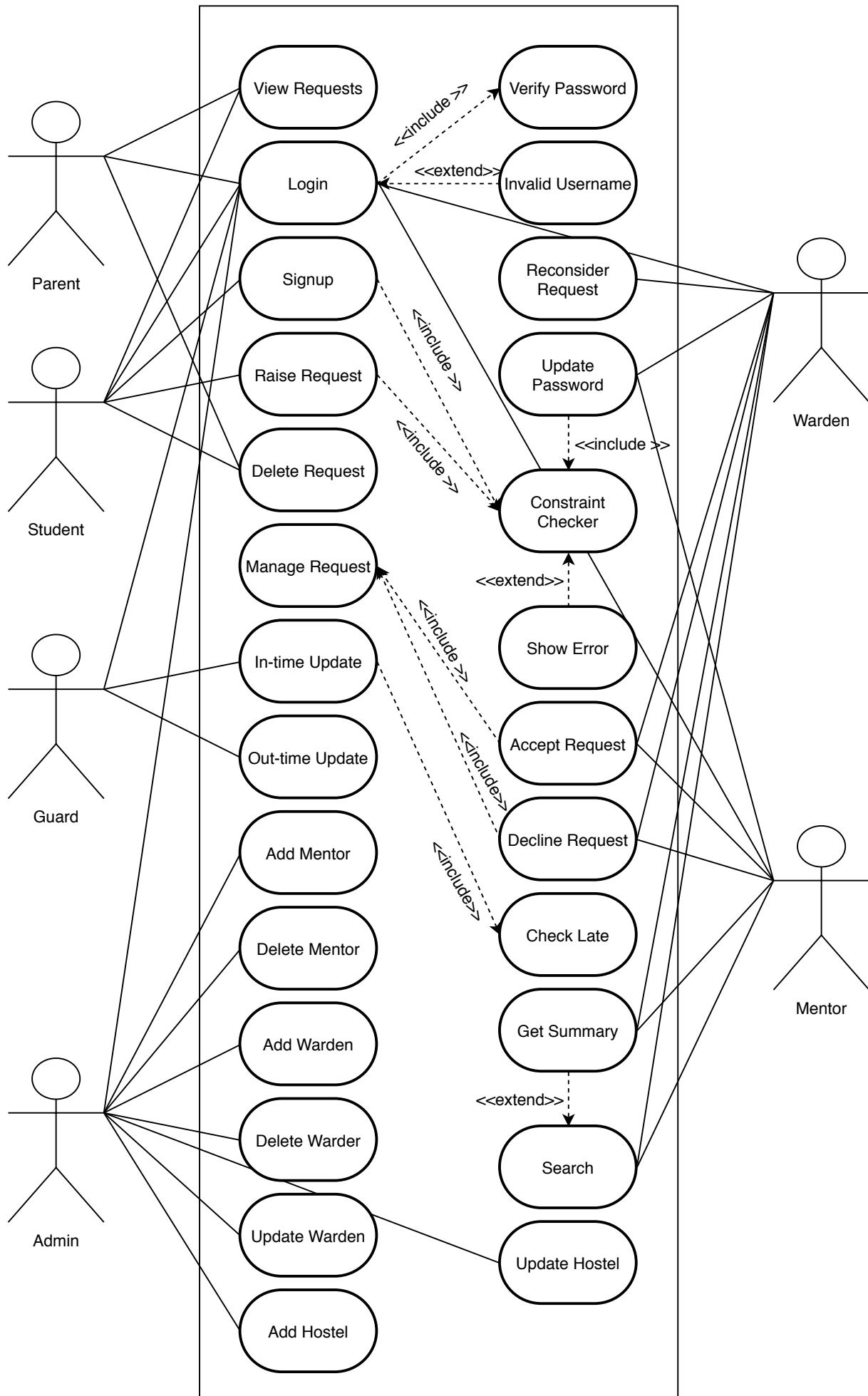
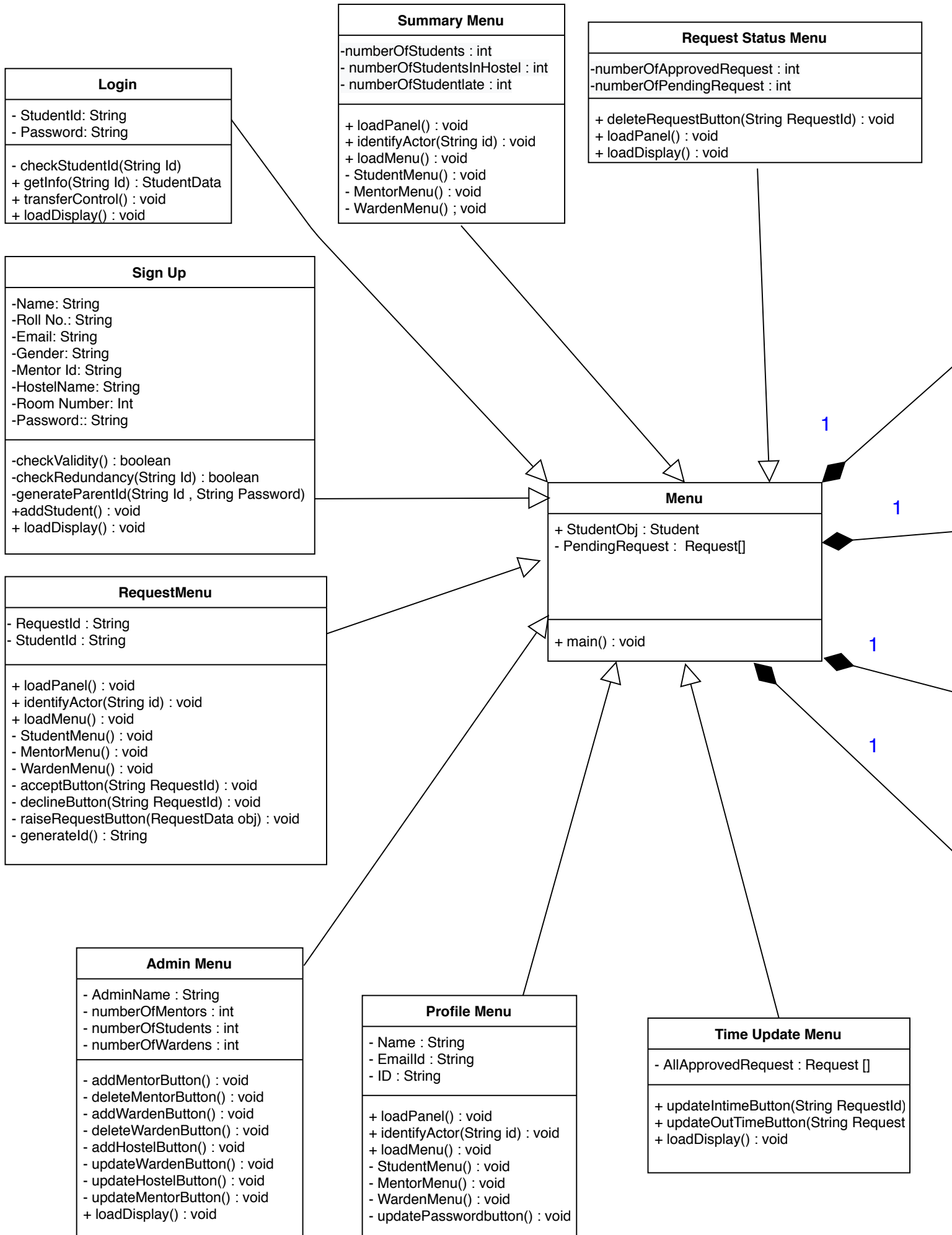
