

CSE 305 SOFTWARE ENGINEERING MIDTERM PROJECT

Product backlog

XEZER TEAM

Team Members: Nargila Mammadova(171805002), Furkan Keskintaş(161805053), İpek Gözlek(171805055)

CINETESS

1st question:

Project Topic: Movie Ticket Sale System

Our User Stories

Creator: Nargila Mammadova, İpek Gözlek, Furkan Keskintaş

Actors: Ticket Seller, Customer

First user story

Main Success Scenario:

- 1-It starts with the customer arriving at the ticket sales area
- 2-Ticket seller logs into automation
- 3-Ticket seller selects movie, session, seat and number of tickets information according to customer request
- 4-The ticket seller shows the customer the seat layout from the screen
- 5-The customer chooses from the empty seat (as many as the number of units the chooses)
- 6-Ticket seller gives price info to customer
- 7-The customer makes payment (cash or credit card)
- 8-Ticket seller prints tickets through automation.
- 9-The customer receives their tickets from ticket seller.

Second user story

Alternative Success Scenario:

If 4.step is not working or according to customer desire, you must use alternative scenario:

- 1-The customer/ must arrive at ticket sales terminal
- 2-Customer selects the desired film and session from the terminal.
- 3-The customer selects the number of tickets from the terminal.
- 4-The customer chooses from the empty seats (as many as the number of units the chooses)
- 5-The terminal returns price information to customer.
- 6-The customer places the money in the chamber and makes the payment.
- 7-If there is remainder,the customer gets the remainder from the chamber.
- 8-The customer receives tickets printed from terminal.

2nd question:

Our team represent the cumulative size of all user stories in our product backlog. The order of priority is as follows:

First user story: This user story is high priority.

Second user story: This user story is low priority.

3rd question:

<u>Pre- Conditions</u>	<u>Post-Conditions</u>
User must be a member of the system	To log into the system, to list movies, to watch movies, to choose seats and sessions, to make payments
User must be authorized to become moderator	To be able to list sales, users, moderators and add movies

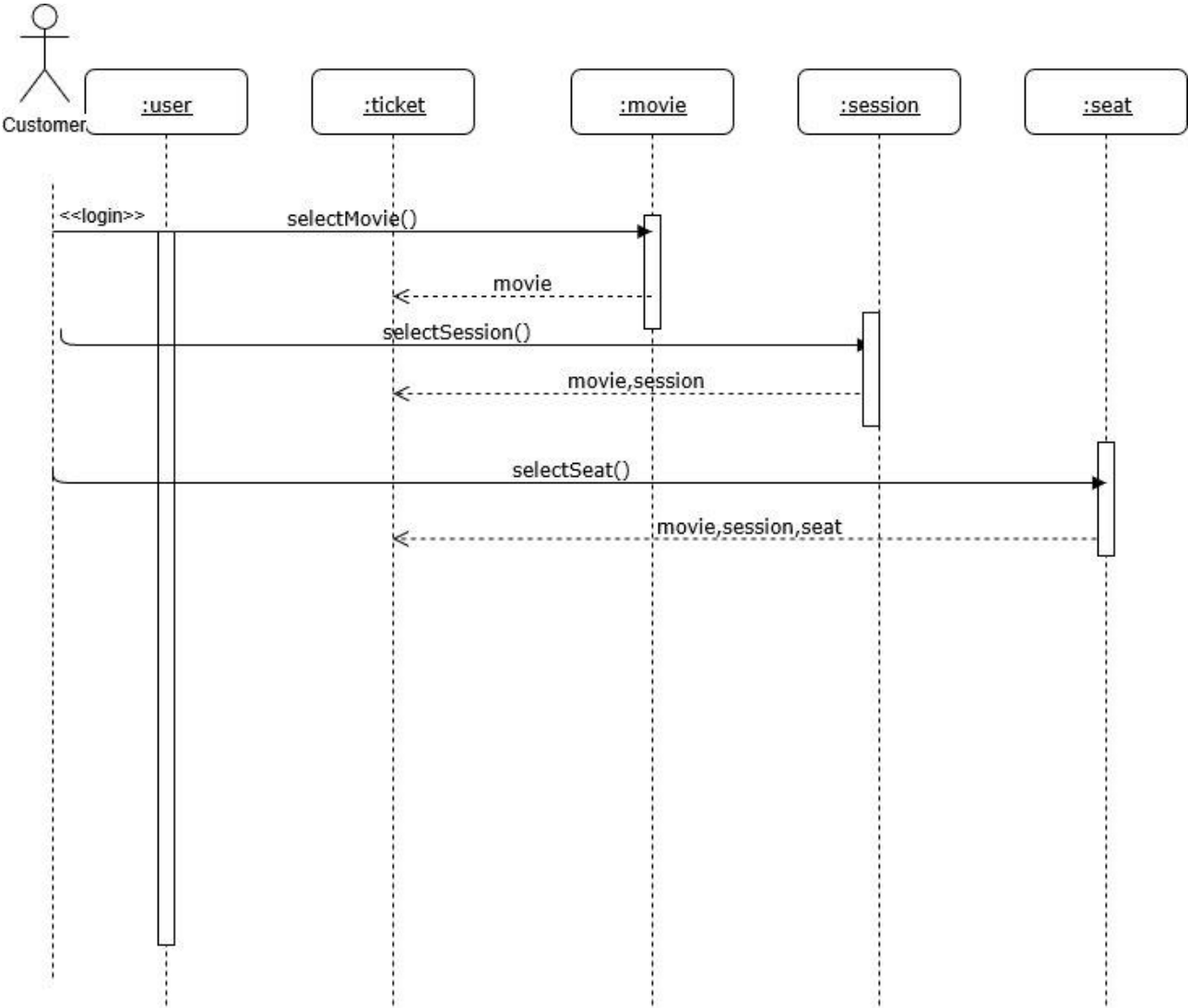
4th question:

