

Hang Pan

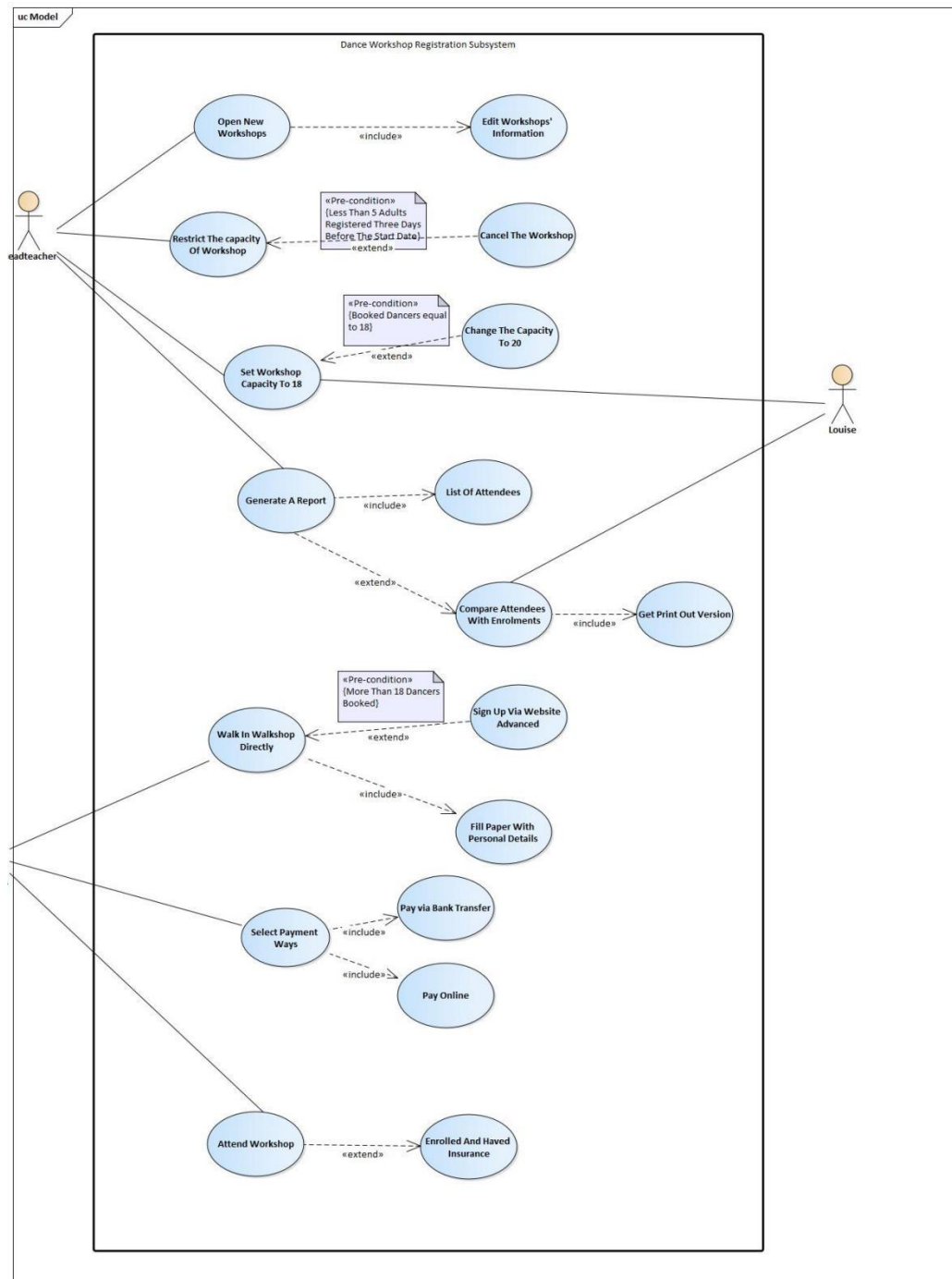
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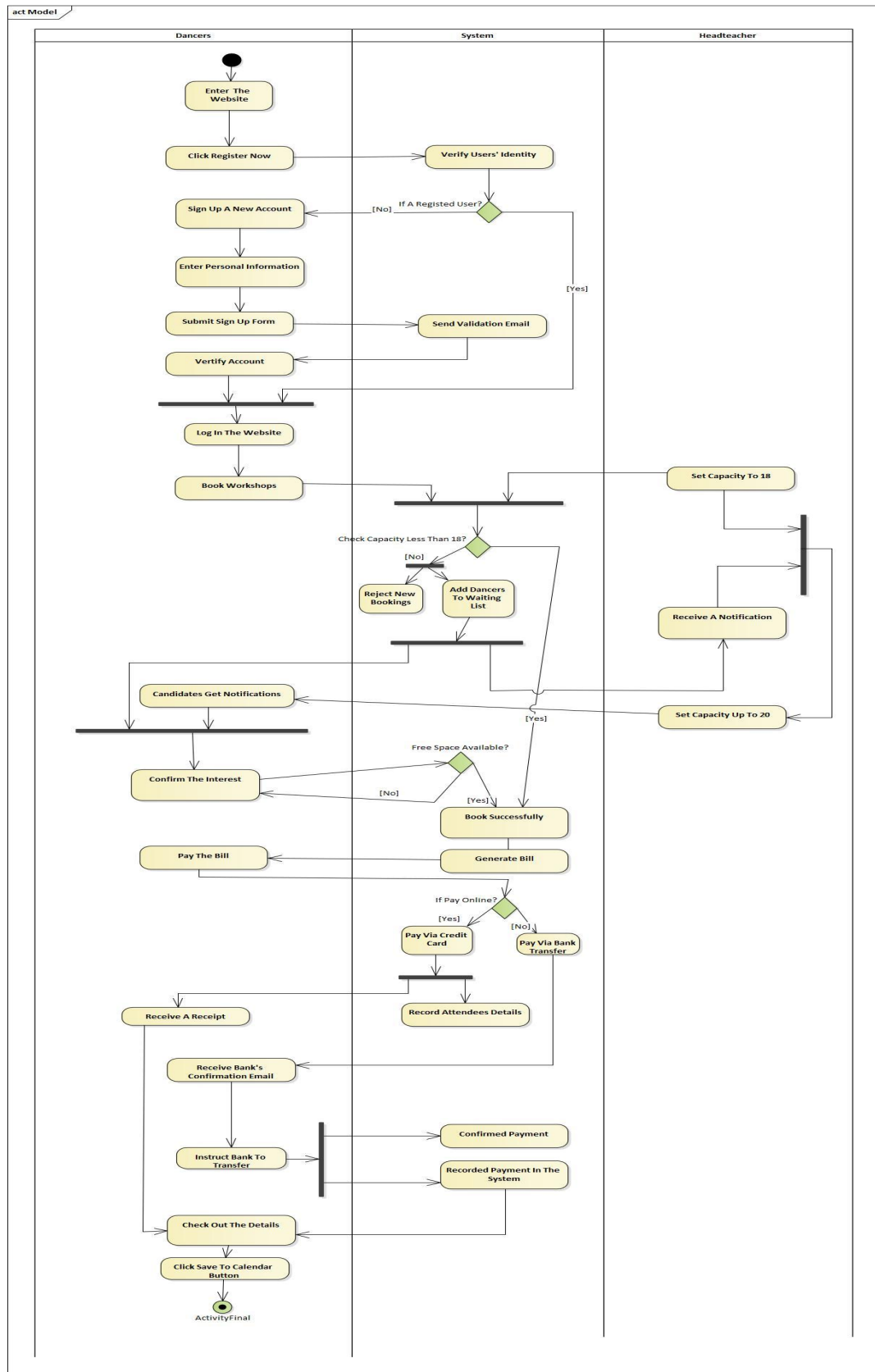
Dance Studio 358 Overview:

It's a comprehensive studio with a wide variety of dance styles and styles, such as jazz, ballet, modern and tap, and accommodates a large number of students of varying levels. Previously, the studio had been using spreadsheets and pens to record studio content. The purpose of setting up this system is to improve the efficiency of work management in the dance studio and bring convenience to both students and teachers. In the process of designing the system, it takes a lot of time. The second part is to divide the personnel of the studio, so that the accounts of dancers and teachers can be managed efficiently. The third part is to create some new functions and add them to the system for the convenience of teachers or students outside to analyze the relationship between the dance studio, teachers and students in order to design a reasonable and efficient management system. When designing the system, focus on analyzing dancers booking studios and payments, as this is a very important part. The second part is to divide the personnel of the studio, so that the accounts of dancers and teachers can be managed efficiently. The third part is to create some new functions and add them to the system for the convenience of teachers or students.