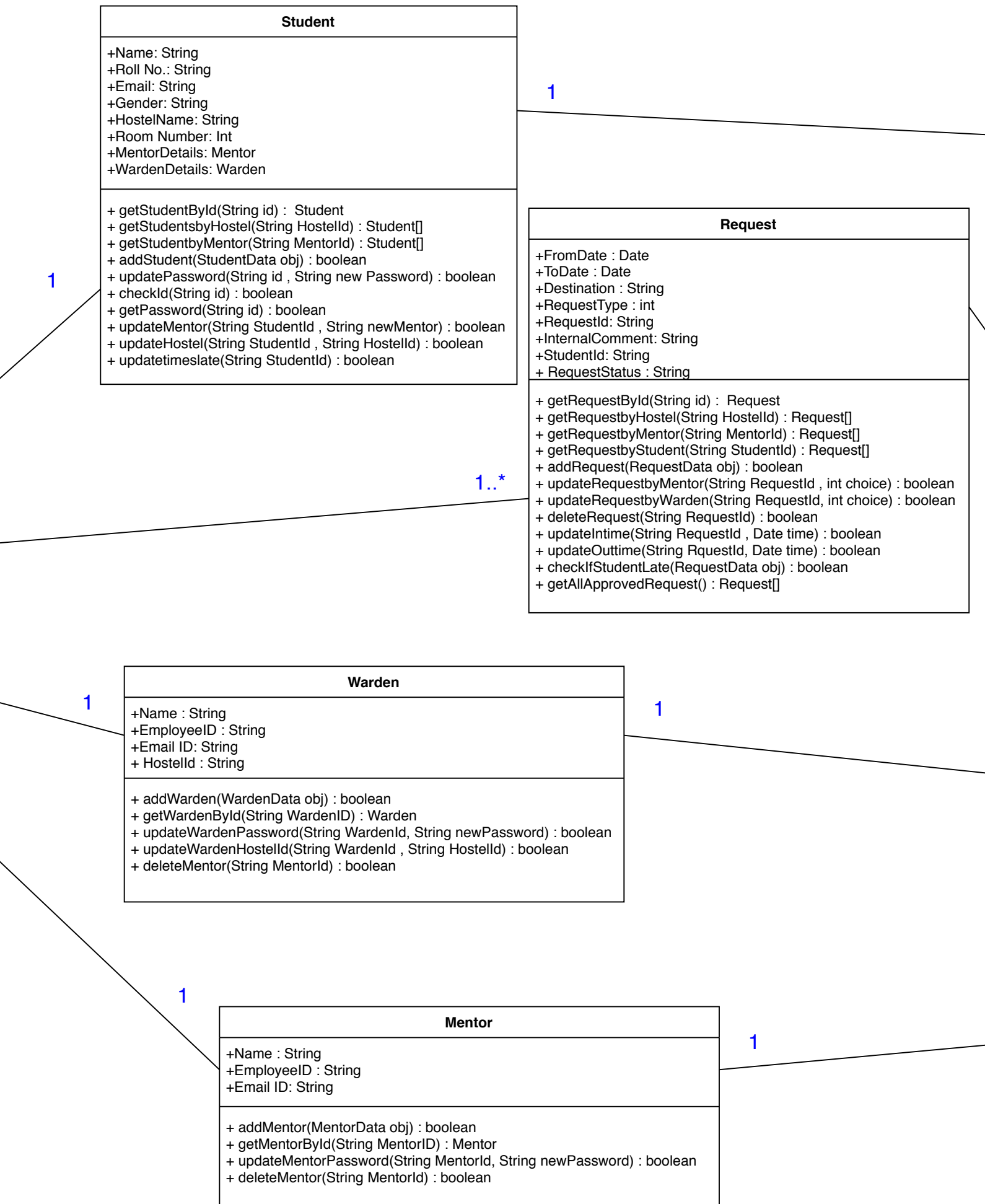


