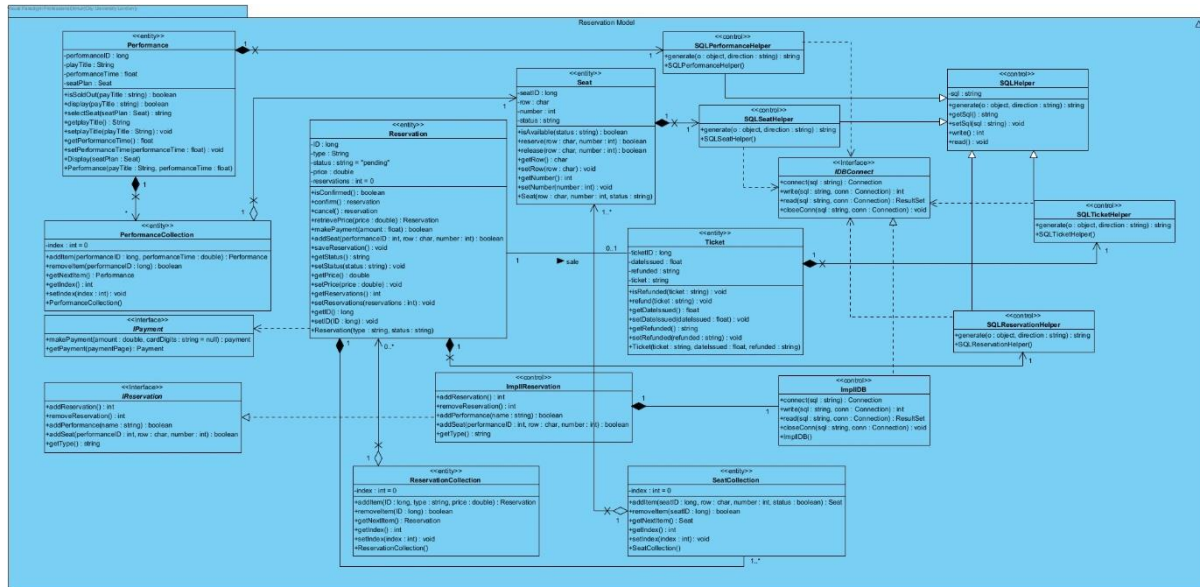


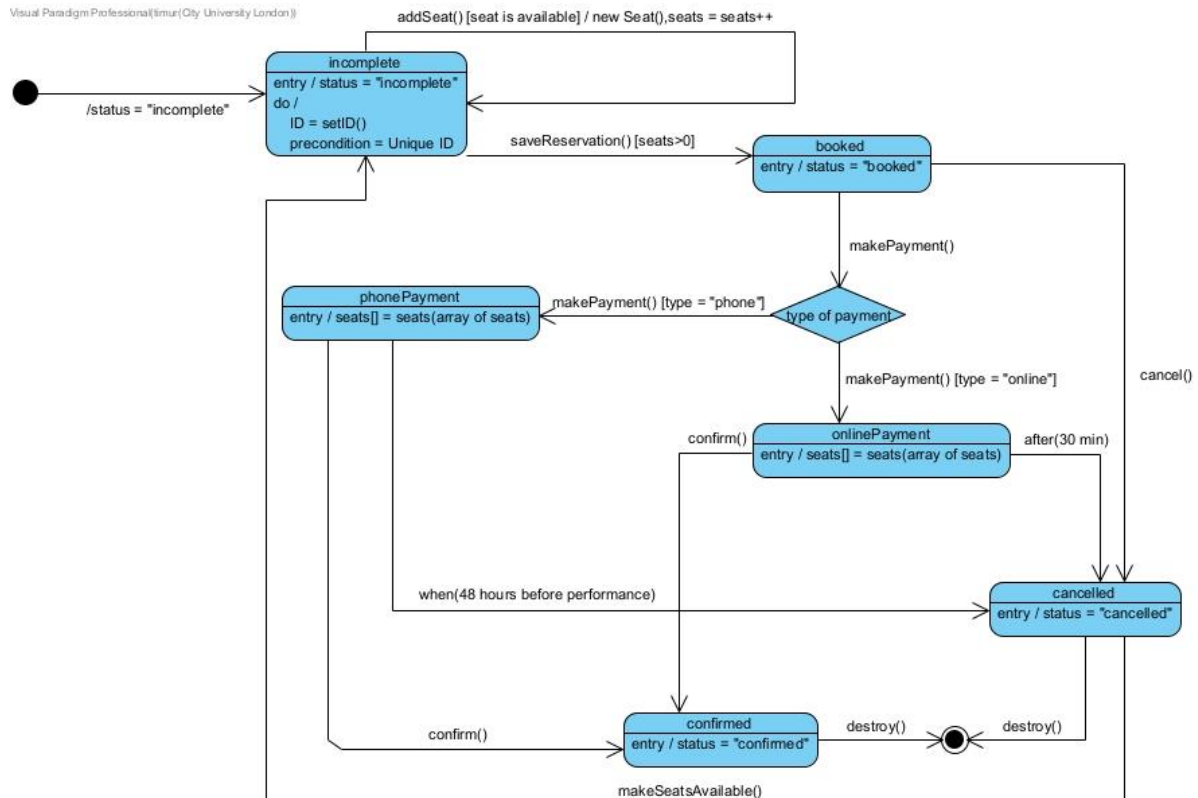
Object Oriented Analysis and Design 2

1)