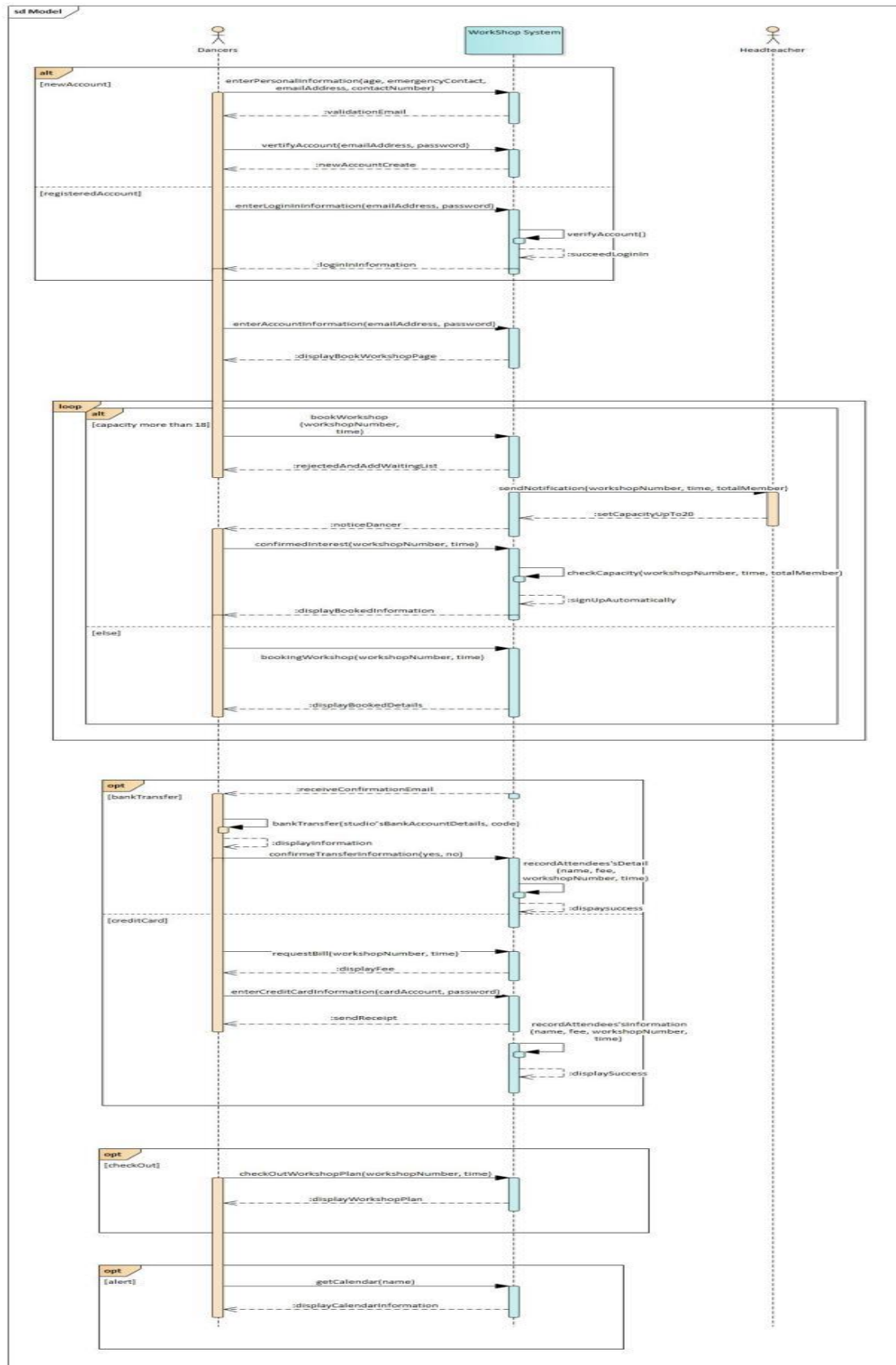
1. Registration Process for Dance Workshop(Use Case Diagram)



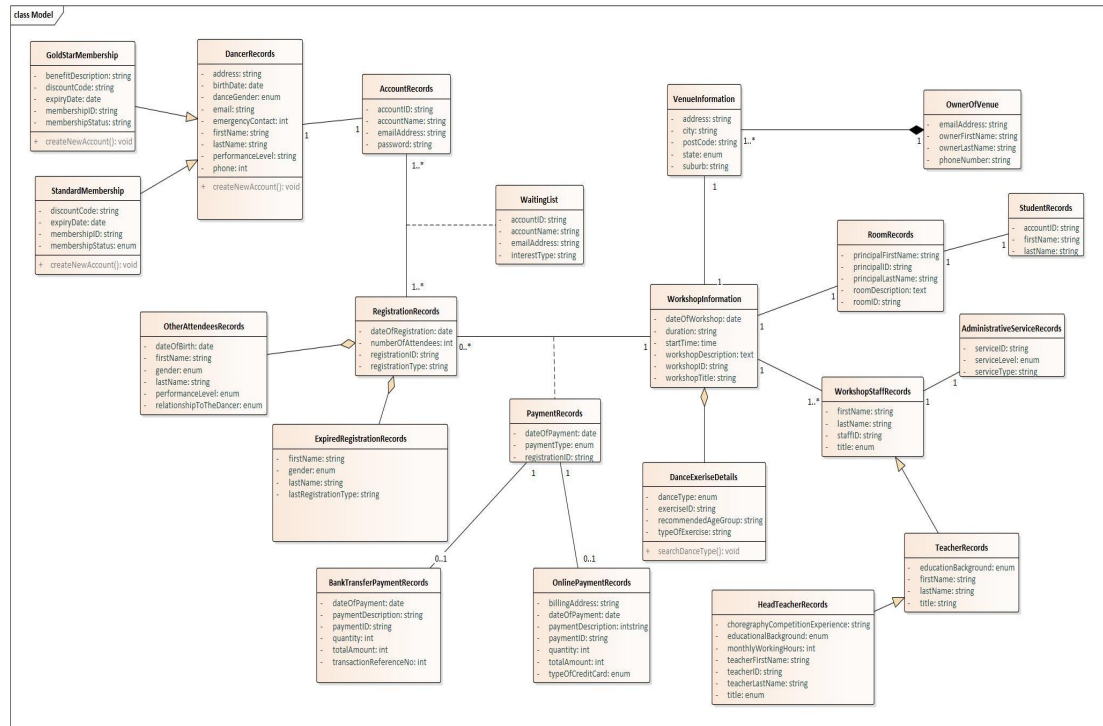
2. Booking process for a dance workshop(Activity Diagram)



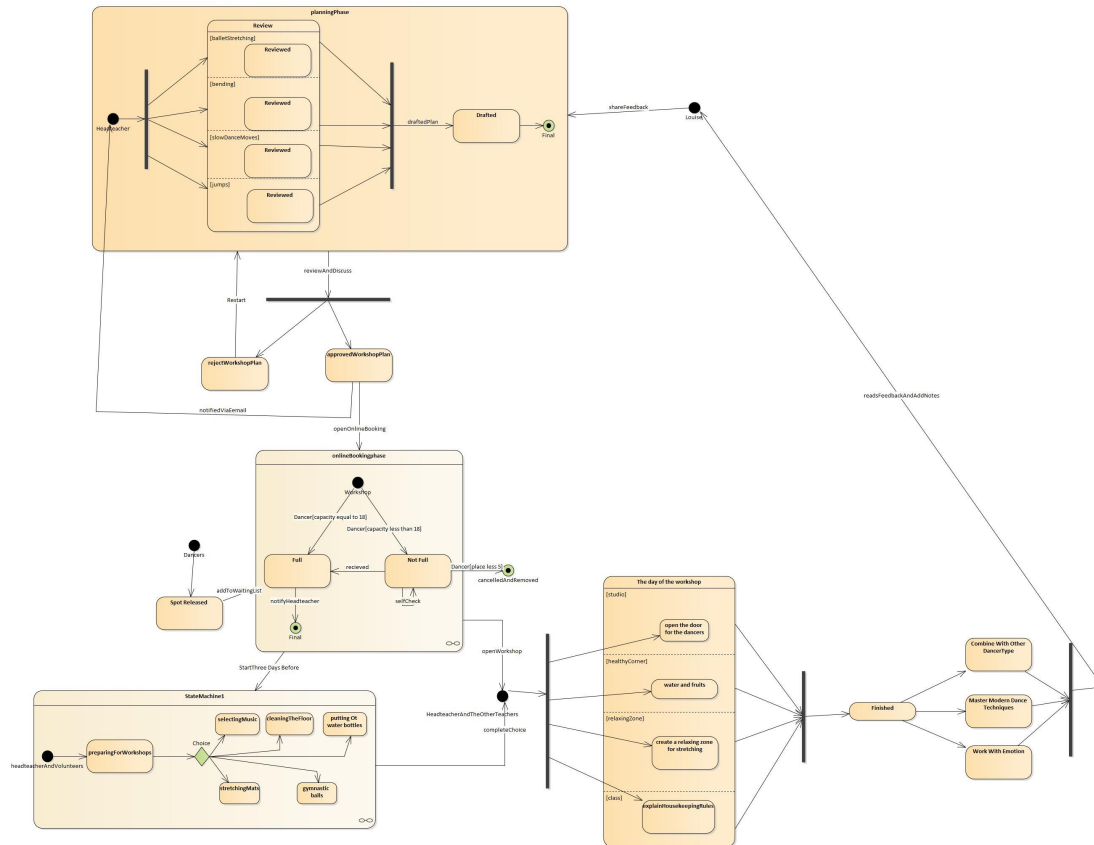