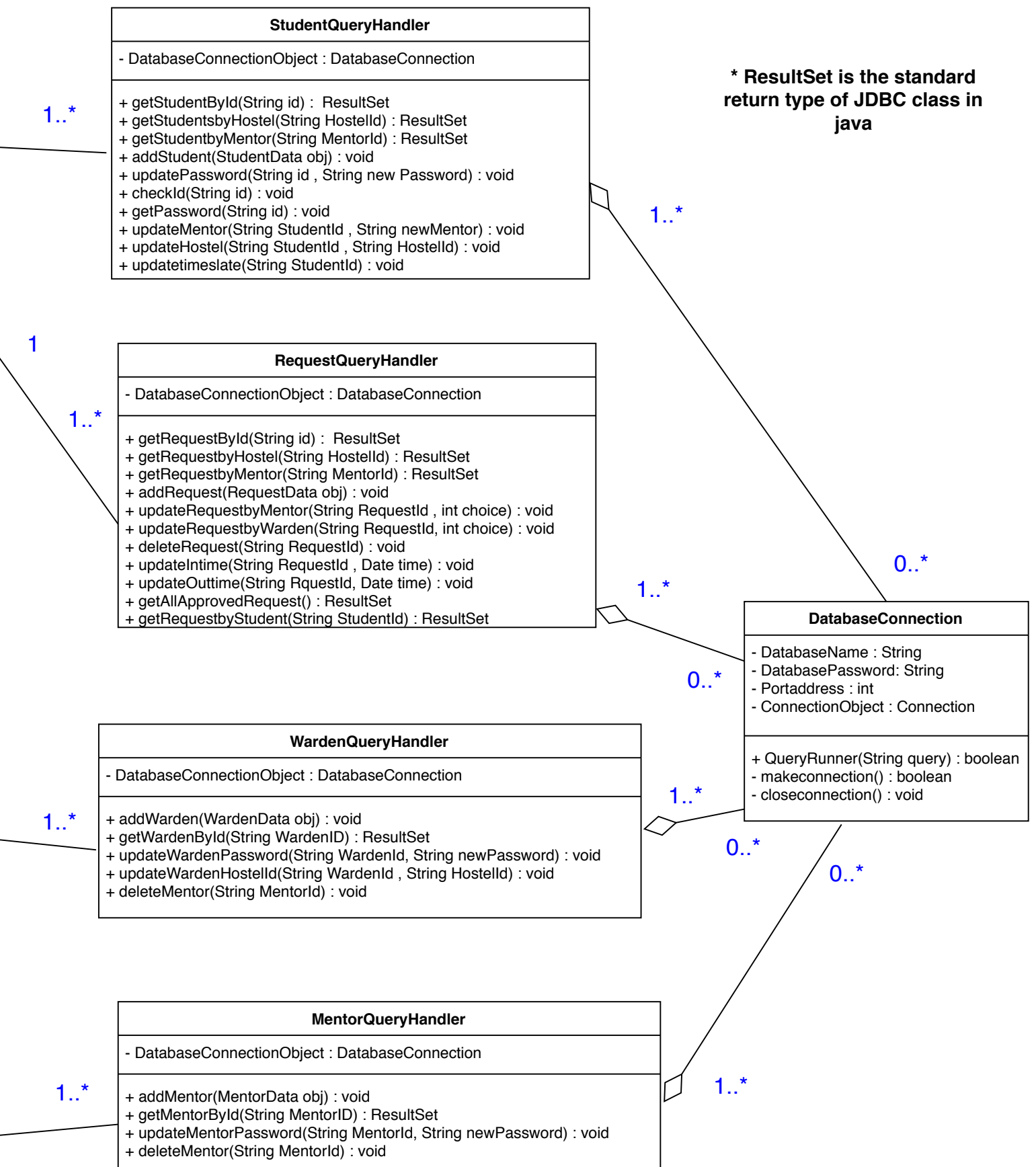
Use Case Diagram



Class Diagram







Object Diagram

<u>RM1:RequestMenu</u>
RequestId = "18BCE700024112020054555" StudentId = "18BCD7000"

<u>RSM1:RequestStatusMenu</u>
numberOfApprovedRequest = 1 numberOfPendingRequest = 1

<u>AM:AdminMenu</u>
AdminName = "Admin" numberOfMentors = 5 numberOfStudents = 20 numberOfWardens = 2

<u>PM1:ProfileMenu</u>
Name = "John" EmailId = "John@vitap.ac.in" ID = "18BCE7000"

<u>SM1:SummaryMenu</u>
numberOfStudents = 20 numberOfStudentsInHostel = 19 numberOfStudentlate = 0

<u>S1:SignUp</u>
Name = "John" Roll No. = "18BCE7000" Email = "john@vitap.ac.in" Gender = "M" Mentor Id = "EM1001" HostelName = "MH1" Room Number = 404 Password = "password"

<u>L1 : Login</u>
StudentId = "18BCE7000" Password = "password"

<u>M1:Menu</u>
<pre>StudentObj = { 'Name' : 'John' , 'Roll No.' : '18BCE7000', 'Email' : 'john@vitap.ac.in', 'Gender' : 'M' , 'HostelName' : 'MH1' , 'Room Number' : '404' , 'MentorDetails' = { 'Name' : 'Scott' , 'EmployeeID' : 'EM1001' , 'Email ID' : 'scott@vitap.ac.in'}, 'WardenDetails' = {'Name' : 'Mark' , 'EmployeeID' = 'EHW1001' , 'Email ID' = 'mark@vitap.ac.in' , 'HostelId' : 'MH1'}} PendingRequest : { { 'FromDate' : 28/11/2020 , 'ToDate' : 28/11/2020, 'Destination' : 'Vijayawada' , 'RequestType' : 1 , 'RequestId' : "18BCE700028112020134755", 'InternalComment' : "Outing this week not allowed " , 'StudentId' : '18BCD7000' , 'RequestStatus' : "Pending" }}</pre>

<u>TM1:TimeUpdateMenu</u>
<pre>AllApprovedRequest = { { 'FromDate' : 24/11/2020 , 'ToDate' : 28/11/2020, 'Destination' : 'Chennai' , 'RequestType' : 2 , 'RequestId' : "18BCE700024112020124755", 'InternalComment' : "" , 'StudentId' : '18BCD7000' , 'RequestStatus' : "Approved" }}</pre>

