Activity Diagram and Sequence Diagram

for

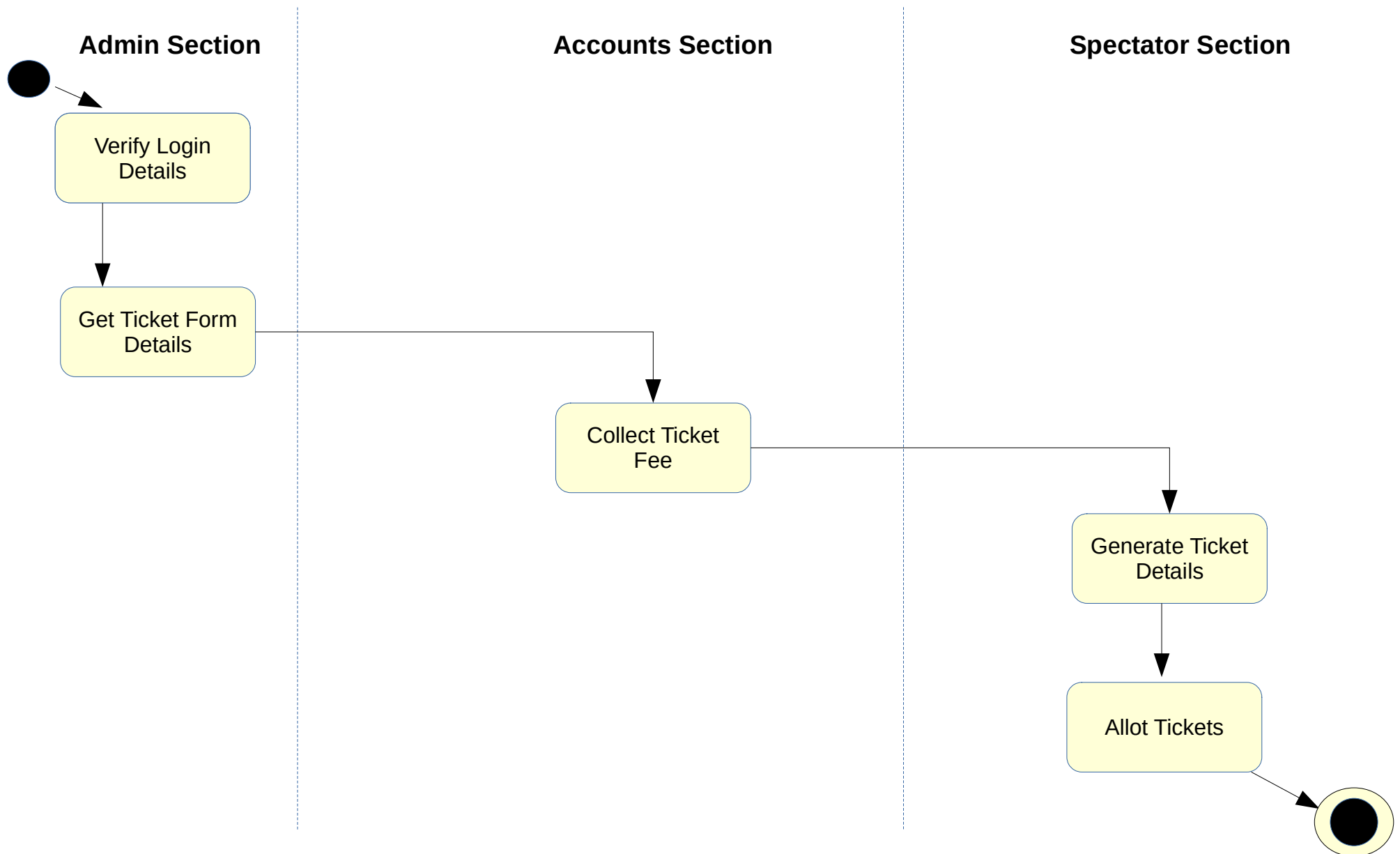## Students' Auditorium Management Software

