Activity Diagram and Sequence Diagram

for

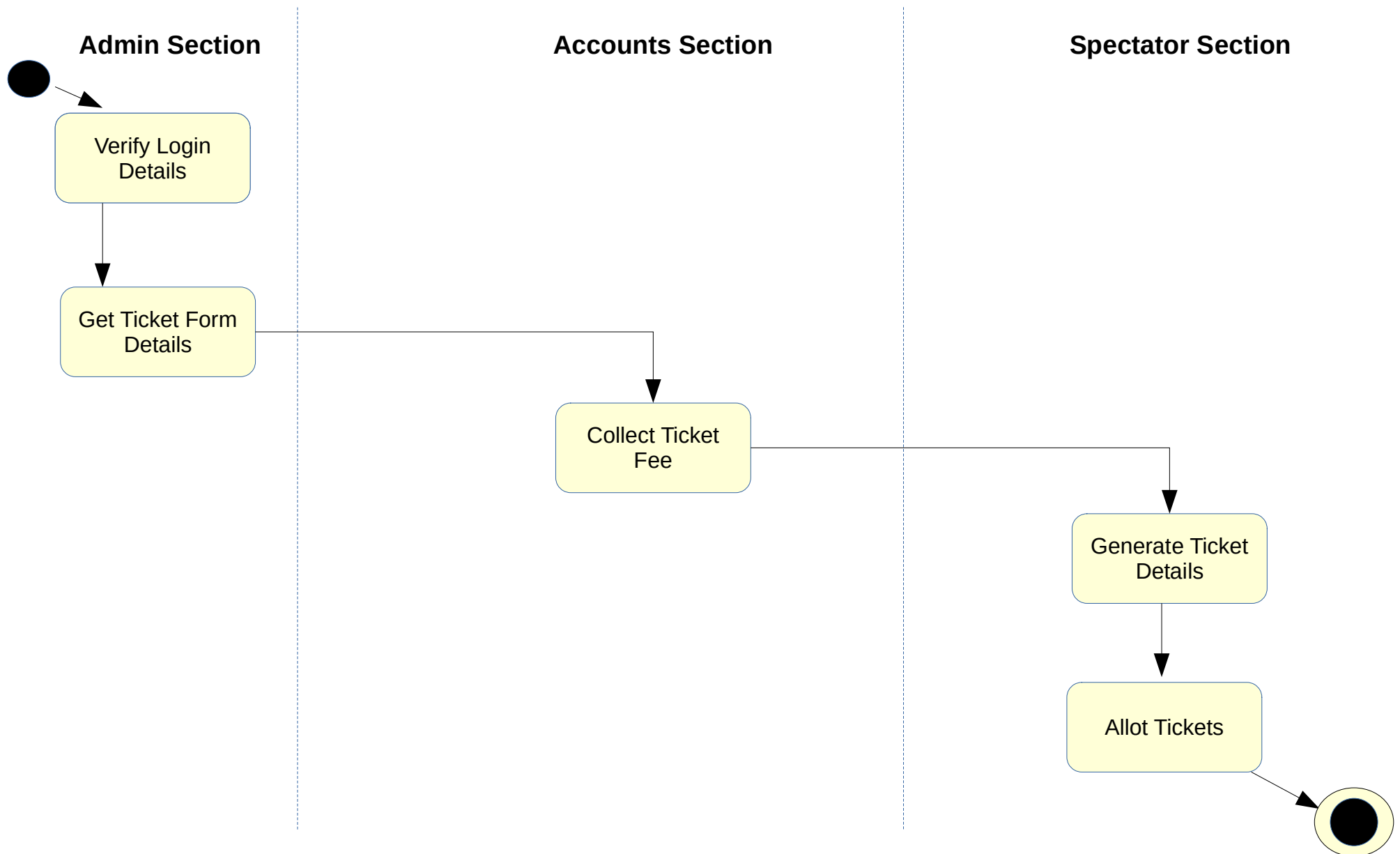## Students' Auditorium Management Software

