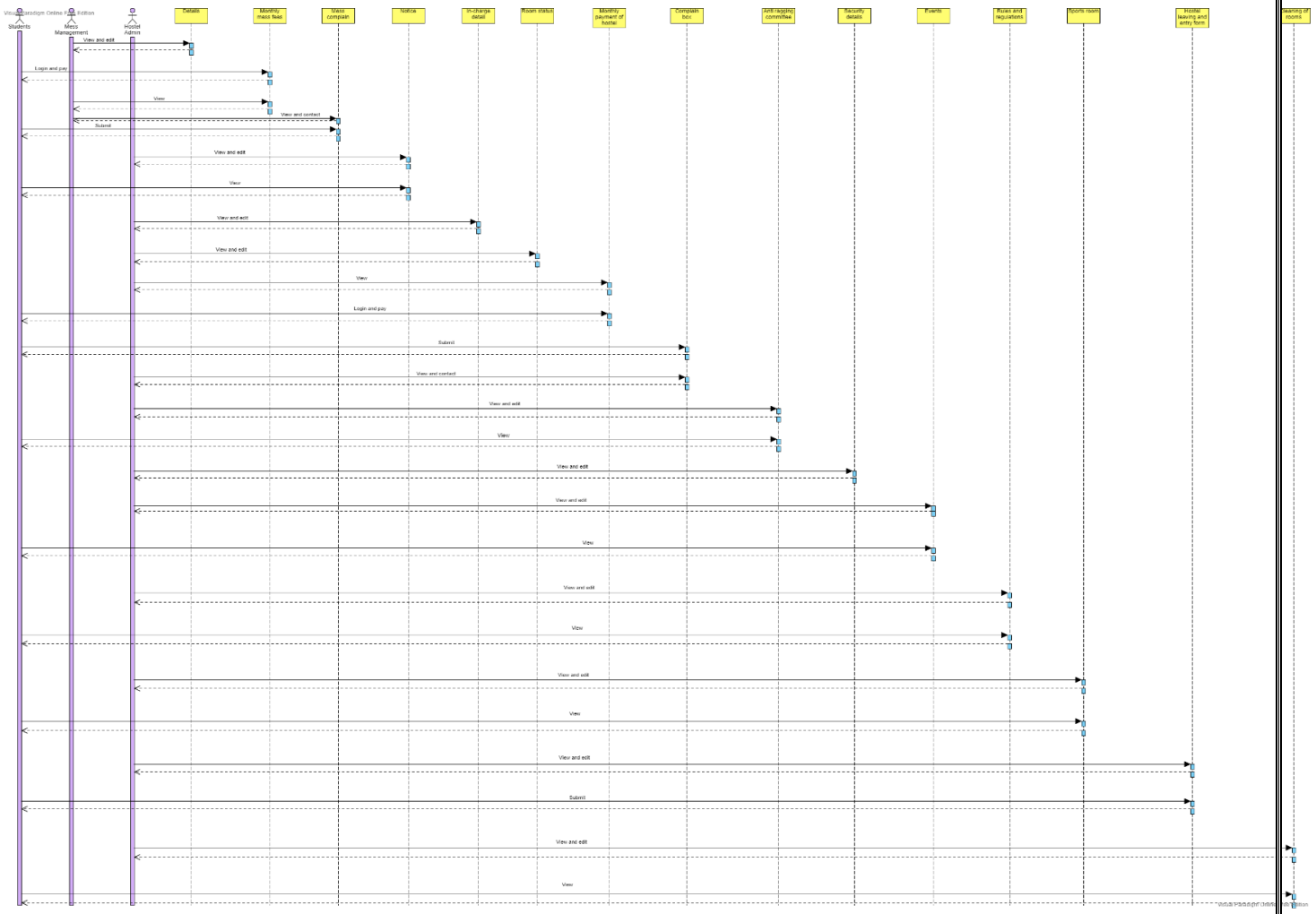
- Computer Science Department
- Girl 's Hostel
- Exam Office
- Clubs and Society