Prepared by
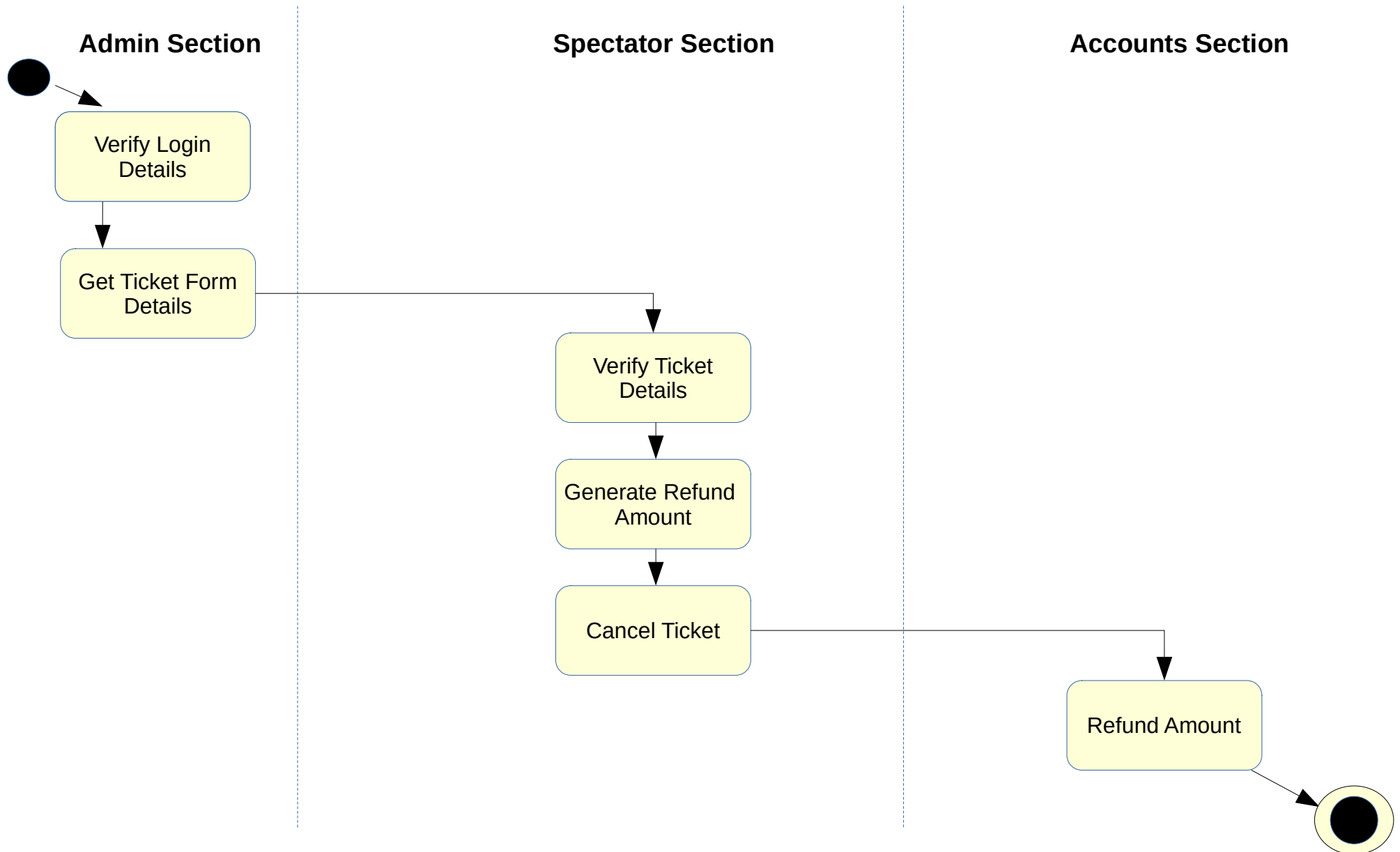
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Activity Diagram For Ticket Booking Procedure