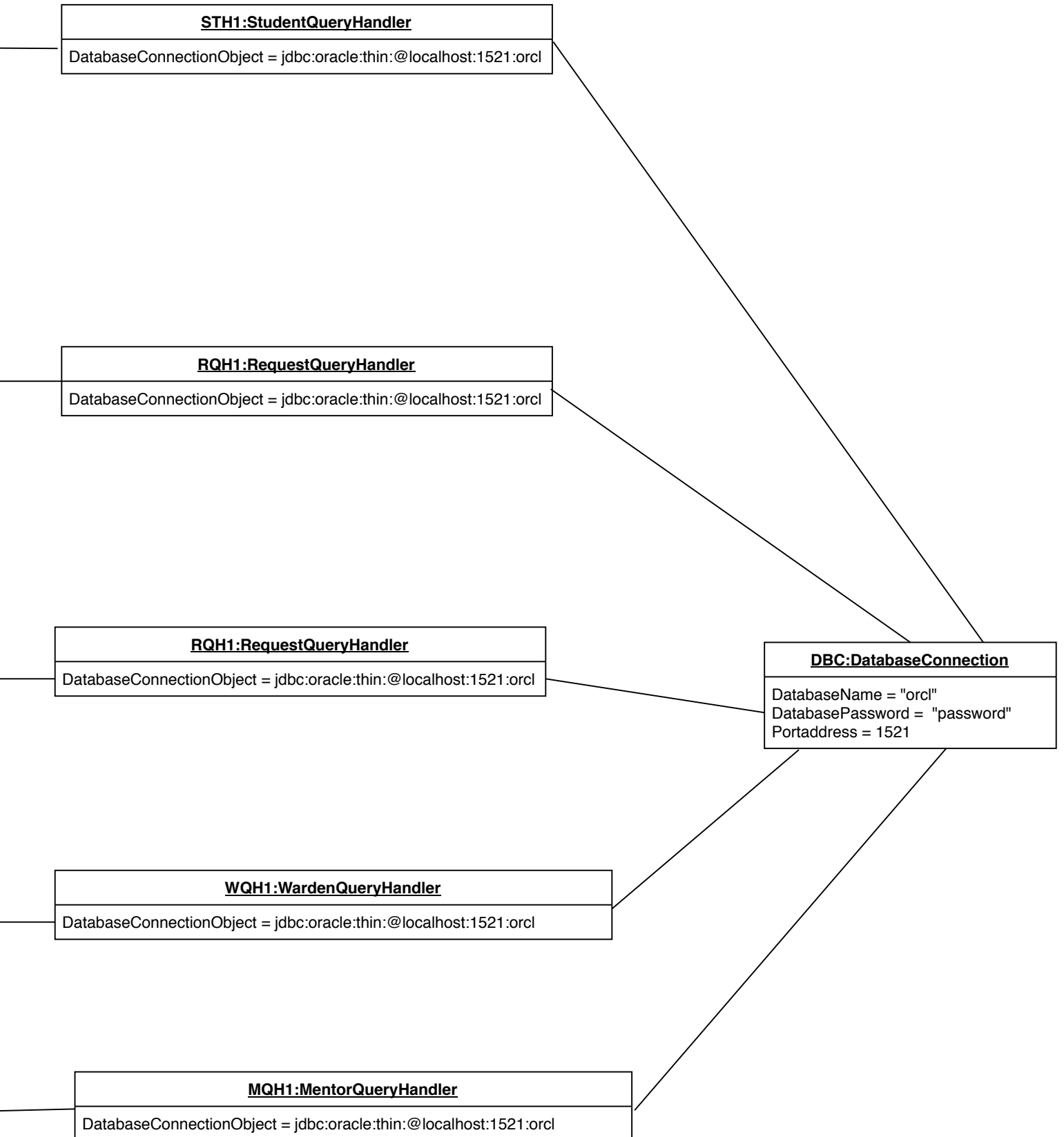
<u>S1:Student</u>
Name = "John" Roll No. = "18BCE7000" Email: = "john@vitap.ac.in" Gender = "M" HostelName = "MH1" Room Number = 404 MentorDetails = { 'Name': 'Scott' , 'EmployeeID': 'EM1001' , 'Email ID': 'scott@vitap.ac.in'} WardenDetails = { 'Name': 'Mark' , 'EmployeeID': 'EHW1001' , 'Email ID': 'mark@vitap.ac.in' , 'HostelId': 'MH1'}

<u>R1:Request</u>
FromDate = 24/11/2020 ToDate = 28/11/2020 Destination = "Chennai" RequestType = 2 RequestId = "18BCE700024112020124755" InternalComment = "" StudentId = "18BCD7000" RequestStatus = "Approved"

