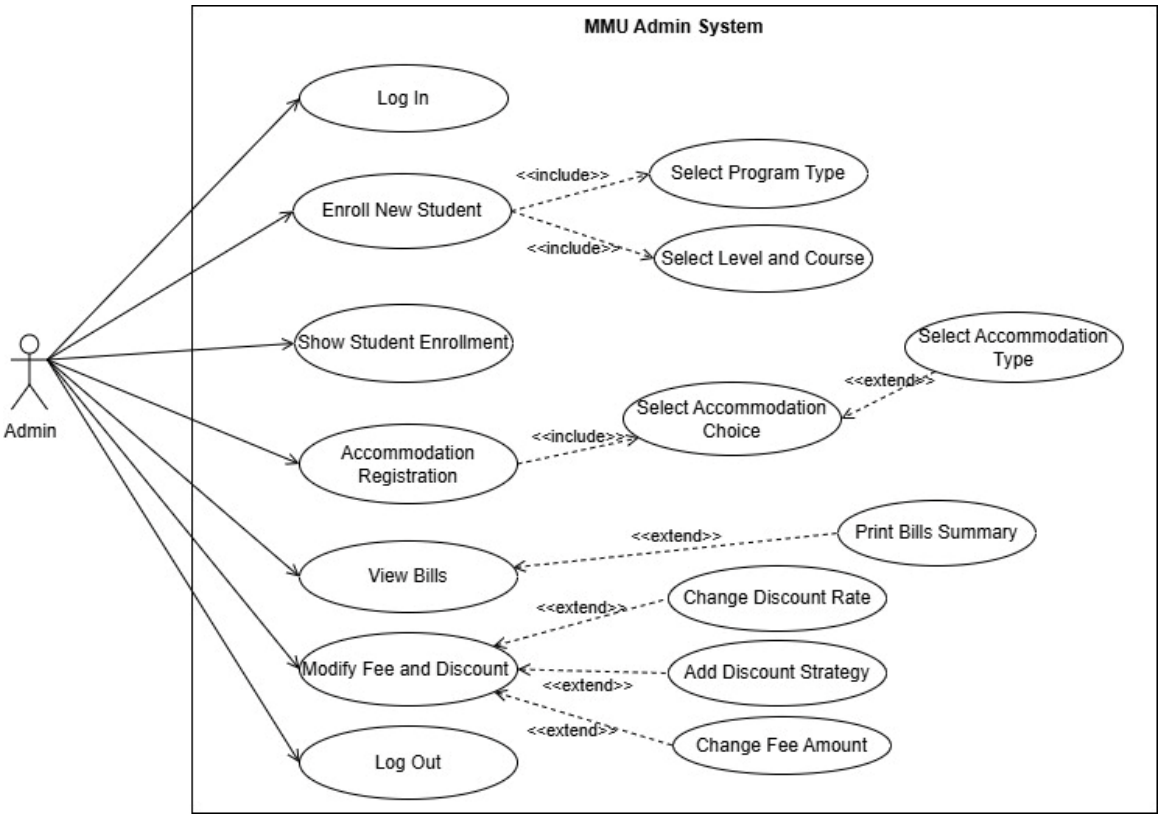