Admin Section

Accounts Section

Spectator Section

Verify Login Details

Get Ticket Form Details

Collect Ticket Fee

Generate Ticket Details

Allot Tickets

Activity Diagram For Ticket Cancellation Procedure

Admin Section

Spectator Section

Accounts Section

Verify Login Details

Get Ticket Form Details

Verify Ticket Details

Generate Refund Amount

Cancel Ticket

Refund Amount

Activity Diagram For Spectator Registration Procedure

Admin Section

Spectator Section

Get User Details

Verify email

Allot User Id

Confirmation Mail
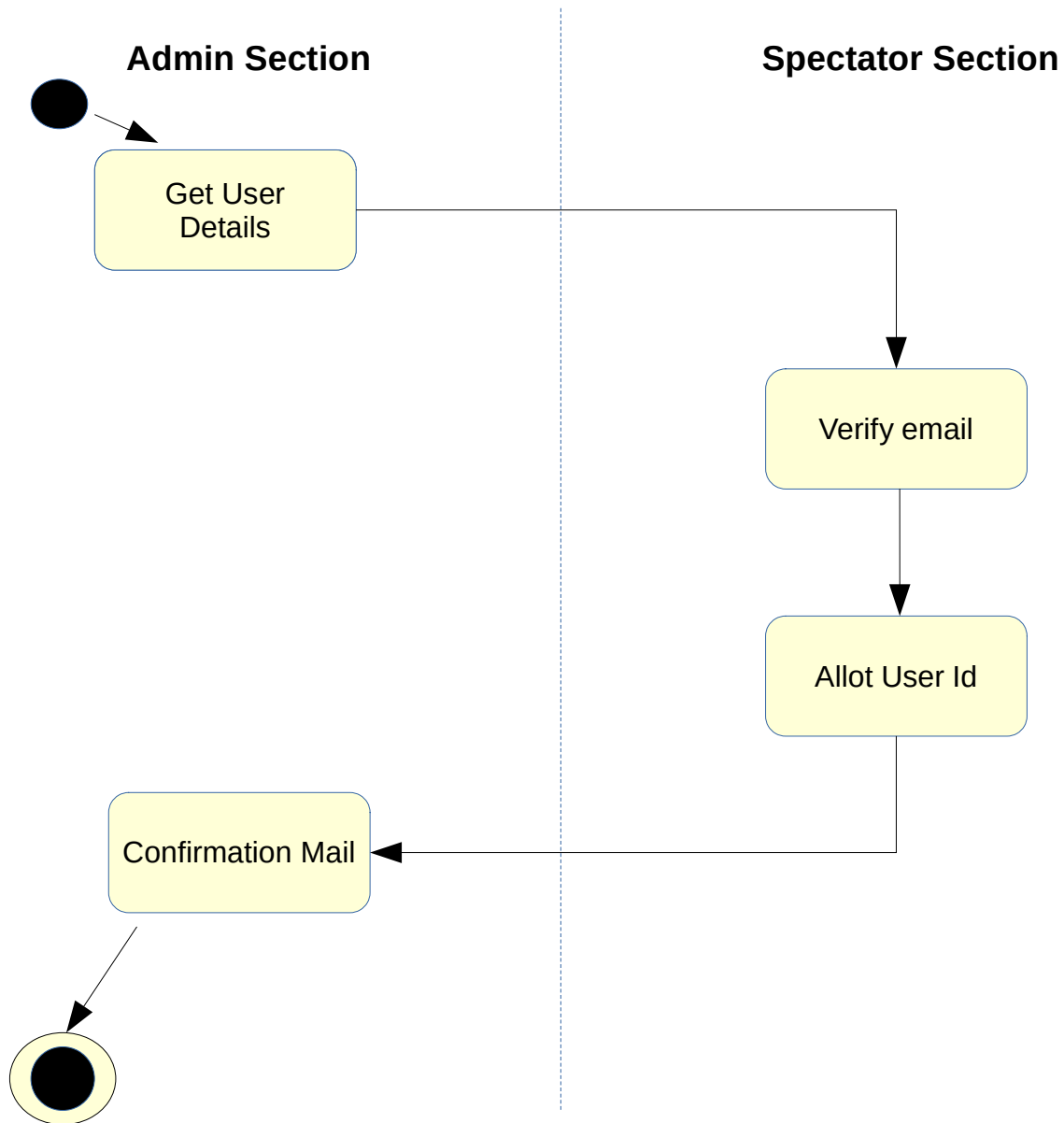
Sequence Diagram for Book Ticket Method