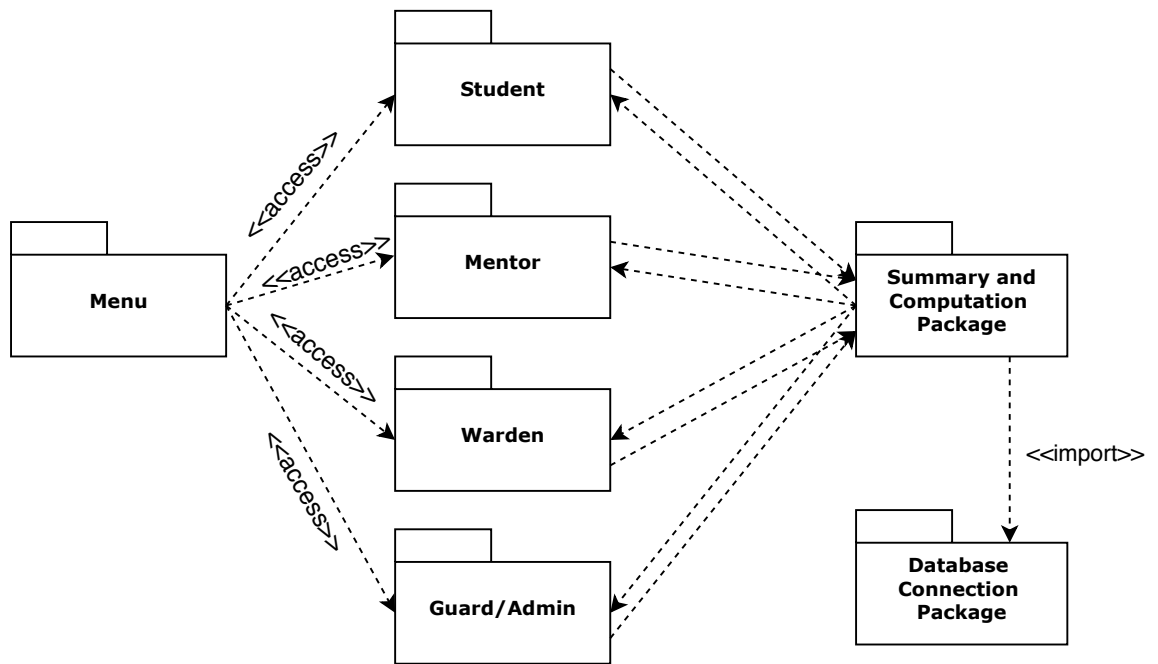
<u>R2:Request</u>
FromDate = 28/11/2020 ToDate = 28/11/2020 Destination = "Vijayawada" RequestType = 1 RequestId = "18BCE700028112020134755" InternalComment = "Outing this week not allowed" StudentId = "18BCD7000" RequestStatus = "Pending"