Sequence Diagram

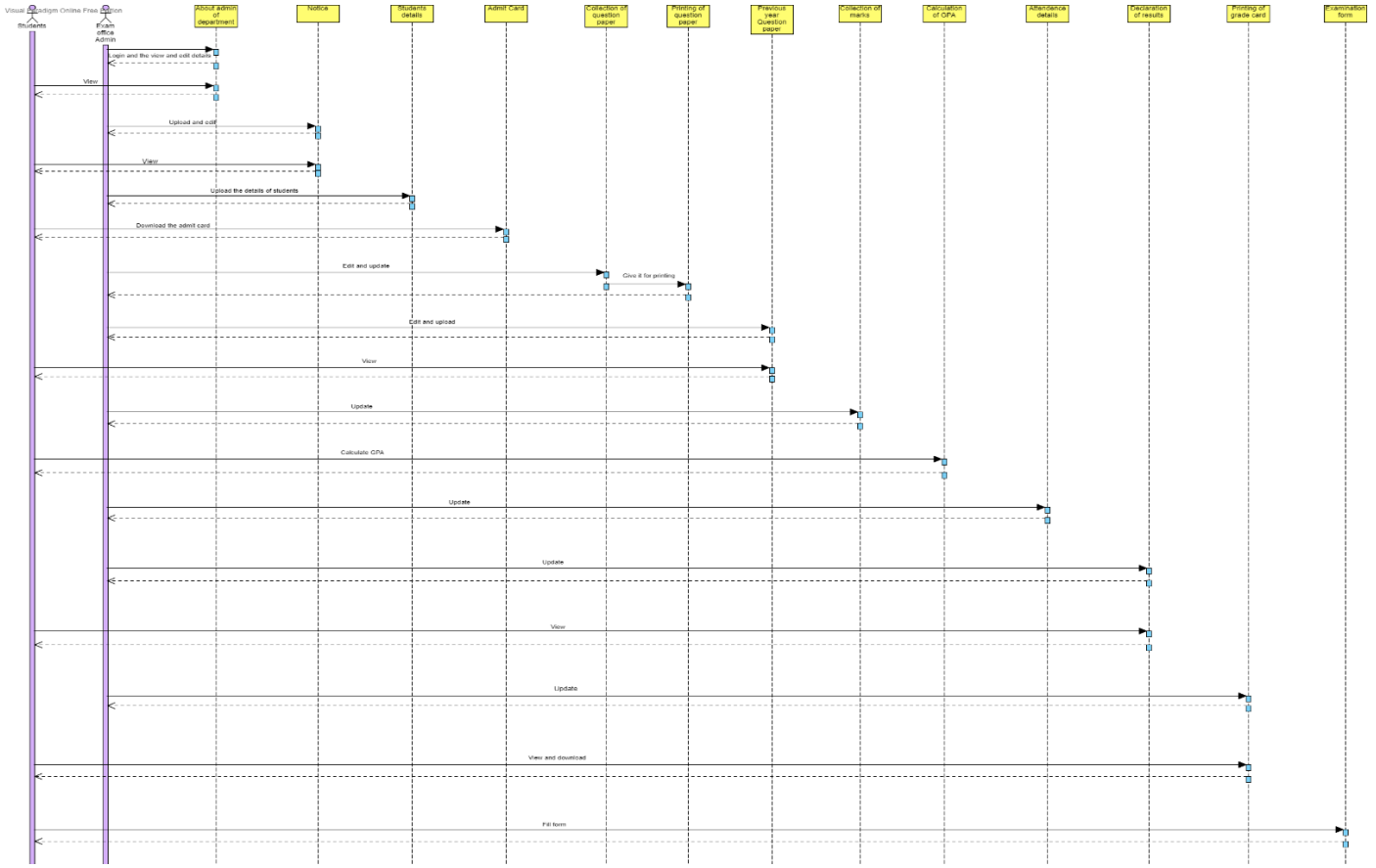
#CSE MODULE



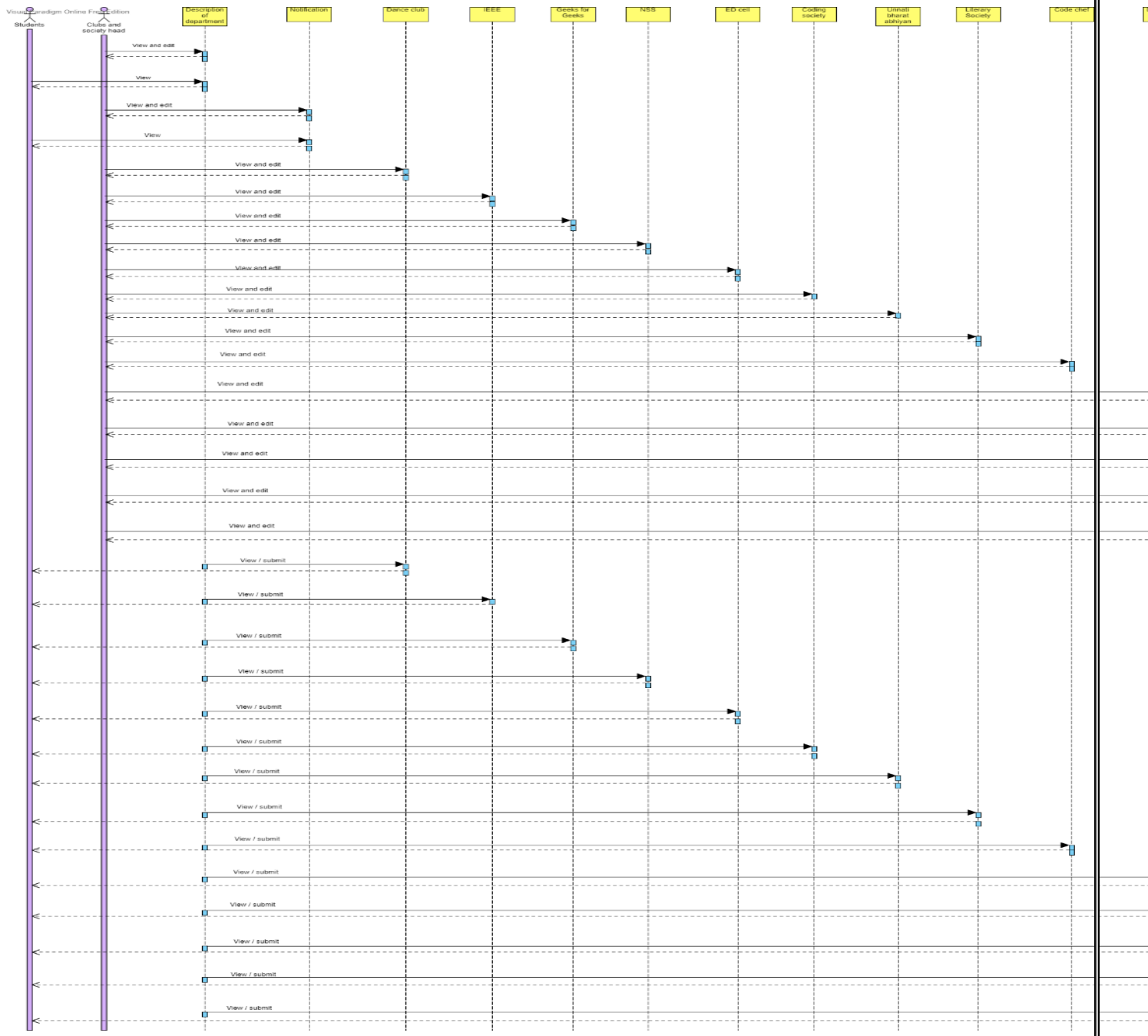
#GIRL's HOSTEL MODULE



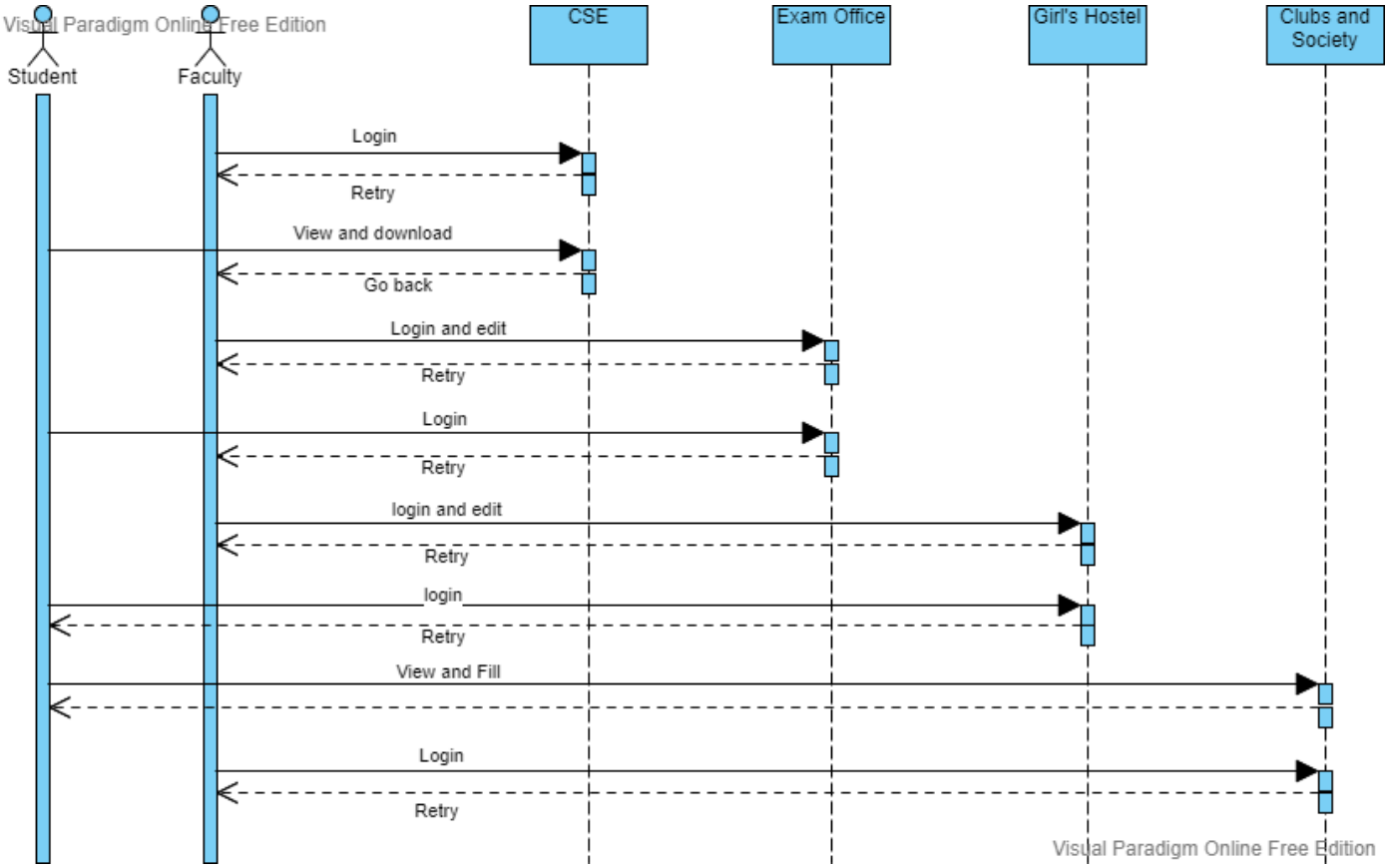
#EXAM OFFICE MODULE



#CLUBS AND SOCIETY



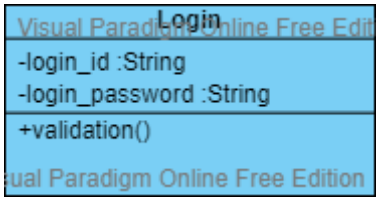
#COMBINED SEQUENCE DAIGRAM

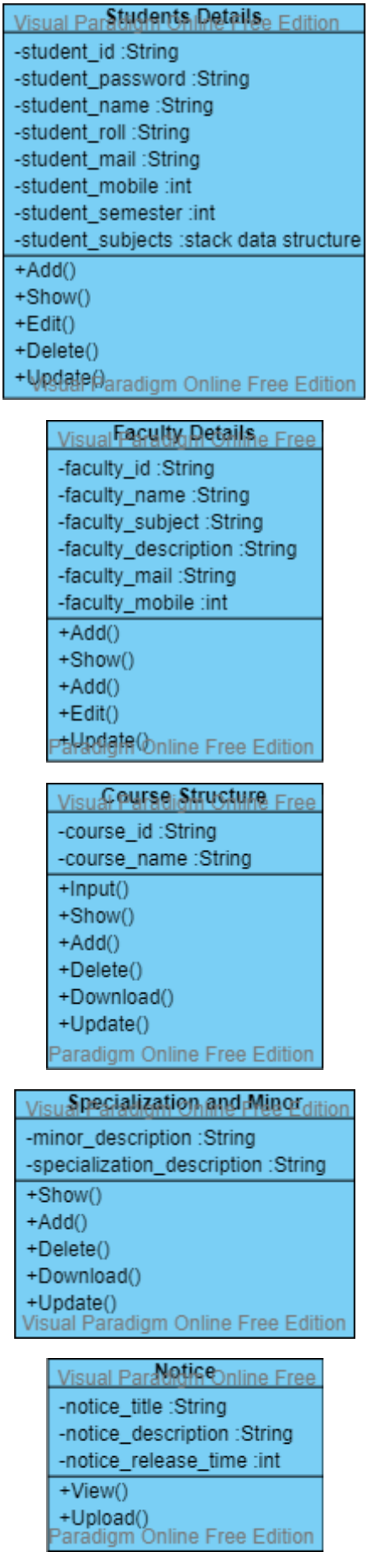


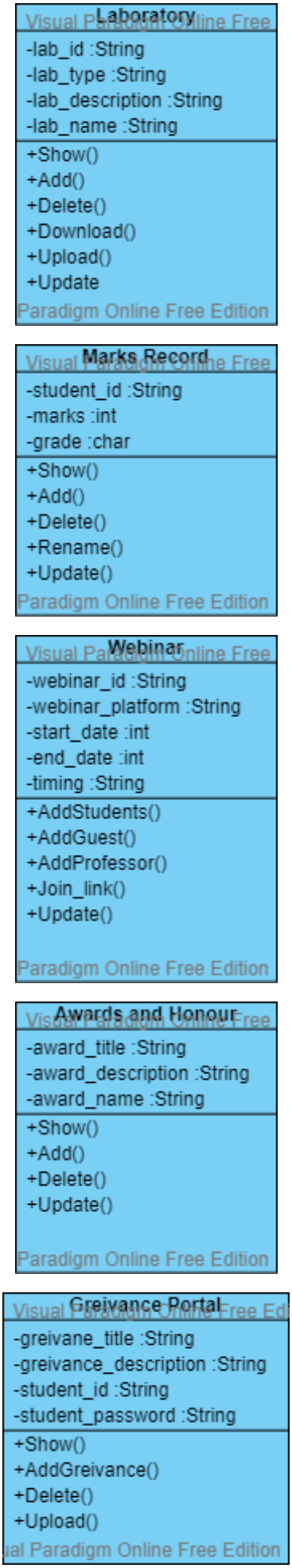
CLASS DAIGRAM:-

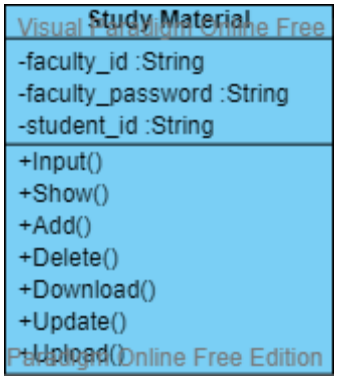
#CSE MODULE:-

INDIVIDUAL CLASS DAIGRAM-

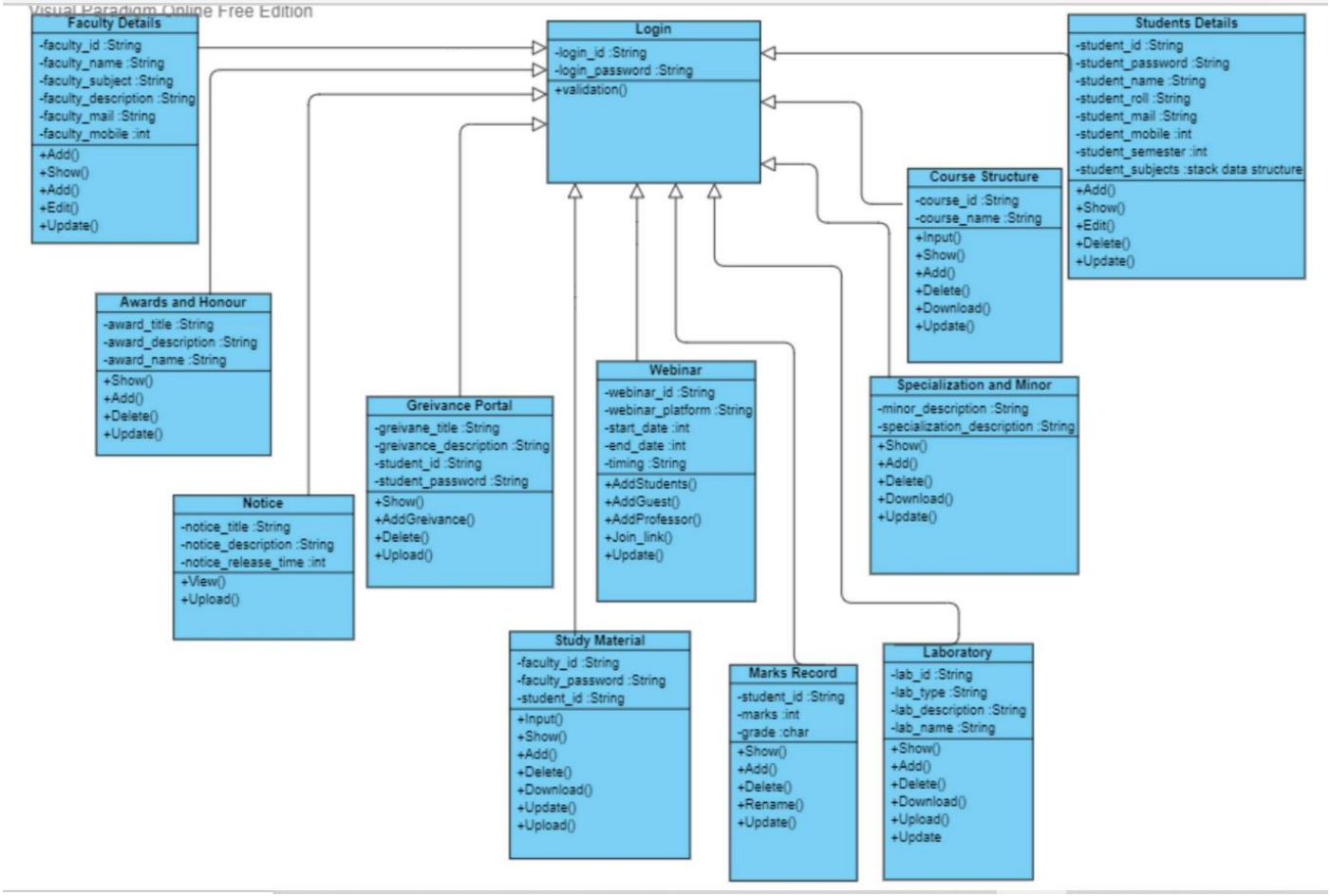



Students Details
-student_id :String
-student_password :String
-student_name :String
-student_roll :String
-student_mail :String
-student_mobile :int
-student_semester :int
-student_subjects :stack data structure
+Add()
+Show()
+Edit()
+Delete()
+Update()
Faculty Details
-faculty_id :String
-faculty_name :String
-faculty_subject :String
-faculty_description :String
-faculty_mail :String
-faculty_mobile :int
+Add()
+Show()
+Add()
+Edit()
+Update()
Course Structure
-course_id :String
-course_name :String
+Input()
+Show()
+Add()
+Delete()
+Download()
+Update()
Specialization and Minor
-minor_description :String
-specialization_description :String
+Show()
+Add()
+Delete()
+Download()
+Update()
Notice
-notice_title :String
-notice_description :String
-notice_release_time :int
+View()
+Upload()