:Spectator Login	:Admin Verify Login	:Spectator Book Ticket	:Accounts Pay Fee	:Spectator Print Ticket

getDetails →

submitDetails →

verifyDetails →

← [invalid details] message

generateTicket →

← [payment failed] message

Confirm ←
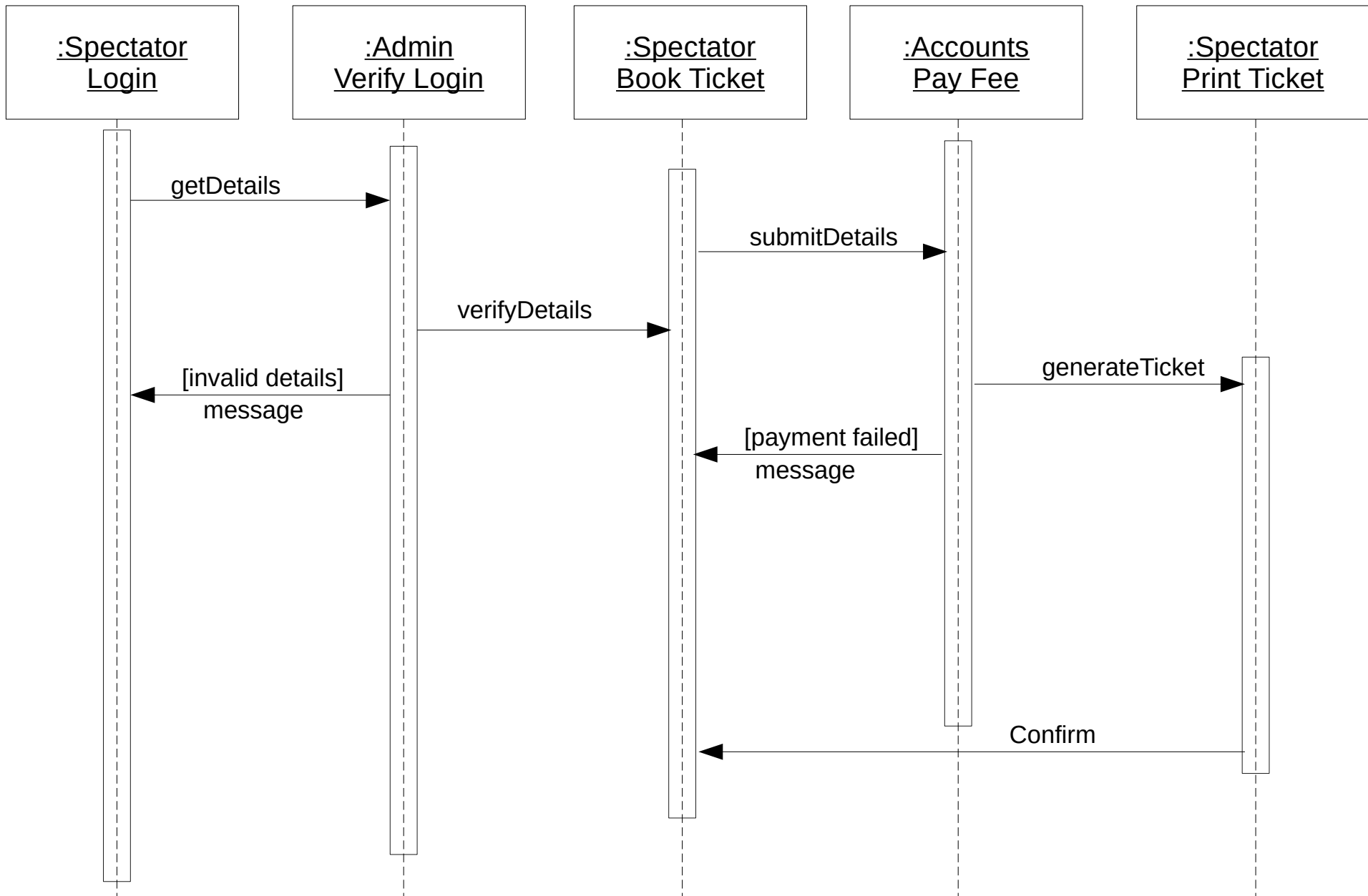
Sequence Diagram for Cancel Ticket Method

:Spectator Login	:Admin Verify Login	:Spectator Cancel Ticket	:Spectator Cancel Ticket	:Accounts Refund

getDetails →

submitDetails →

verifyDetails →

sendDetails →

← [invalid details] message

← Confirm

← performRefund Confirm