<u>EHW1:Warden</u>
Name = "Mark" EmployeeID = "EHW1001" Email ID = "mark@vitap.ac.in" HostelId = "MH1"

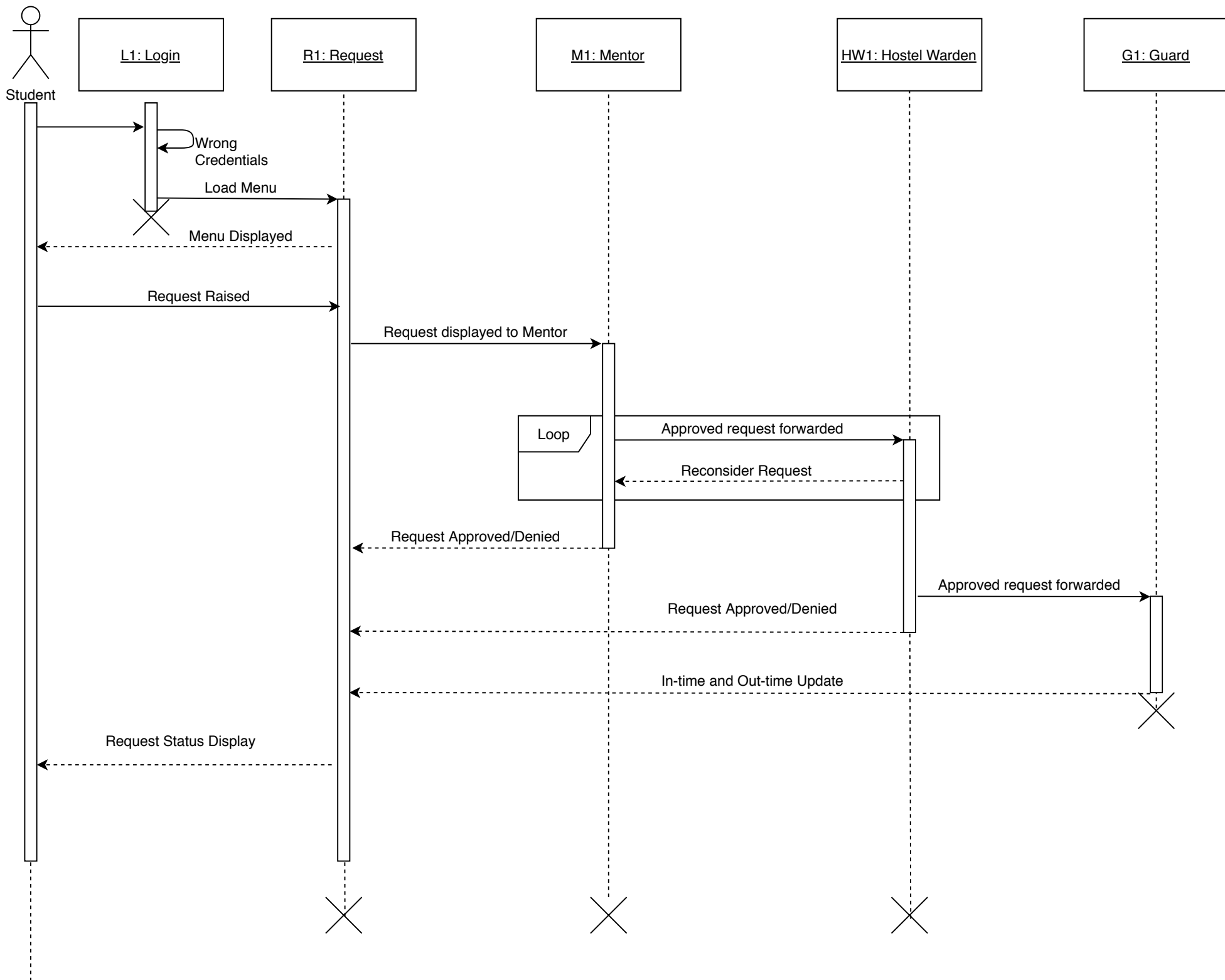
<u>EM1:Mentor</u>
Name = "Scott" EmployeeID = "EM1001" Email ID = "scott@vitap.ac.in"