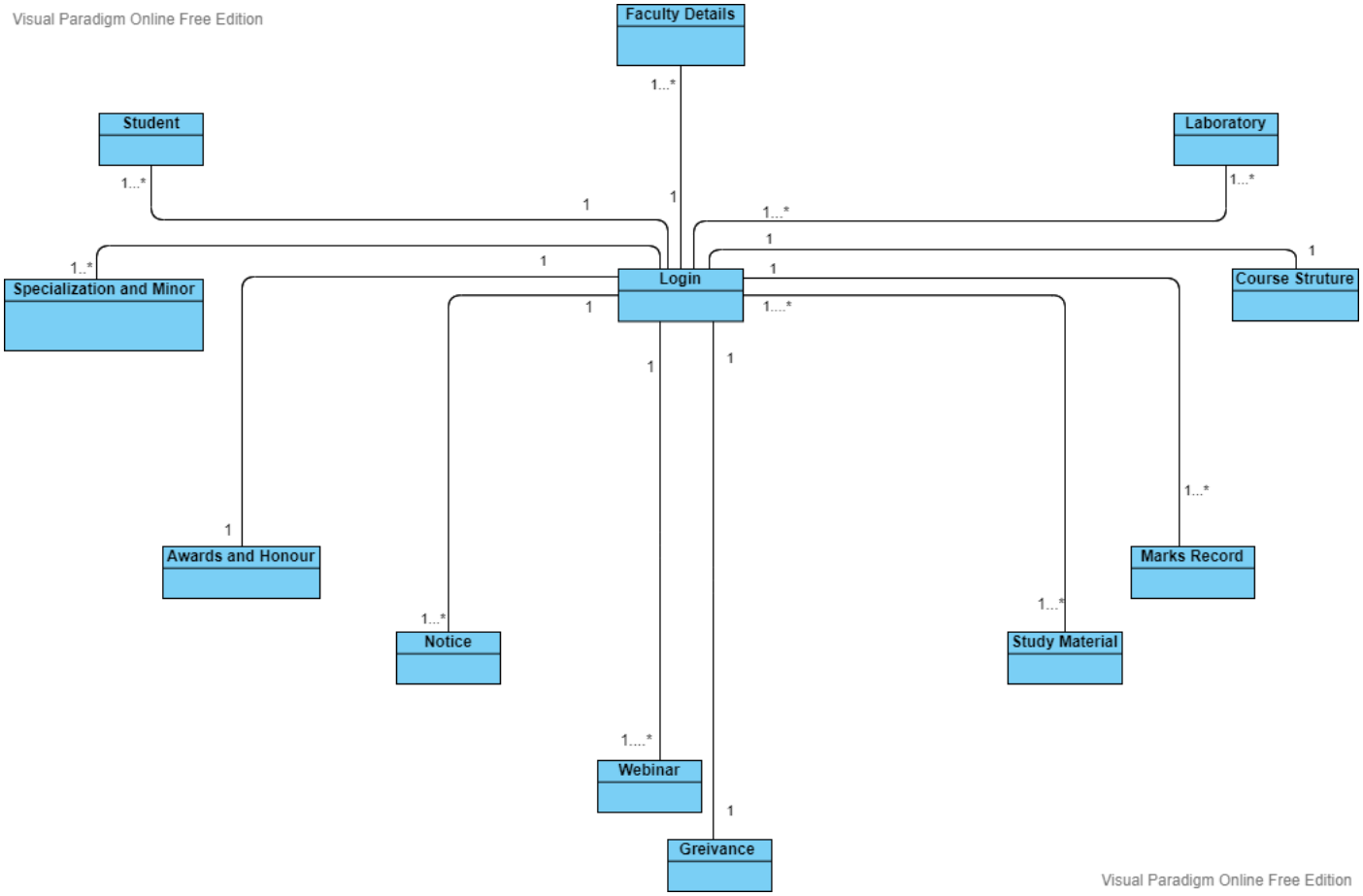

Laboratory
-lab_id :String
-lab_type :String
-lab_description :String
-lab_name :String
+Show()
+Add()
+Delete()
+Download()
+Upload()
+Update
Marks Record
-student_id :String
-marks :int
-grade :char
+Show()
+Add()
+Delete()
+Rename()
+Update()
Webinar
-webinar_id :String
-webinar_platform :String
-start_date :int
-end_date :int
-timing :String
+AddStudents()
+AddGuest()
+AddProfessor()
+Join_link()
+Update()
Awards and Honour
-award_title :String
-award_description :String
-award_name :String
+Show()
+Add()
+Delete()
+Update()
Greivance Portal
-greivane_title :String
-greivance_description :String
-student_id :String
-student_password :String
+Show()
+AddGreivance()
+Delete()
+Upload()