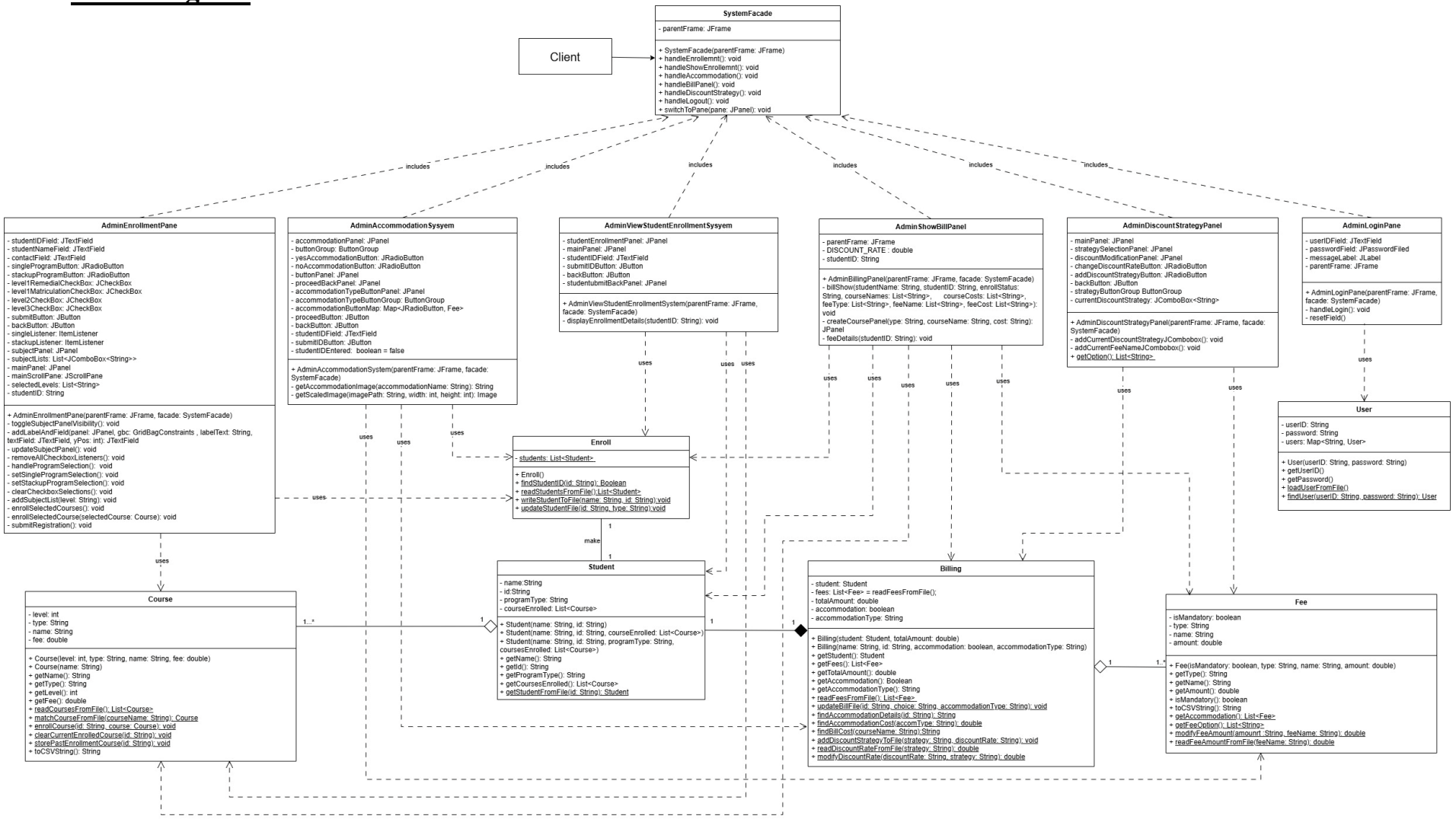
Use Case