3. Booking process for a dance workshop(Sequence Diagram)



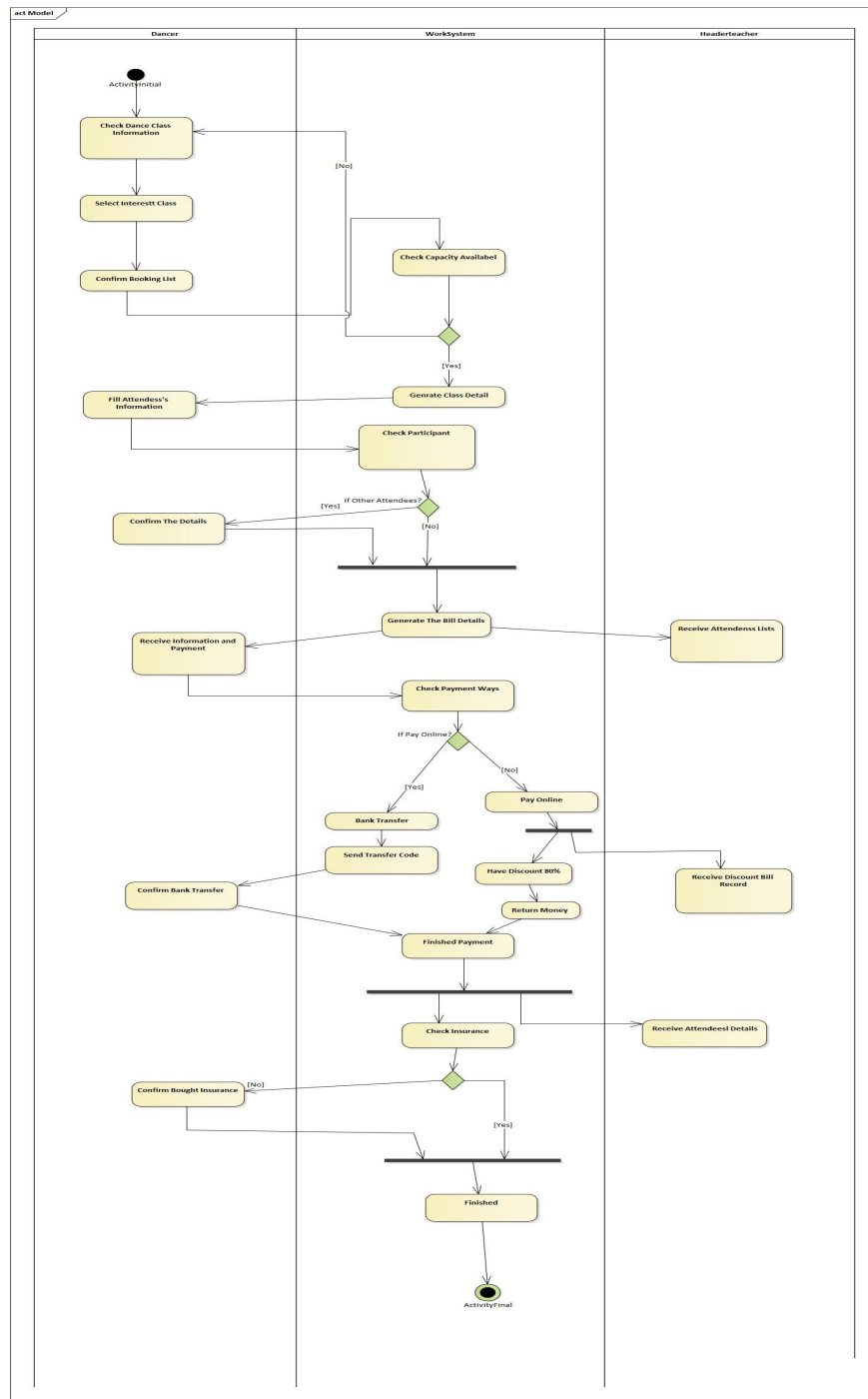
4. Data structure of dance workshop management system(Domain Class Diagram)



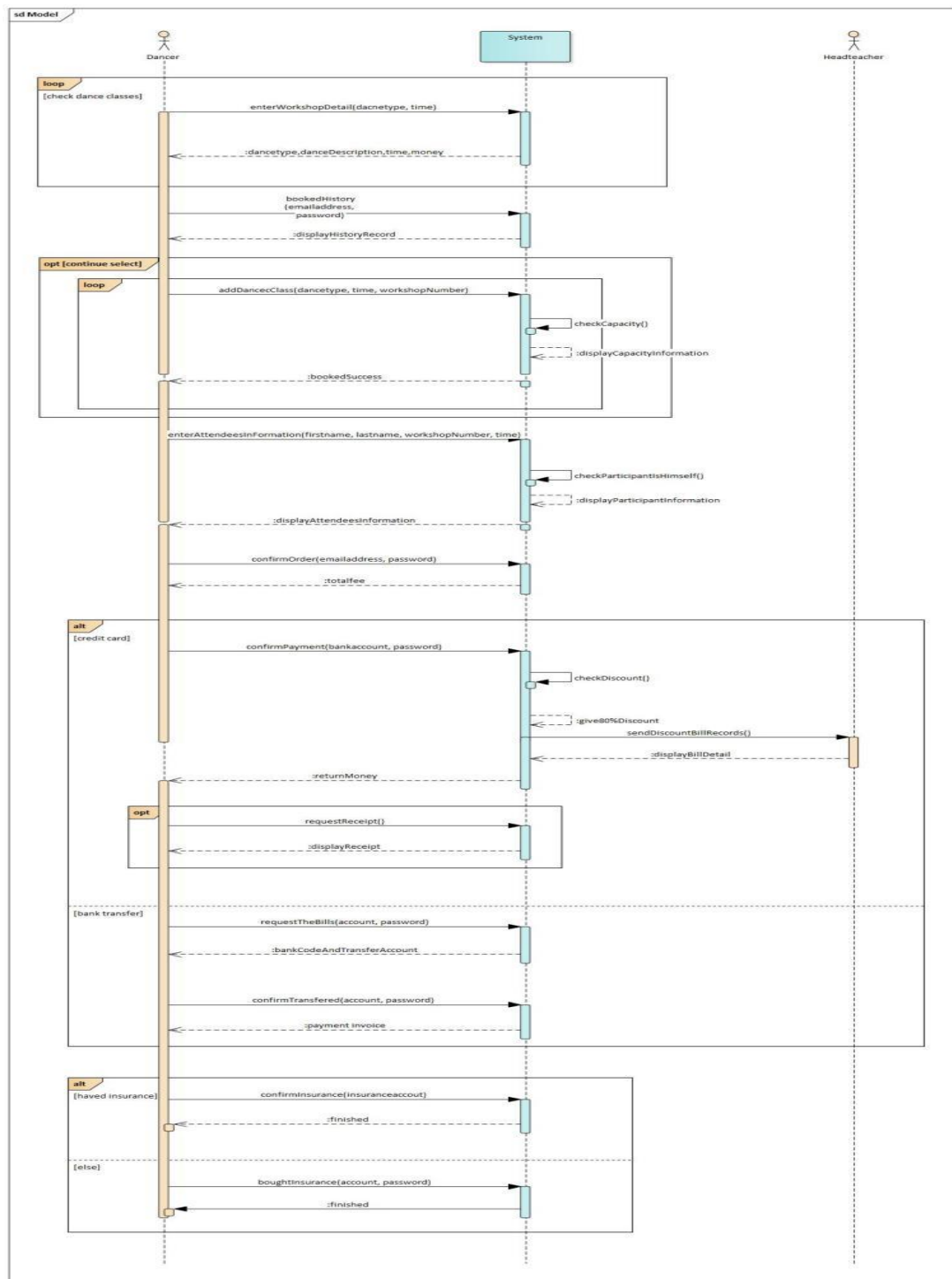
5. The different states of a workshop and the transitions between the states(State Machine Diagram)



6. If dancers pay via credit card, they have a high discount. In addition, dancer can buy more courses they want in dance studio 358, this is the process when dancers pay via credit card the studio website. (Activity Diagram)



7. If dancers pay via credit card, they have a high discount. In addition, dancer can buy more courses they want in dance studio 358, this is the process when dancers pay via credit card the studio website.(Sequence Diagram)



8. This is the process that dancer want to pay for the bill when they have selected courses completely (State Machine Diagram)