Prepared by

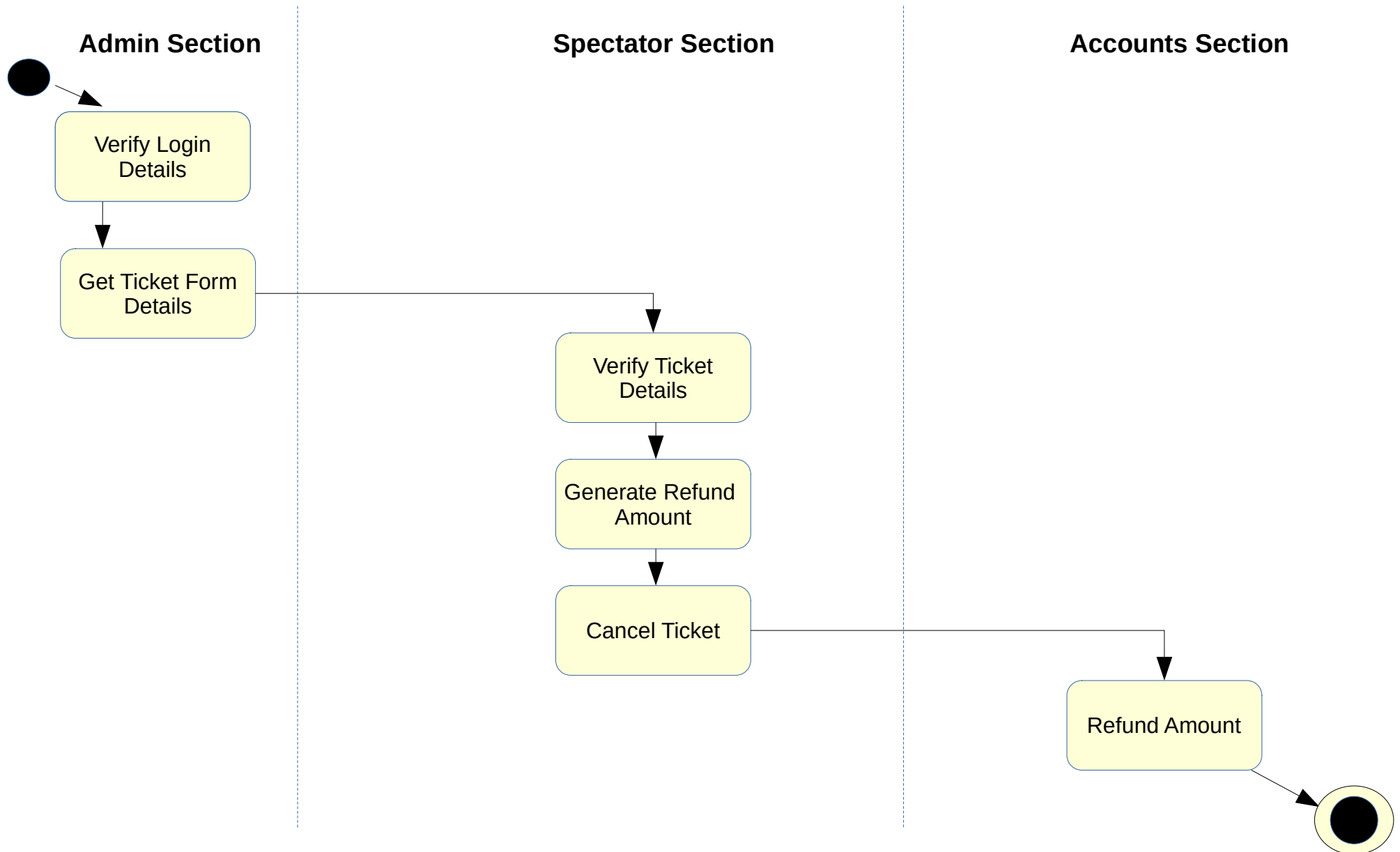Pranavkant Nigam

(221CS1273)