Super-class subclass diagram

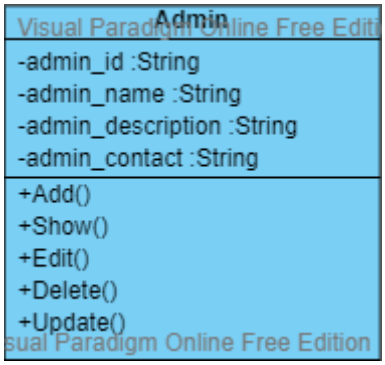


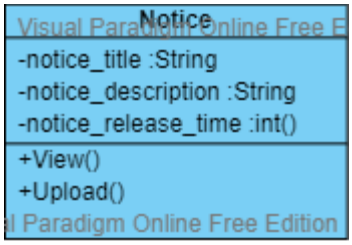
Association Diagram

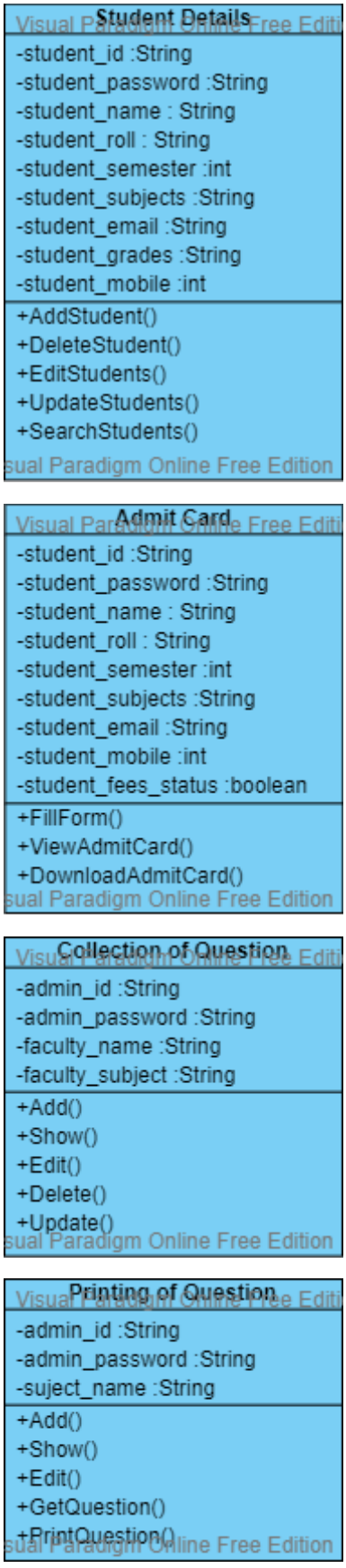


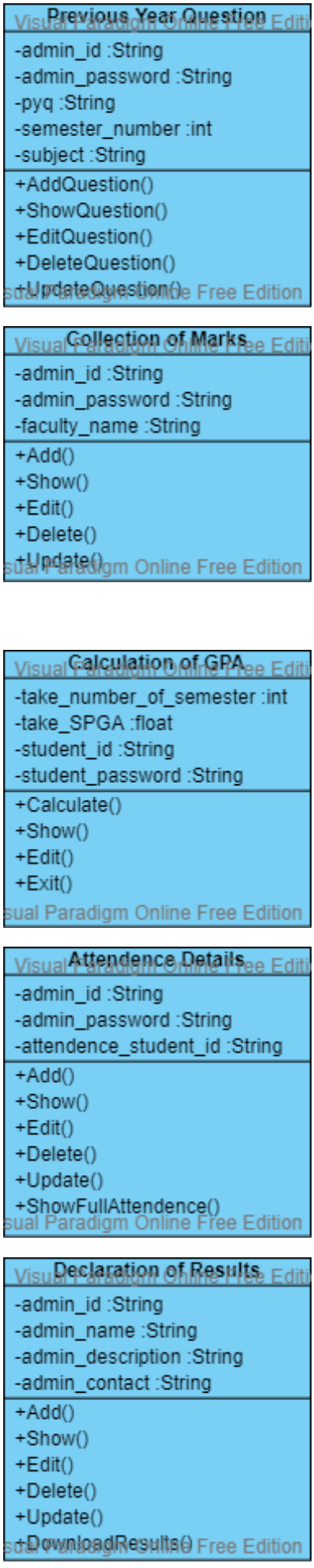
#Exam Office Module

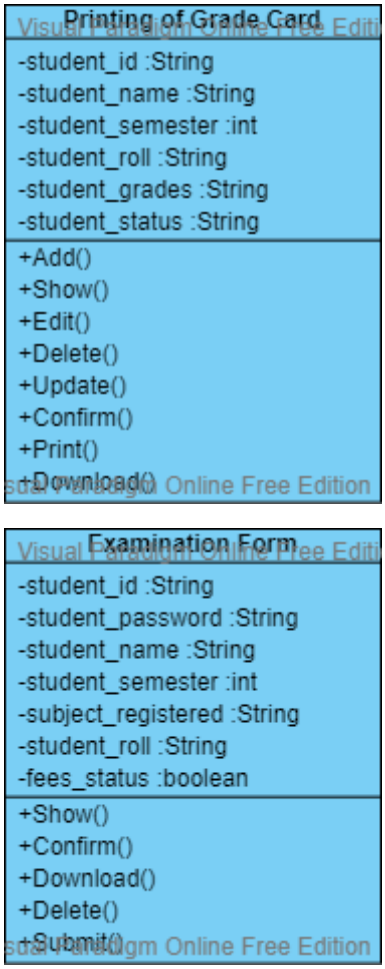
Individual class diagram



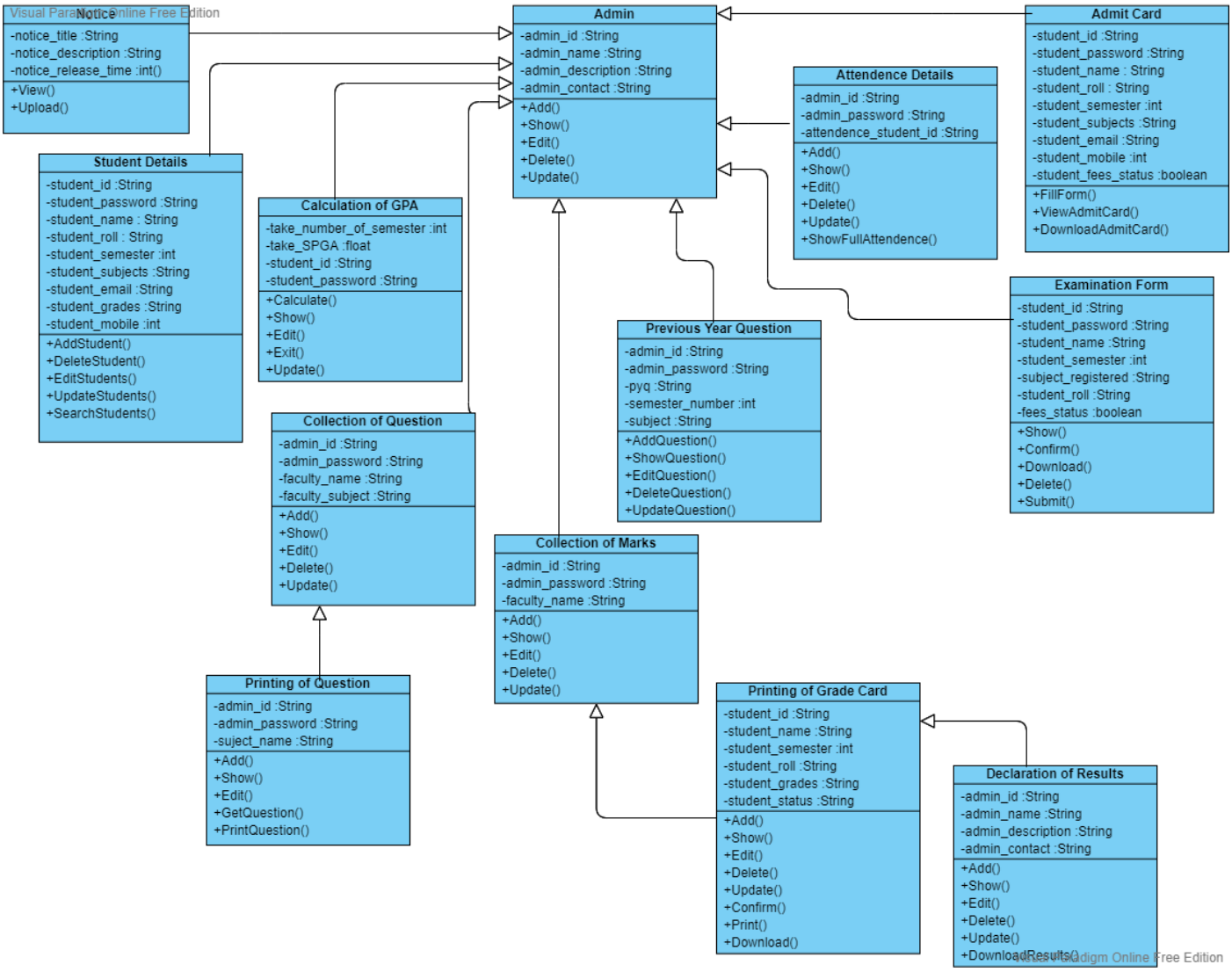



Student Details
-student_id :String
-student_password :String
-student_name : String
-student_roll : String
-student_semester :int
-student_subjects :String
-student_email :String
-student_grades :String
-student_mobile :int
+AddStudent()
+DeleteStudent()
+EditStudents()
+UpdateStudents()
+SearchStudents()
Admit Card
-student_id :String
-student_password :String
-student_name : String
-student_roll : String
-student_semester :int
-student_subjects :String
-student_email :String
-student_mobile :int
-student_fees_status :boolean
+FillForm()
+ViewAdmitCard()
+DownloadAdmitCard()
Collection of Question
-admin_id :String
-admin_password :String
-faculty_name :String
-faculty_subject :String
+Add()
+Show()
+Edit()
+Delete()
+Update()
Printing of Question
-admin_id :String
-admin_password :String
-suject_name :String
+Add()
+Show()
+Edit()
+GetQuestion()
+PrintQuestion()

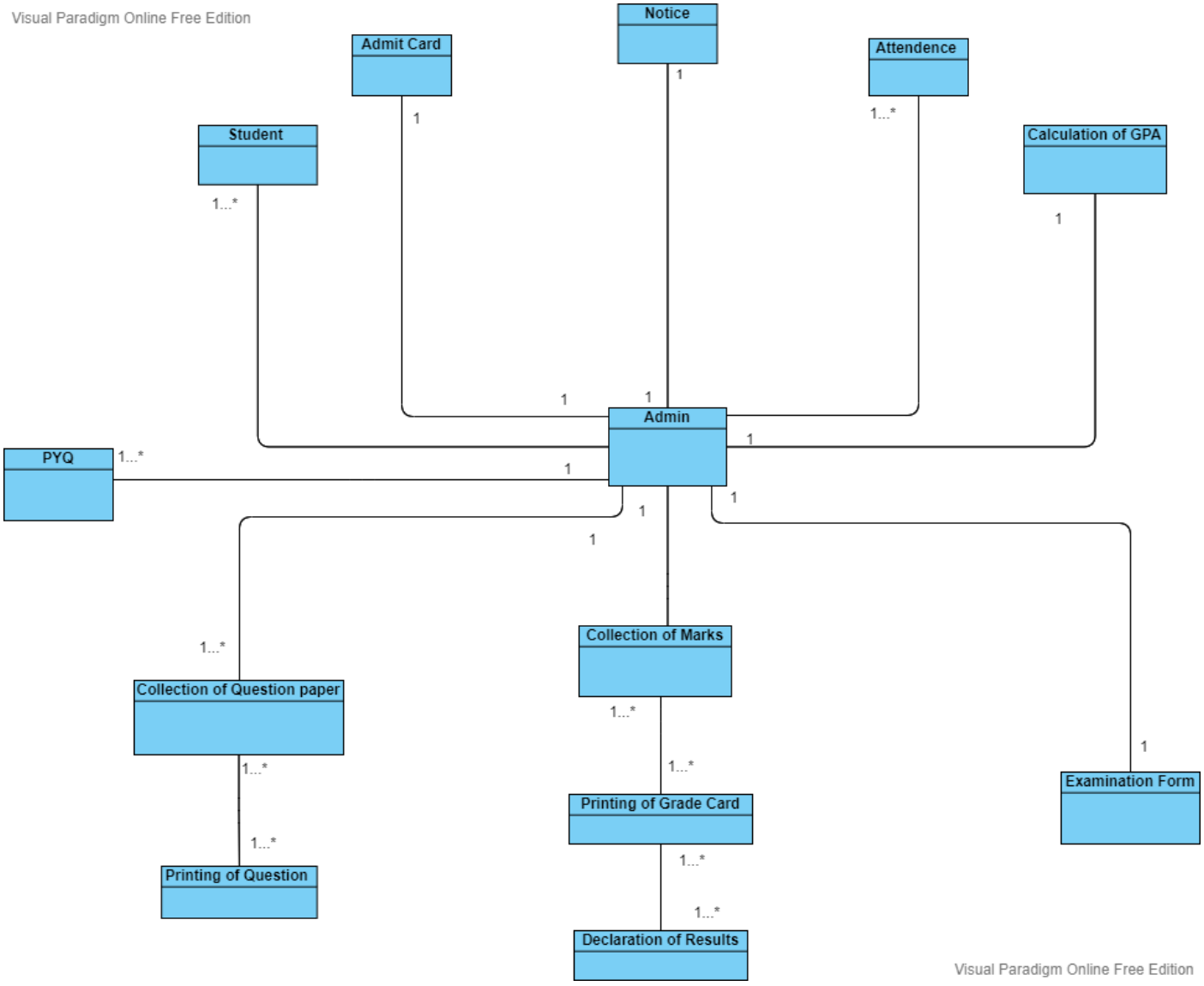

Previous Year Question
-admin_id :String
-admin_password :String
-pyq :String
-semester_number :int
-subject :String
+AddQuestion()
+ShowQuestion()
+EditQuestion()
+DeleteQuestion()
+UpdateQuestion()
Collection of Marks
-admin_id :String
-admin_password :String
-faculty_name :String
+Add()
+Show()
+Edit()
+Delete()
+Update()
Calculation of GPA
-take_number_of_semester :int
-take_SPGA :float
-student_id :String
-student_password :String
+Calculate()
+Show()
+Edit()
+Exit()
Attendence Details
-admin_id :String
-admin_password :String
-attendence_student_id :String
+Add()
+Show()
+Edit()
+Delete()
+Update()
+ShowFullAttendence()
Declaration of Results
-admin_id :String
-admin_name :String
-admin_description :String
-admin_contact :String
+Add()
+Show()
+Edit()
+Delete()
+Update()
+DownloadResults()