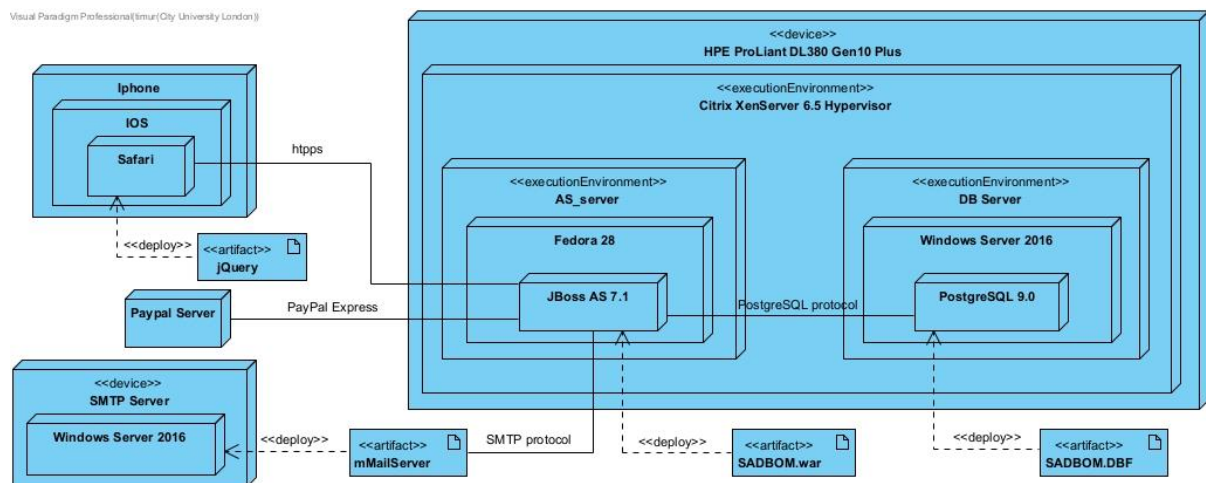


2)

Visual Paradigm Professional (© 2019 City University London)



3)



4)

Use case ID: 22	Use case: phoneReservation
Test number: 1	
Objective: Test the main flow (Phone Reservation: non patron, available seats)	
Set up: Customer: Srvinand Sabalagoshni, patron member, ID : 453083. Seats for Kal ho naa ho are available for the 12 th of January and the receptionist removes the seats wanted from availability for other customers. The concessionaire price is discounted by 25% if the customer is a patron. The receptionist saves the reservation of the seat and generates a Unique Reservation Number which is inputted into the database. Current Reservation ID : 01251.	
Expected results: <ol style="list-style-type: none"> 1. System validates whether a customer is a member using member ID and name. 2. Receptionist checks if the customer is a patron on the database. 3. Customer confirms performance and date of performance which is entered into the system by the receptionist which returns the seating plan given the performance. 4. System calculates the price to be £10 without discount. 5. System updates seating plan given desired seats of the customer and marks them as unavailable for other customers. 6. Reservation is saved and assigned unique ID: 01251. 7. System archives booking. 	
Test (input data): <ol style="list-style-type: none"> 1. The name Srvinand Sabalagoshni and ID: 453083 is queried. 2. Customer is identified as non patron. 3. 12th of January and Kal ho naa ho is queried. 4. Available seats selected. 5. Seats get booked. 6. Customer decided to pay later. 7. Save button is pressed and the booking is archived. 	
Test record: Expected results observed. Order recorded with correct data. Payment not received.	
Date: 05/12/2019	Tester: Timur Mahmud
Result: Passed.	

Use case ID: 22	Use case: phoneReservation
Test number: 2	
Objective: Test the main flow (Phone Reservation: non patron, available seats)	
Set up: Customer: Srivinand Sabalagoshni, patron member, ID : 453083. Seats for Kal ho naa ho are available for the 12 th of January and the receptionist removes the seats wanted from availability for other customers. The concessionaire price is discounted by 25% if the customer is a patron. The receptionist saves the reservation of the seat and generates a Unique Reservation Number which is inputted into the database. Current Reservation ID : 01251.	
<p>Expected results:</p> <ol style="list-style-type: none"> System validates whether a customer is a member using member ID and name. Receptionist checks if the customer is a patron on the database. Customer confirms performance and date of performance which is entered into the system by the receptionist which returns the seating plan given the performance. System calculates the price to be £10 without discount. System updates seating plan given desired seats of the customer and marks them as unavailable for other customers. Reservation is saved and assigned unique ID: 01252. System archives booking. 	
<p>Test (input data):</p> <ol style="list-style-type: none"> The name Srivinand Sabalagoshni and ID: 453083 is queried. Customer is identified as non patron. 12th of January and Kal ho naa ho is queried. Available seats selected. Seats get booked. Customer decided to pay later. Save button is pressed and the booking is archived. 	
Test record: Expected results observed. Order recorded with correct data. Payment not received.	
Date: 05/12/2019	Tester: Timur Mahmud
Result: Passed.	

Use case ID: 22	Use case: phoneReservation
Test number: 3	
Objective: Test the main flow (cancel booking)	
Set up: Customer: Lil Minion , patron member, ID : 453987. Seats for Despicable Me are available for the 22 nd of January and the receptionist removes the seats wanted from availability for other customers. The concessionaire price is discounted by 25% if the customer is a patron. The receptionist saves the reservation of the seat and generates a Unique Reservation Number which is inputted into the database. Current Reservation ID : 01253. Customer cancels booking.	
<p>Expected results:</p> <ol style="list-style-type: none"> System validates whether a customer is a member using member ID and name. Receptionist checks if the customer is a patron on the database. Customer confirms performance and date of performance which is entered into the system by the receptionist which returns the seating plan given the performance. System calculates the price to be £7.50 with discount of 25%. System updates seating plan given desired seats of the customer and marks them as unavailable for other customers. Reservation is saved and assigned unique ID: 01253. System archives booking. Customer then decides to cancel. Refund issued. 	

Test (input data):	
<ol style="list-style-type: none"> 1. The name Lil Minion and ID: 453987 is queried. 2. Customer is identified as patron. 3. 22nd of January and Despicable Me is queried. 4. Available seats selected. 5. Seats get booked. 6. Customer decided to pay now in cash. 7. Save button is pressed and the booking is archived. 8. Customer cancelled booking. 9. Payment Refunded. 	
Test record: Expected results observed. Order recorded with correct data. Booking Cancelled. Payment is refunded.	
Date: 22/01/2020	Tester: Timur Mahmud
Result: Passed.	

Use case ID: 22	Use case: phoneReservation
Test number: 4	
Objective: Test the main flow (Phone Reservation: patron, no available seats)	
Set up: Customer: Thorkell bin Khalid, patron member, ID : 453365. Seats for Vinland Saga are not available for the 20 th of January. The concessionaire price is discounted by 25% if the customer is a patron. The receptionist notifies customer that there are no seats available.	
Expected results: <ol style="list-style-type: none"> 1. System validates whether a customer is a member using member ID and name. 2. Receptionist checks if the customer is a patron on the database. 3. Customer confirms performance and date of performance which is entered into the system by the receptionist which returns the seating plan given the performance. 4. System returns error message stating no available seats for performance. 5. Booking is cancelled. 	
Test (input data): <ol style="list-style-type: none"> 1. The name Thorkell bin Khalid and ID: 453365 is queried. 2. Customer is identified as patron. 3. 20th of January and Vinland Saga is queried. 4. No Available seats. 5. Customer notified by receptionist 6. Booking cancelled 	
Test record: Expected results observed. Order not recorded. Booking cancelled.	
Date: 11/12/2019	Tester: Timur Mahmud
Result: Passed.	

Use case ID: 22	Use case: phoneReservation
Test number: 5	
Objective: Test the main flow (Phone Reservation: non patron, no available seats)	
Set up: Customer: Ash Ketchup, patron member, ID : 453963. Seats for PokeMen are not available for the 21 st of January. The concessionaire price is discounted by 25% if the customer is a patron. The receptionist notifies customer that there are no seats available.	
Expected results: <ol style="list-style-type: none"> 1. System validates whether a customer is a member using member ID and name. 2. Receptionist checks if the customer is a patron on the database. 	

3. Customer confirms performance and date of performance which is entered into the system by the receptionist which returns the seating plan given the performance. 4. System returns error message stating no available seats for performance. 5. Booking is cancelled.	
Test (input data): 7. The name Ash Ketchup and ID: 453963 is queried. 8. Customer is identified as non patron. 9. 21 st of January and PokeMen is queried. 10. No Available seats. 11. Customer notified by receptionist 12. Booking cancelled	
Test record: Expected results observed. Order not recorded. Booking cancelled.	
Date: 11/12/2019	Tester: Timur Mahmud
Result: Passed.	