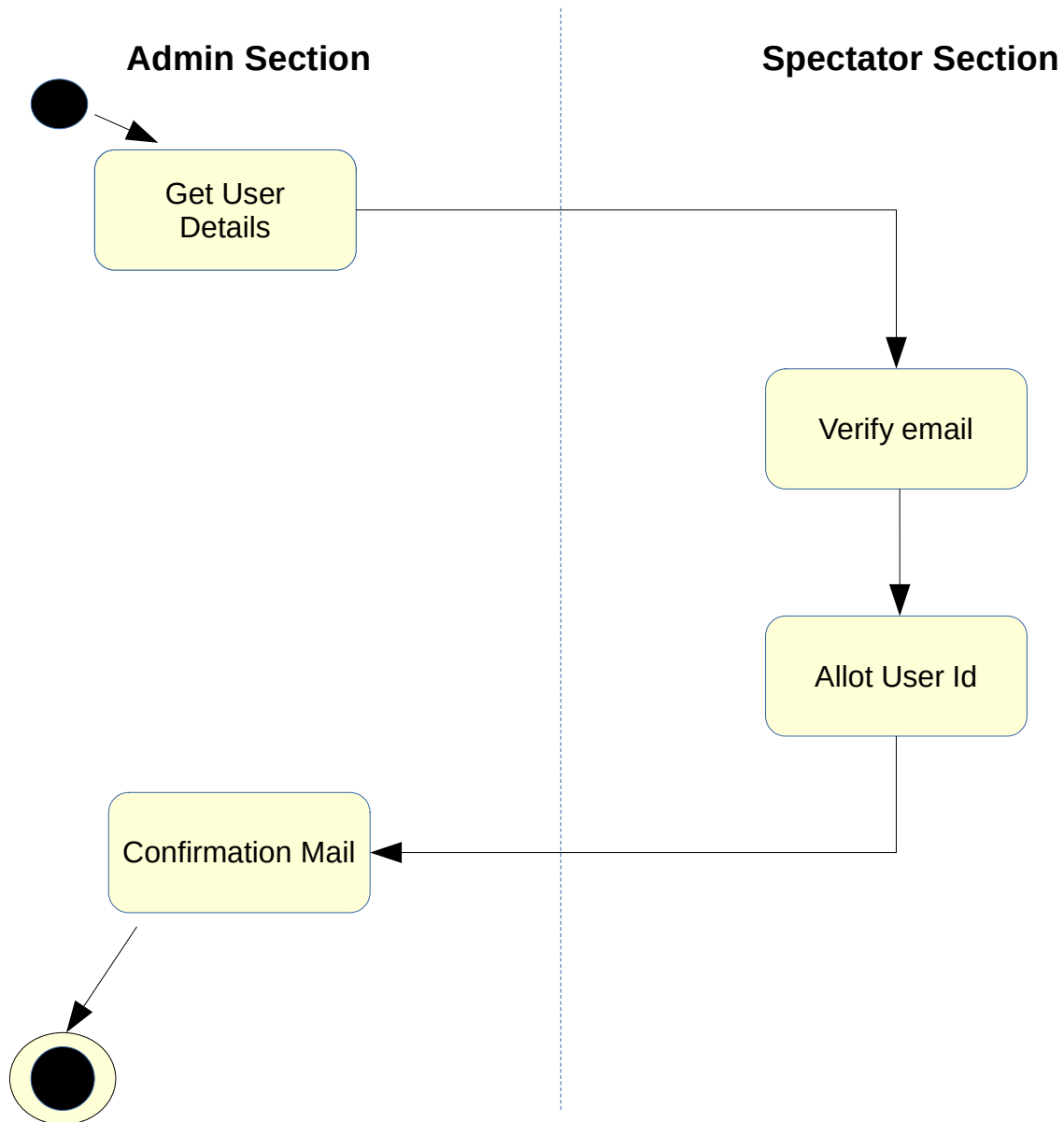National Institute of Technology, Rourkela