Super class SubClass Diagram

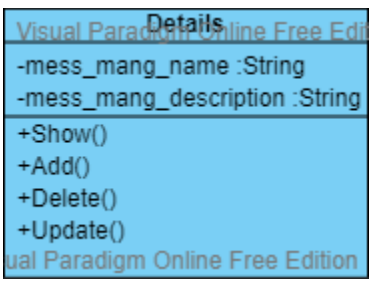


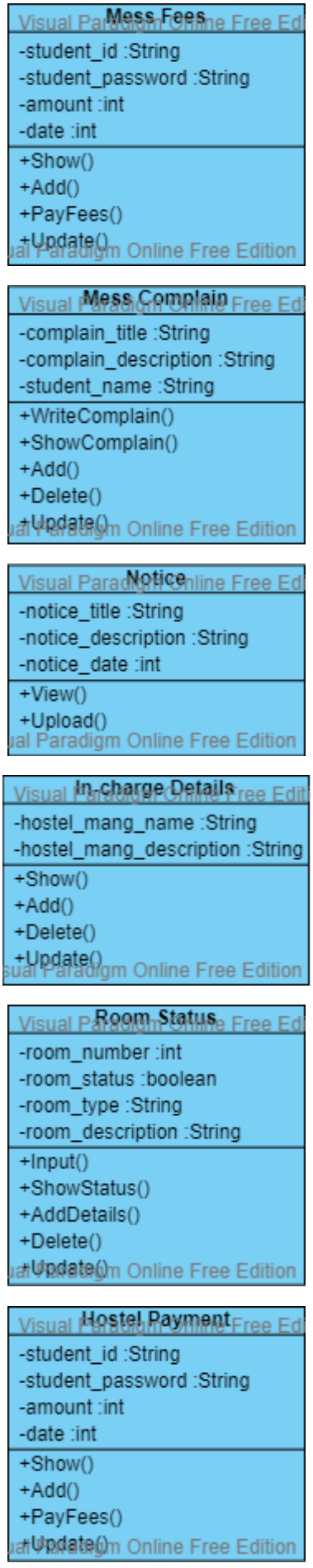
Association Diagram

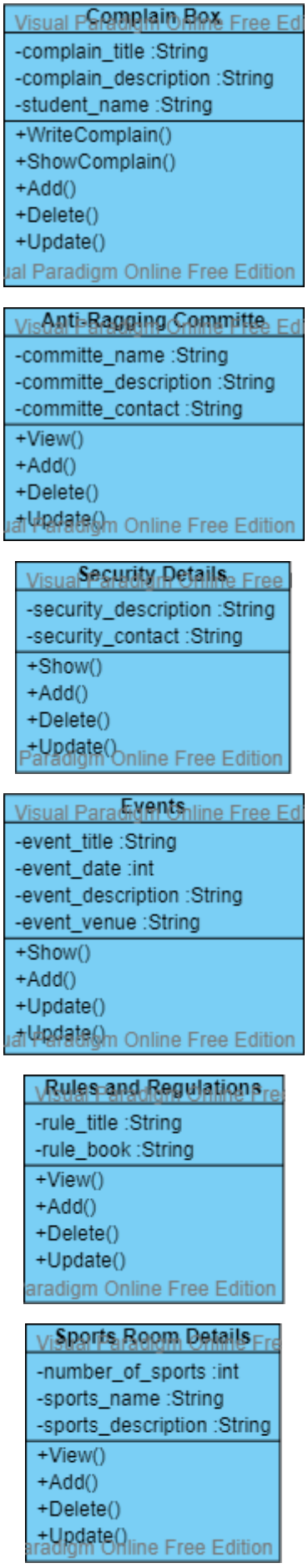


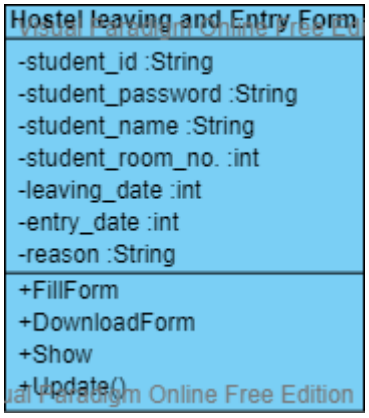
#Girl's Hostel Module:-

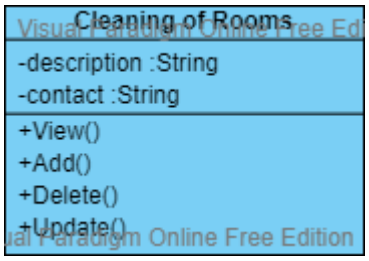
Individual class diagram



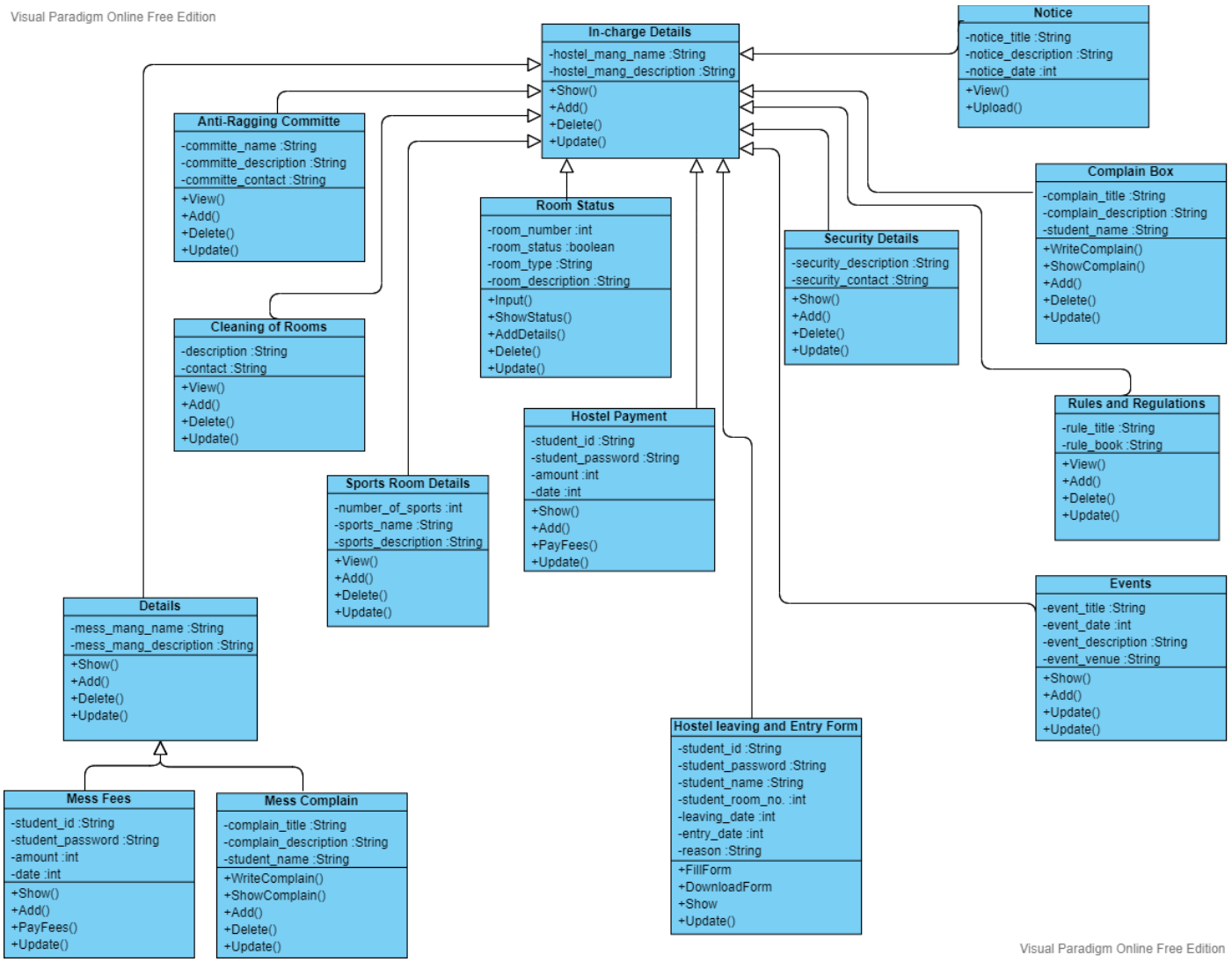

Mess Fees
-student_id :String
-student_password :String
-amount :int
-date :int
+Show()
+Add()
+PayFees()
+Update()
Mess Complain
-complain_title :String
-complain_description :String
-student_name :String
+WriteComplain()
+ShowComplain()
+Add()
+Delete()
+Update()
Notice
-notice_title :String
-notice_description :String
-notice_date :int
+View()
+Upload()
In-charge Details
-hostel_mang_name :String
-hostel_mang_description :String
+Show()
+Add()
+Delete()
+Update()
Room Status
-room_number :int
-room_status :boolean
-room_type :String
-room_description :String
+Input()
+ShowStatus()
+AddDetails()
+Delete()
+Update()
Hostel Payment
-student_id :String
-student_password :String
-amount :int
-date :int
+Show()
+Add()
+PayFees()
+Update()