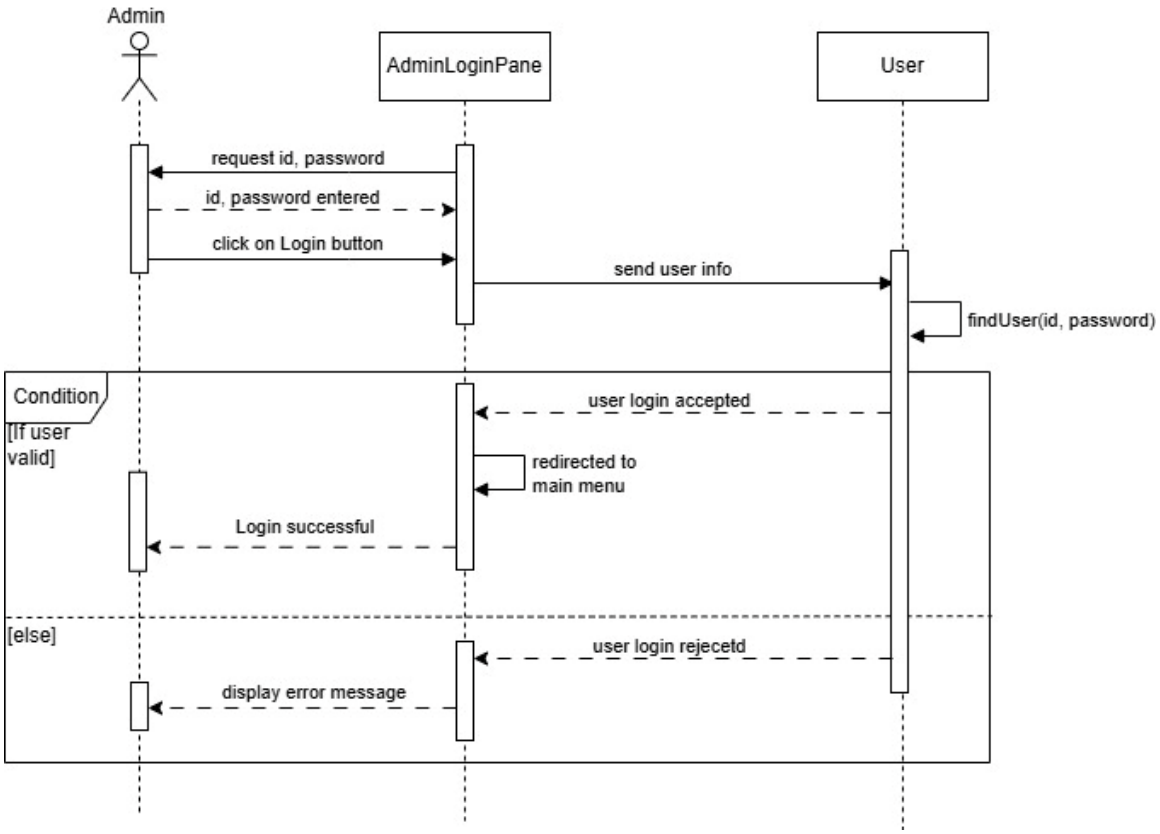

MMU Admin System
Admin
Log In
Enroll New Student
Select Program Type
Select Level and Course
<<include>>
<<include>>
Show Student Enrollment
Accommodation Registration
Select Accommodation Choice
Select Accommodation Type
<<include>>
<<extend>>
View Bills
Print Bills Summary
<<extend>>
Modify Fee and Discount
Change Discount Rate
Add Discount Strategy
Change Fee Amount
<<extend>>
<<extend>>
<<extend>>
Log Out