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

Admin Section

Verify Login Details

Get Ticket Form Details

Spectator Section

Verify Ticket Details

Generate Refund Amount

Cancel Ticket

Accounts Section

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
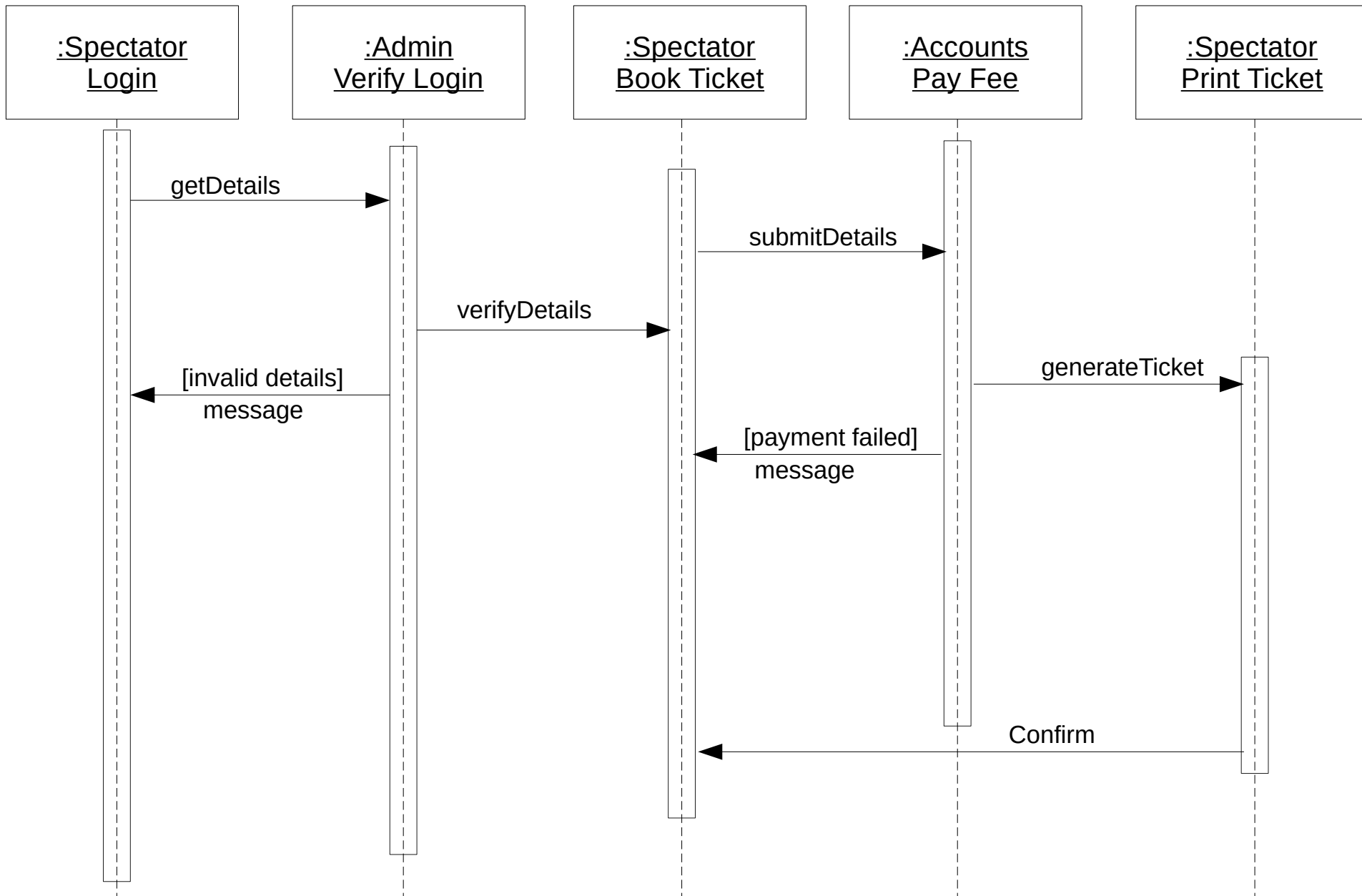
Sequence Diagram for Cancel Ticket Method

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

getDetails

submitDetails

verifyDetails

sendDetails

[invalid details] message

Confirm

performRefund Confirm