Complain Box
-complain_title :String
-complain_description :String
-student_name :String
+WriteComplain()
+ShowComplain()
+Add()
+Delete()
+Update()
Anti-Ragging Committe
-committe_name :String
-committe_description :String
-committe_contact :String
+View()
+Add()
+Delete()
+Update()
Security Details
-security_description :String
-security_contact :String
+Show()
+Add()
+Delete()
+Update()
Events
-event_title :String
-event_date :int
-event_description :String
-event_venue :String
+Show()
+Add()
+Update()
+Update()
Rules and Regulations
-rule_title :String
-rule_book :String
+View()
+Add()
+Delete()
+Update()
Sports Room Details
-number_of_sports :int
-sports_name :String
-sports_description :String
+View()
+Add()
+Delete()
+Update()

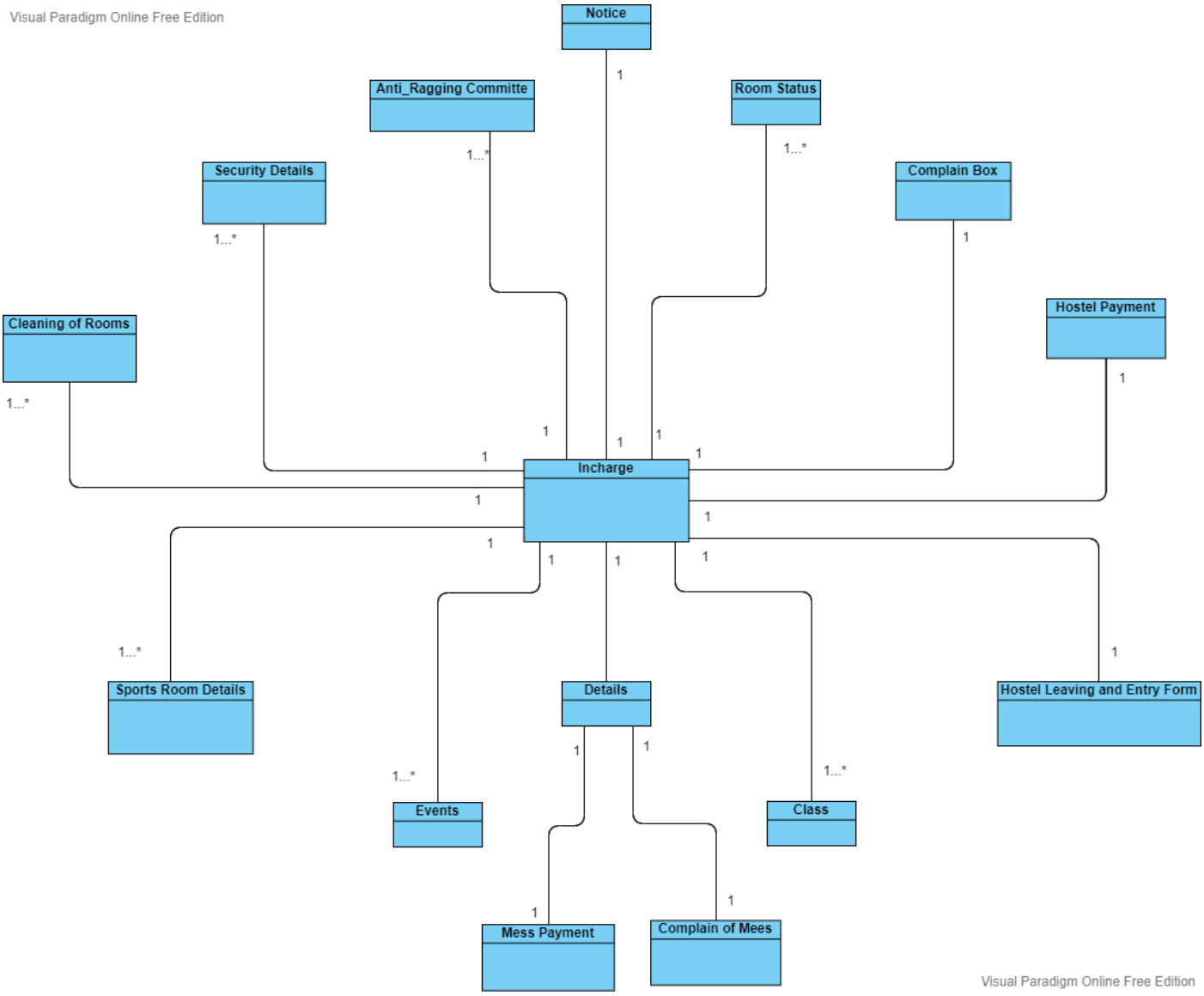




Super Class Subclass Diagram

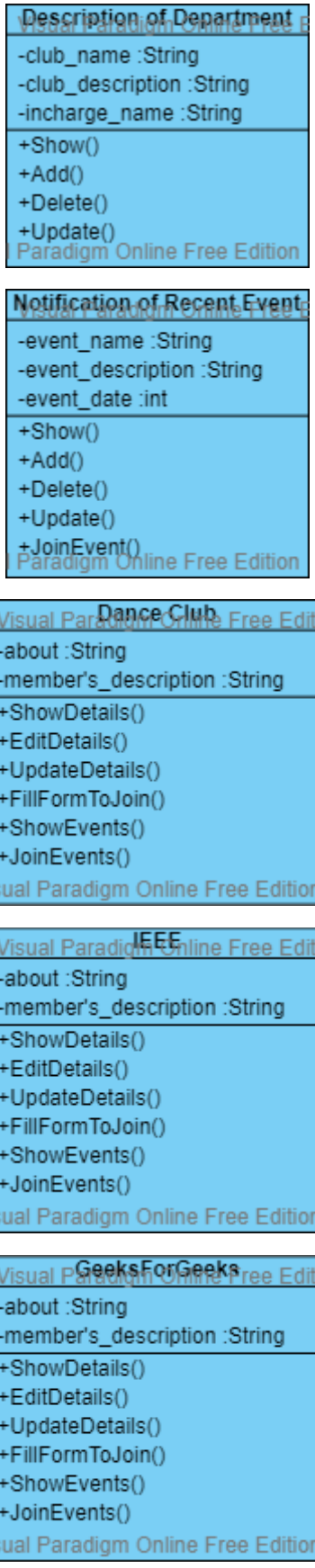


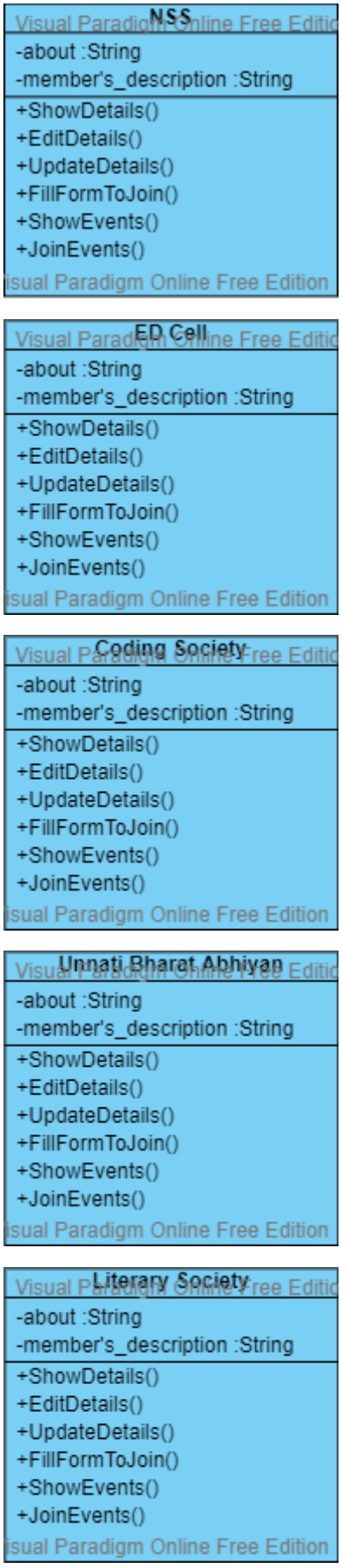
Association Diagram



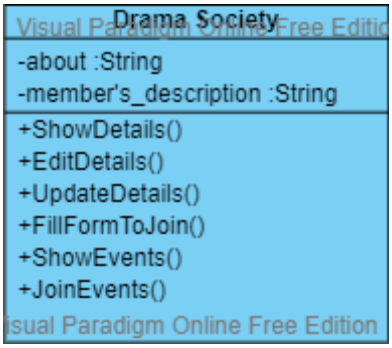
#CLUBS AND SOCIETY

Individual class diagram:-

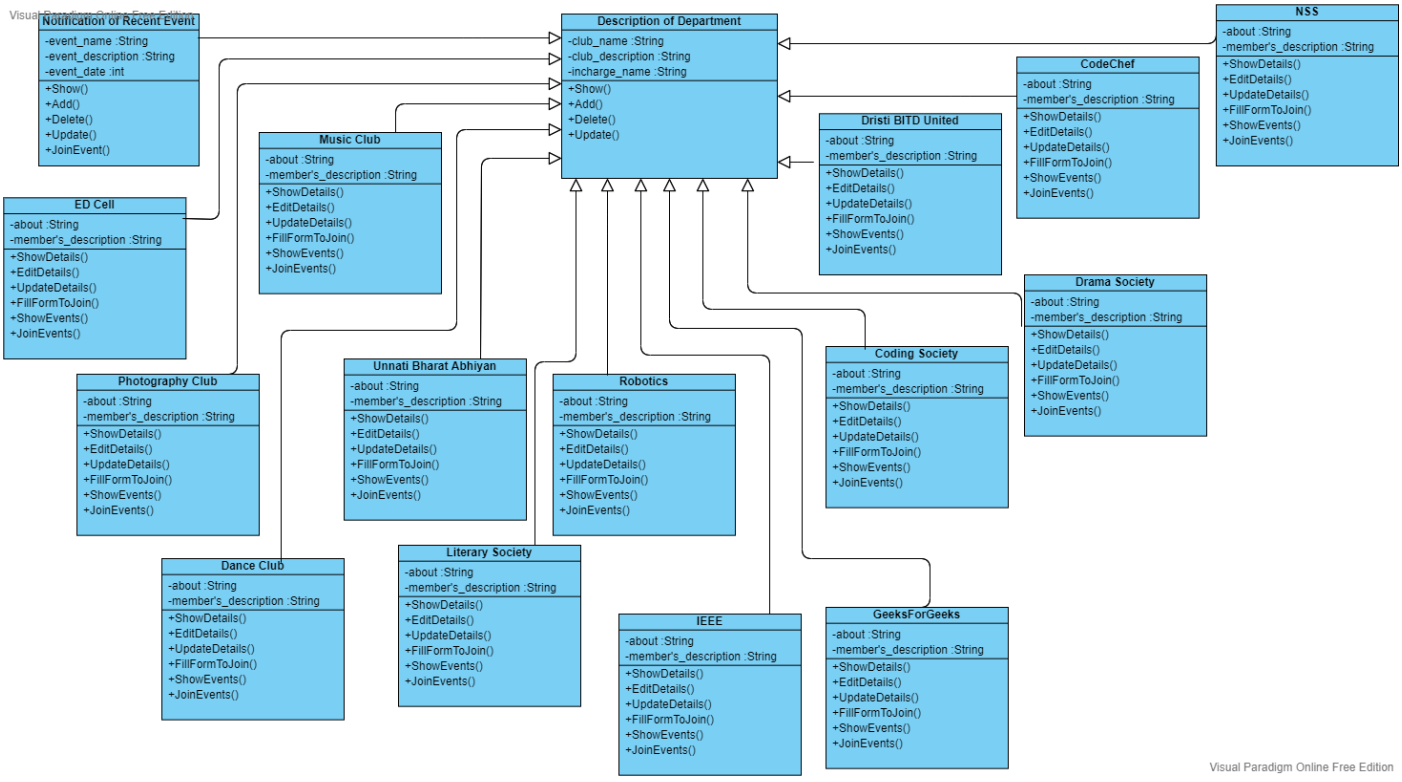

Description of Department
-club_name :String
-club_description :String
-incharge_name :String
+Show()
+Add()
+Delete()
+Update()
Notification of Recent Event