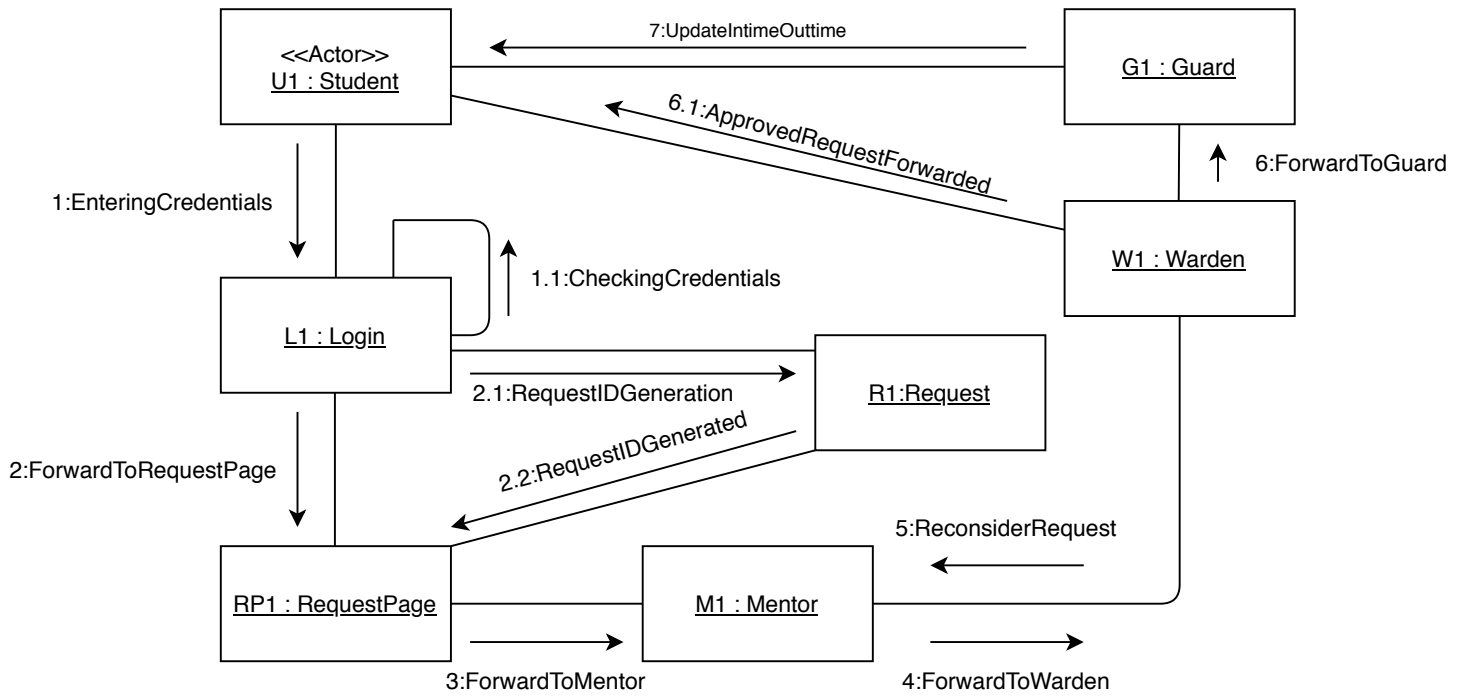
Package Diagram



Sequence Diagram



Collaboration Diagram