Class Diagram

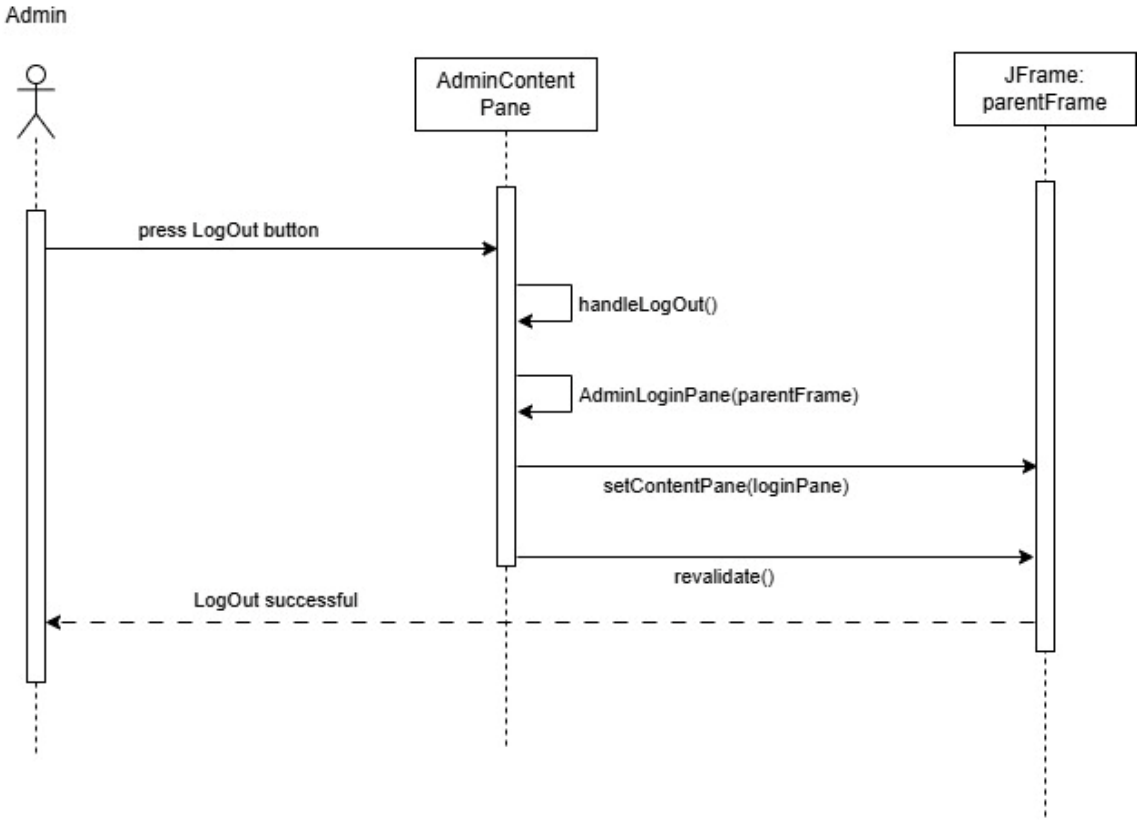


Sequence Diagram

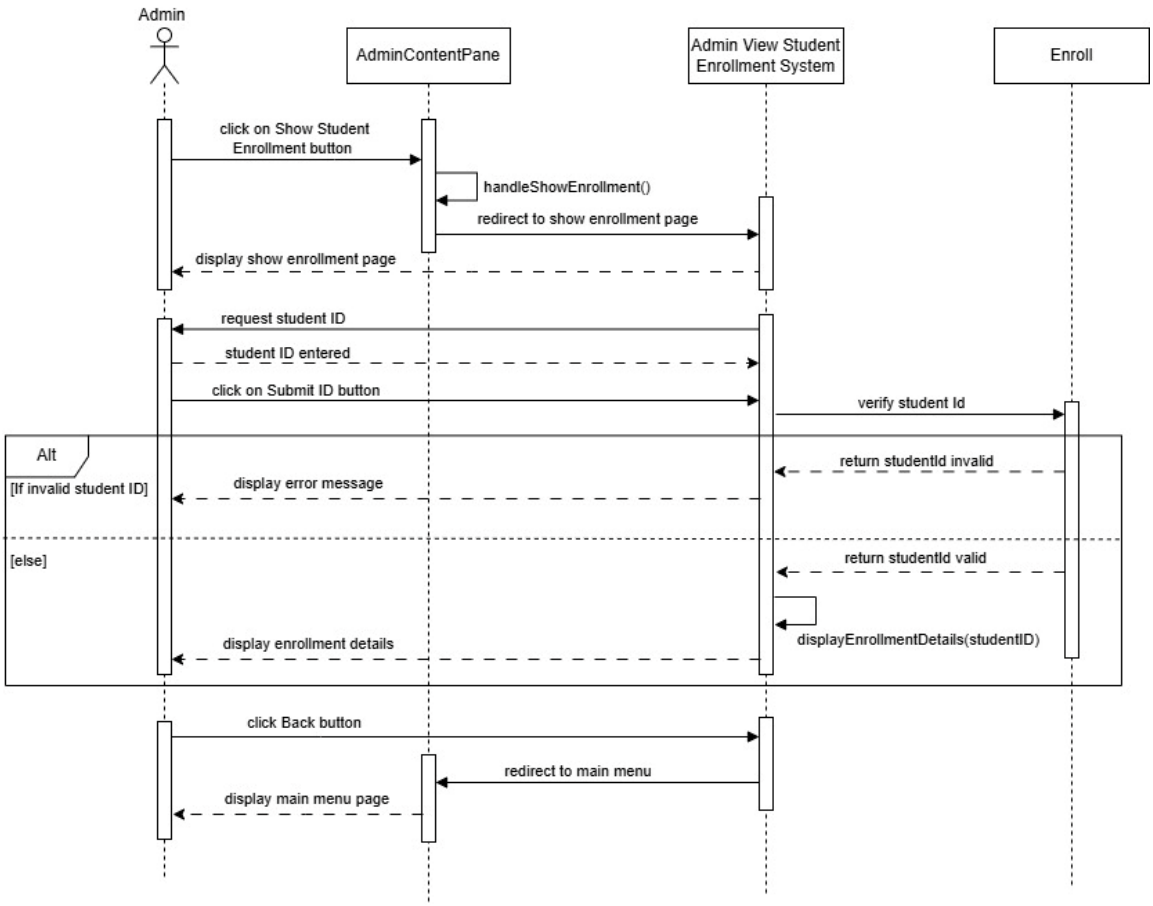
Log In



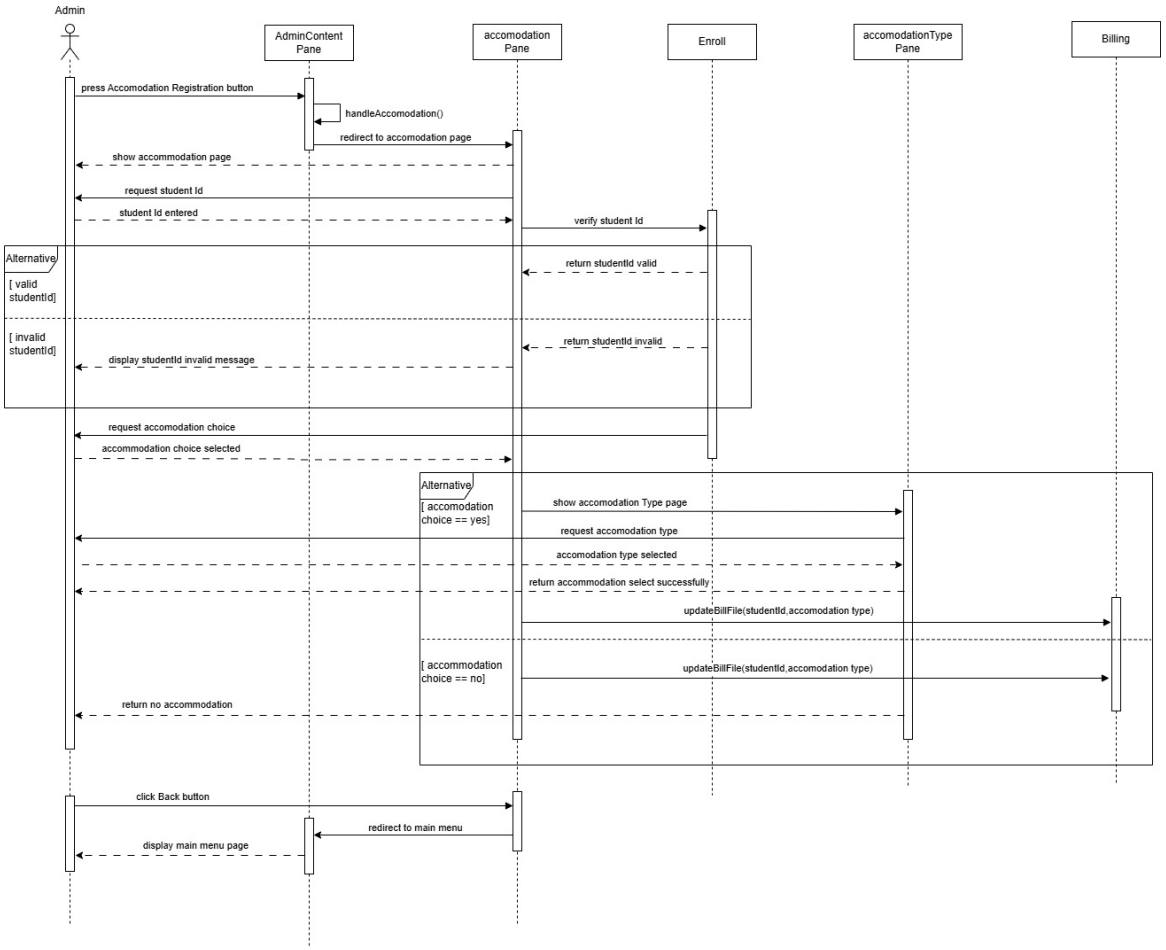
Log Out


Admin
AdminContent Pane
JFrame: parentFrame
press LogOut button
handleLogOut()
AdminLoginPane(parentFrame)
setContentPane(loginPane)
revalidate()
LogOut successful

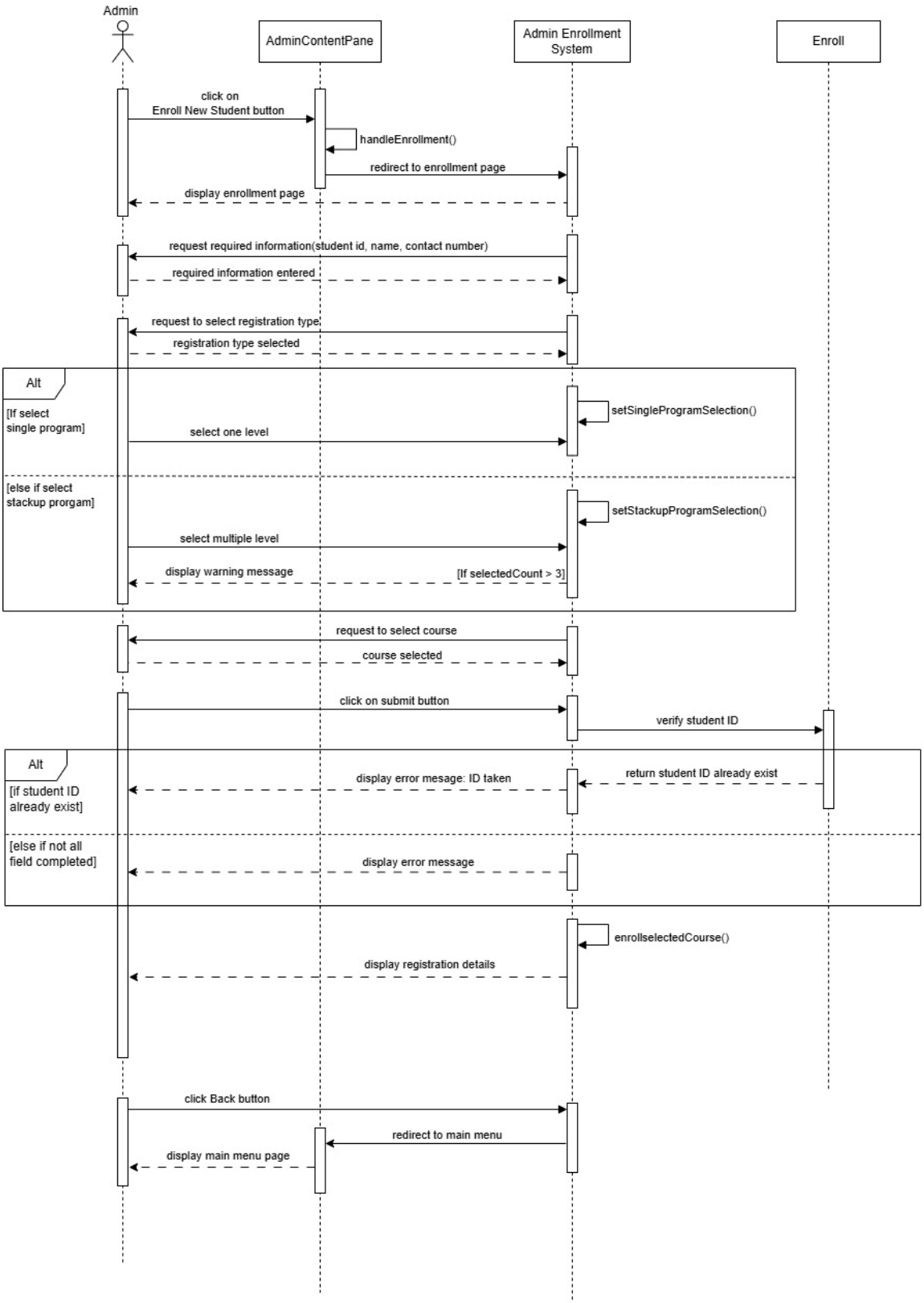
Show Student Enrollment



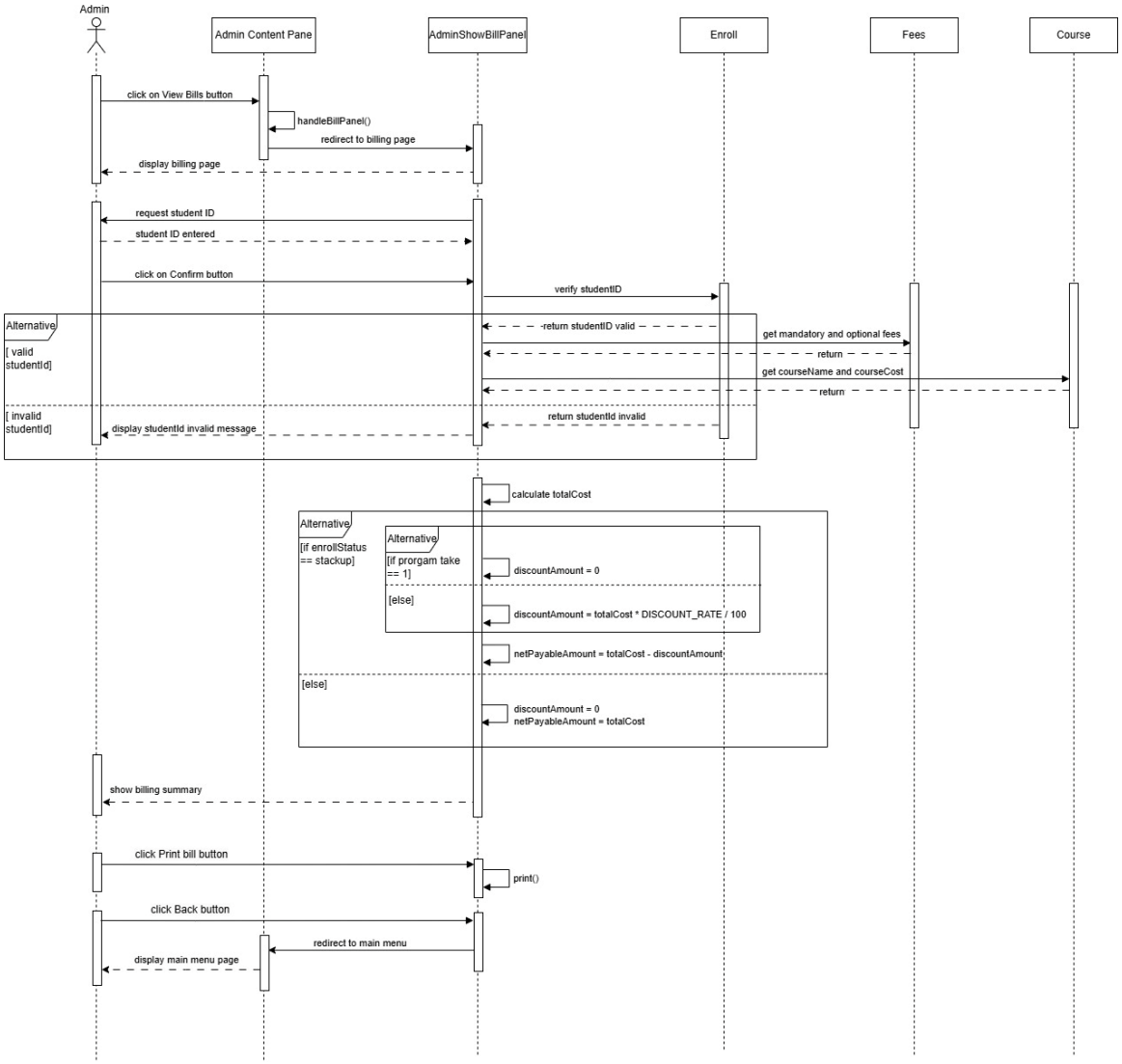
Accommodation Registration



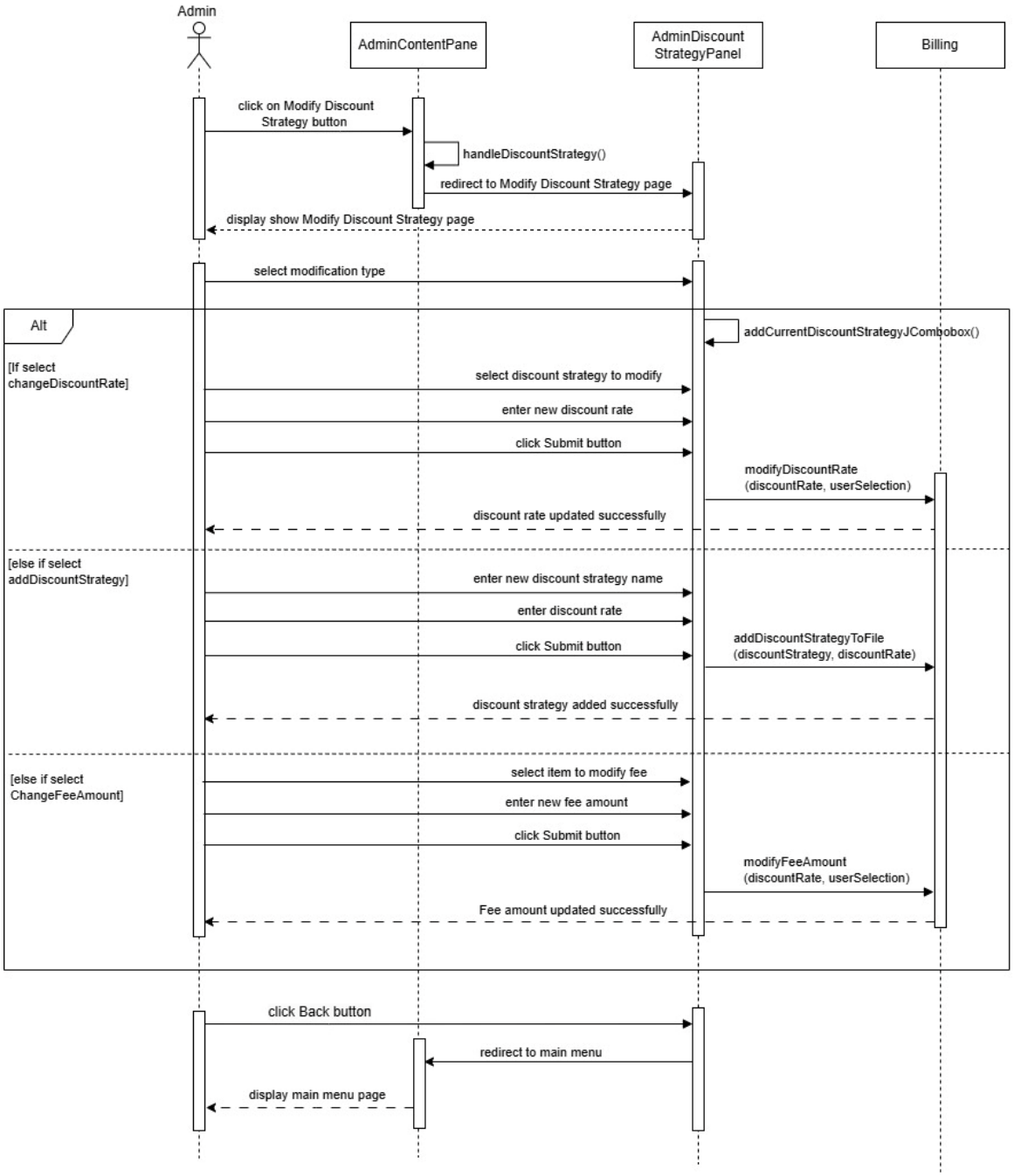
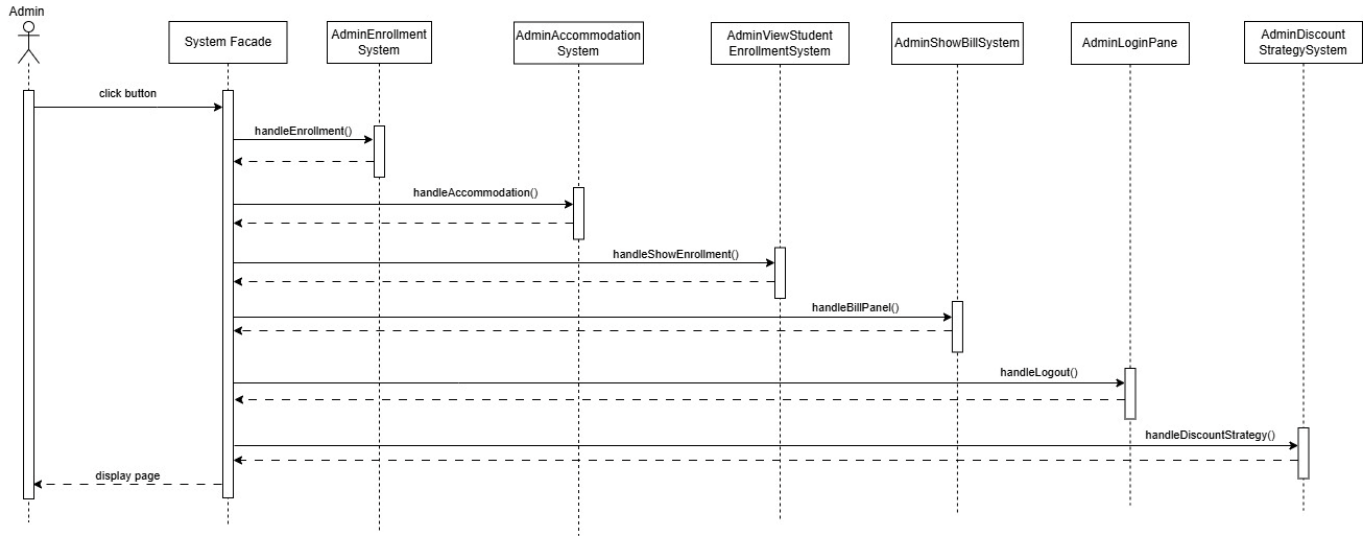
Enroll New Student



View Bills


Admin
Admin Content Pane
AdminShowBillPanel
Enroll
Fees
Course
click on View Bills button
handleBillPanel()
redirect to billing page
display billing page
request student ID
student ID entered
click on Confirm button
verify studentID
Alternative
[valid studentId]
return studentID valid
get mandatory and optional fees
return
get courseName and courseCost
return
[invalid studentId]
return studentId invalid
display studentId invalid message
calculate totalCost
Alternative
[if enrollStatus == stackup]
Alternative
[if prorgam take == 1]
discountAmount = 0
[else]
discountAmount = totalCost * DISCOUNT_RATE / 100
netPayableAmount = totalCost - discountAmount
[else]
discountAmount = 0
netPayableAmount = totalCost
show billing summary
click Print bill button
print()
click Back button
redirect to main menu
display main menu page

Modify Fee & Discount



Façade: Admin Content Pane