-event_name :String
-event_description :String
-event_date :int
+Show()
+Add()
+Delete()
+Update()
+JoinEvent()
Dance Club
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
IEEE
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
GeeksForGeeks
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()


NSS
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
ED Cell
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Coding Society
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Unnati Bharat Abhiyan
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Literary Society
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()

CodeChef
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Dristi BITD United
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Photography Club
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Music Club
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()
Robotics
-about :String
-member's_description :String
+ShowDetails()
+EditDetails()
+UpdateDetails()
+FillFormToJoin()
+ShowEvents()
+JoinEvents()

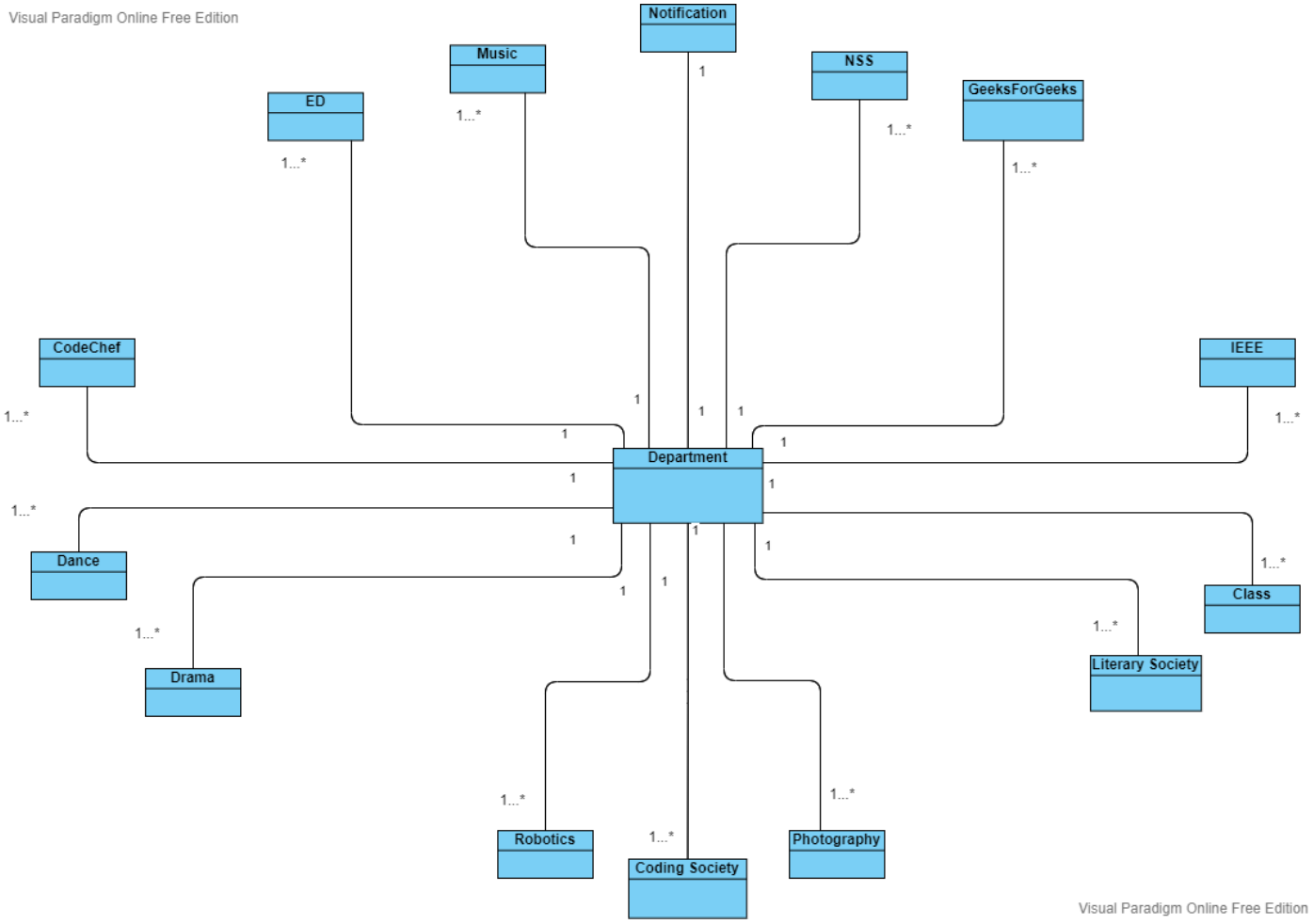


Super Class Subclass diagram



Association Diagram

Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition