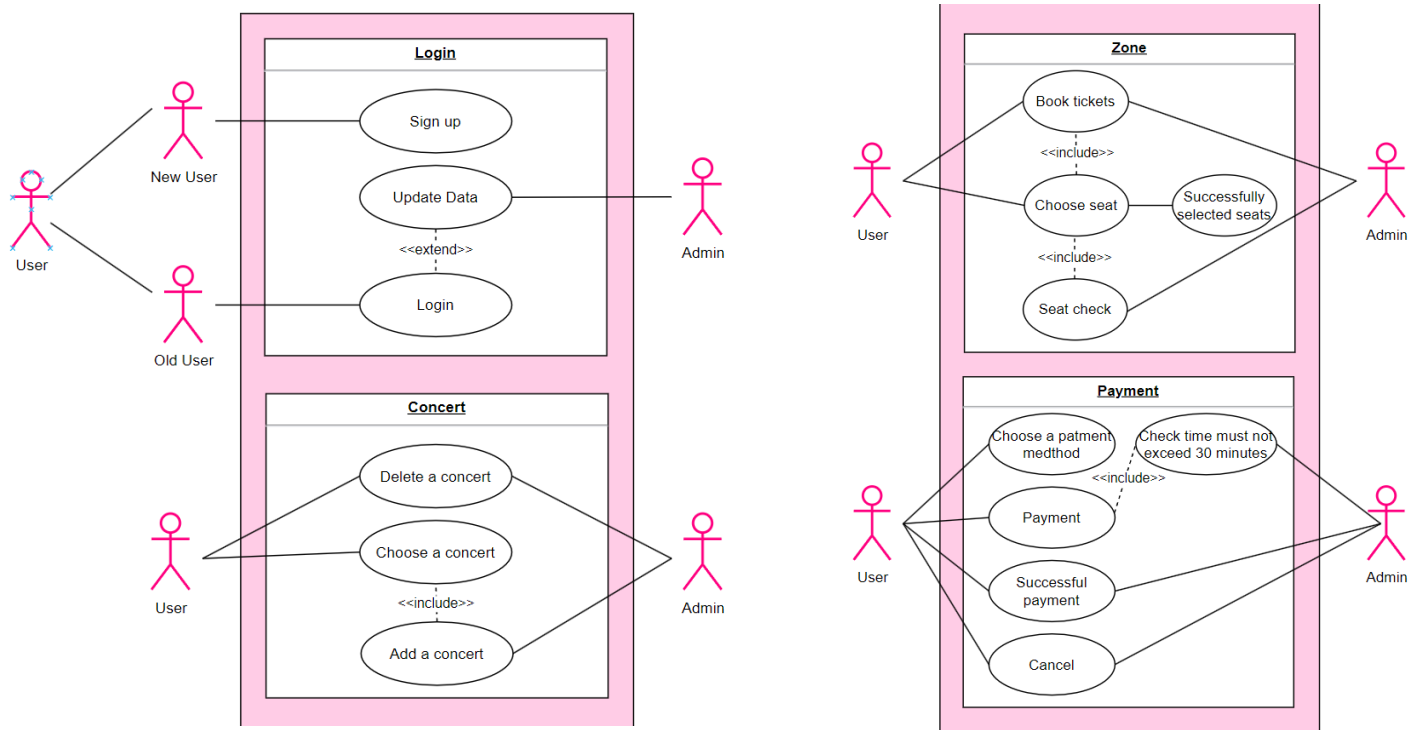


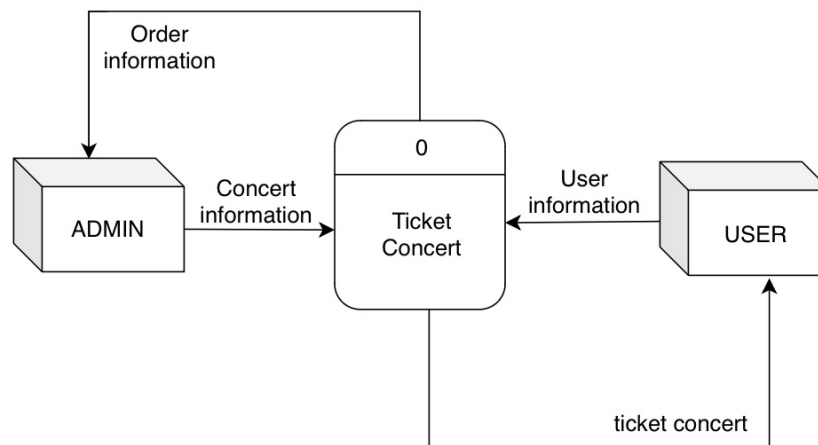
1. Usecase diagram



2. Usecase description

Use Case Name:	Website purchase Concert Ticket
Scenario:	Create website purchase concert ticket
Triggering Event:	Ticket sale opening on own website
Brief Description:	This is a project that purchase concert tickets. Users can select the zone, seating area, and show date. Additionally, Our website have the option to choose from various payment methods.
Actors:	Customer , Admin
Related Use Cases:	Add details concert
Stakeholders:	Concert Organizers: Individuals or companies responsible for arranging concerts and selecting us as a ticket sales channel, providing information about the concerts. Customers: Utilize our website's services, with the website playing a crucial role in the overall user experience. Payment Service Providers: Companies that play a secure and convenient role in processing payments for customers. Website Developer: Involved in the development of the website for purchasing concert tickets, ensuring its functionality and user-friendliness. System Administrators: Individuals responsible for maintaining and managing the website to ensure efficient and secure system operations. Media and Marketing Companies: Companies involved in advertising, promoting, creating, and distributing information about our website.
Preconditions:	Customers should use devices with reliable internet access to be able to access the website. If they are new members, they need to click on "Sign up" and provide various details to access the system. However, for existing website members, they only need to click "Log in," enter their email and password since their history is already recorded. It's important to read and understand the terms and conditions to comprehend our website. Understand the purchasing process of our website and be prepared to purchase concert tickets.
Postconditions:	Customer: Customers need to select the concert zone, seat, date, and payment method. They must review the details and confirm the purchase. Admin: Administrators are responsible for adding concert information and details. They continuously monitor, update, and delete seat information.
Main flow:	1.Admin create concert details. 2.Customer Sign up (if customer is a new customer fill necessary information.) or Log in (if customer is a old customer fill Email and Password). 3.Customer choose concert and select zone,seat and date. 4.Customer select payment. 5.Customer check details and pay; system verifies payment,zone and seat status. 6.Admin update/delete concert zone and seat; system add/edit status of zone and seat. 7.Customer purchase ticket success; system create E-ticket. 8.System finalizes purchase.
Exception Conditions:	1.If event details error, then admin should edit as soon as possible and apologize customer. 2.If customer missing necessary information, then customer can not purchase concert ticket. 3.1If customer select wrong seat, then customer can not change and edit ticket. 3.2If concert ticket is sold out, then customer should a.change seat or zone,or b.wait for ticket due to technical error. 5.If a payment failure, then customer should a.change payment method,or b.change seat.

3. Context diagram



4. DFD level 0