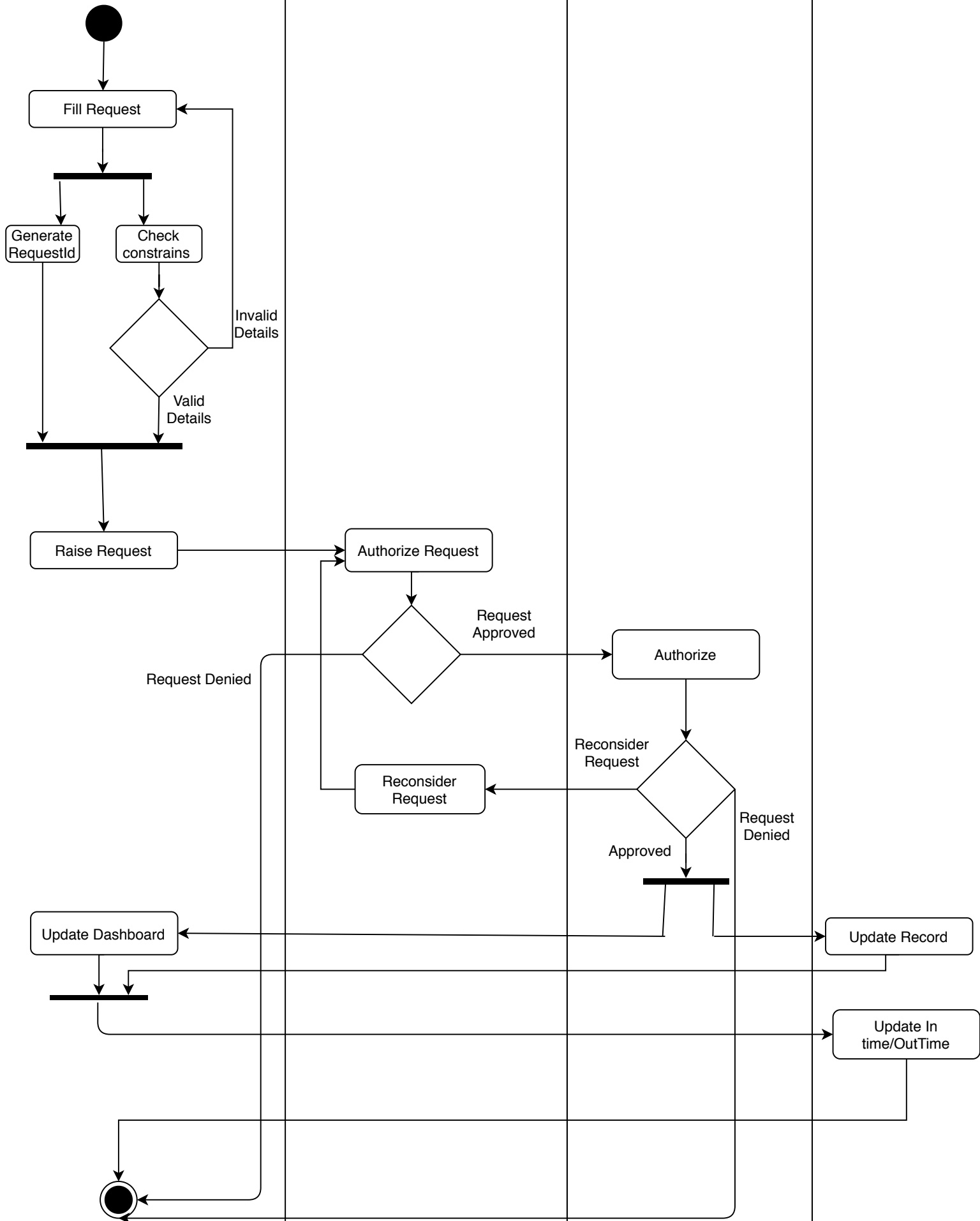
Activity Diagram

Student

Mentor

Warden

Guard



State Diagram