Sprint Plan:

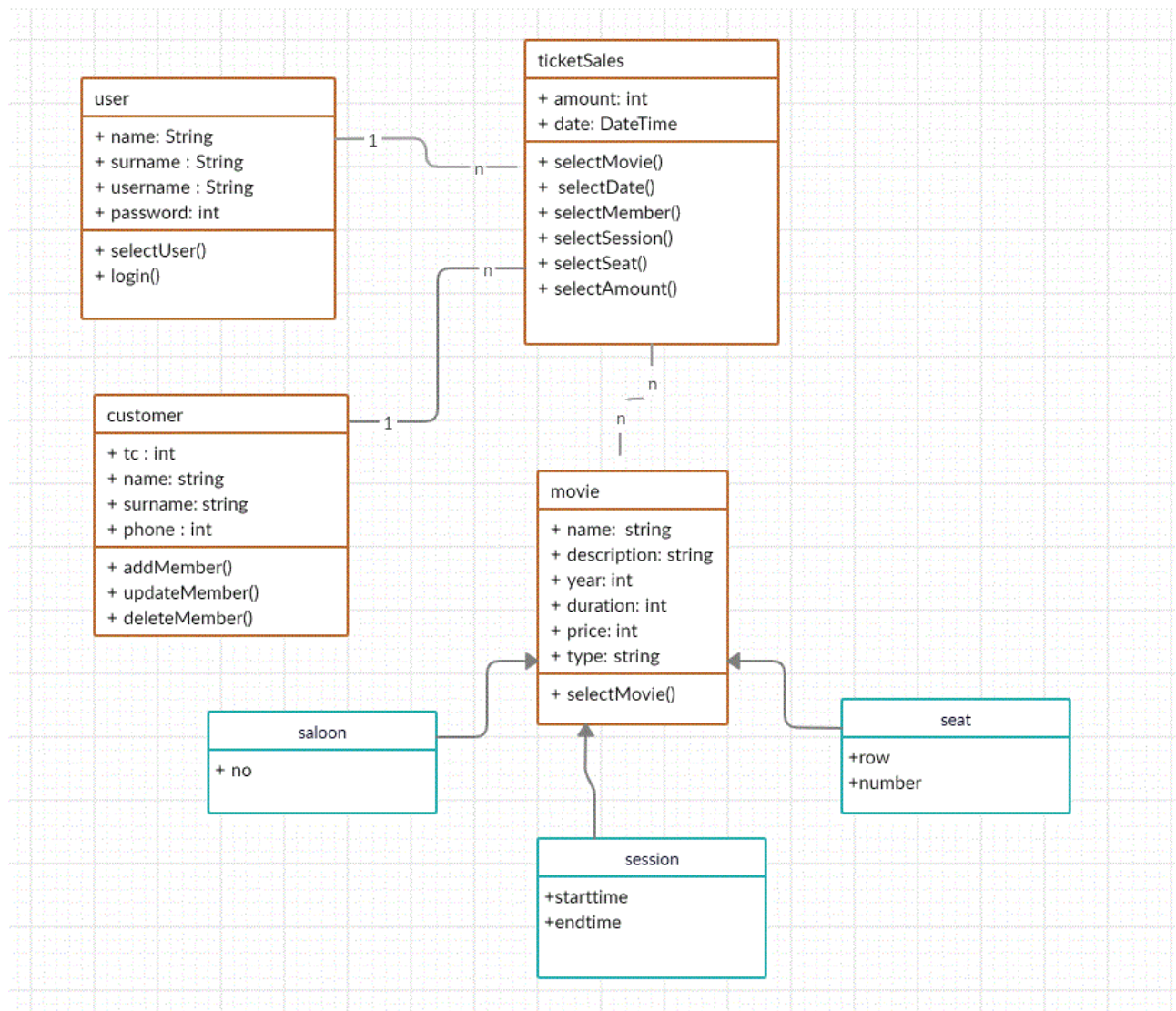
<u>Sprint Plan</u>	<u>VERSION</u>	<u>DATE</u>	<u>DESCRIPTION</u>	<u>AUTHOR</u>
Sprint Plan-1	Inception and Elaboration Part	05.11.2020 -08.11.2020	Plan and design. Interface is designed and some documents are created.	Nargila Mammadova, İpek Gözlek
Sprint Plan-2	Construction Part	08.11.2020 -15.11.2020	Back-end and front-end parts are completed. Automation was prepared. Then Login and Register operations were done.	Nargila Mammadova, Furkan Keskintaş
Sprint Plan-3	Transition Part	15.11.2020 -22.11.2020	All documents are prepared, system is tested and problems are solved. Finally, we added roles, that is, the moderator process, to the system.	İpek Gözlek, Nargila Mammadova, Furkan Keskintaş

5th question:

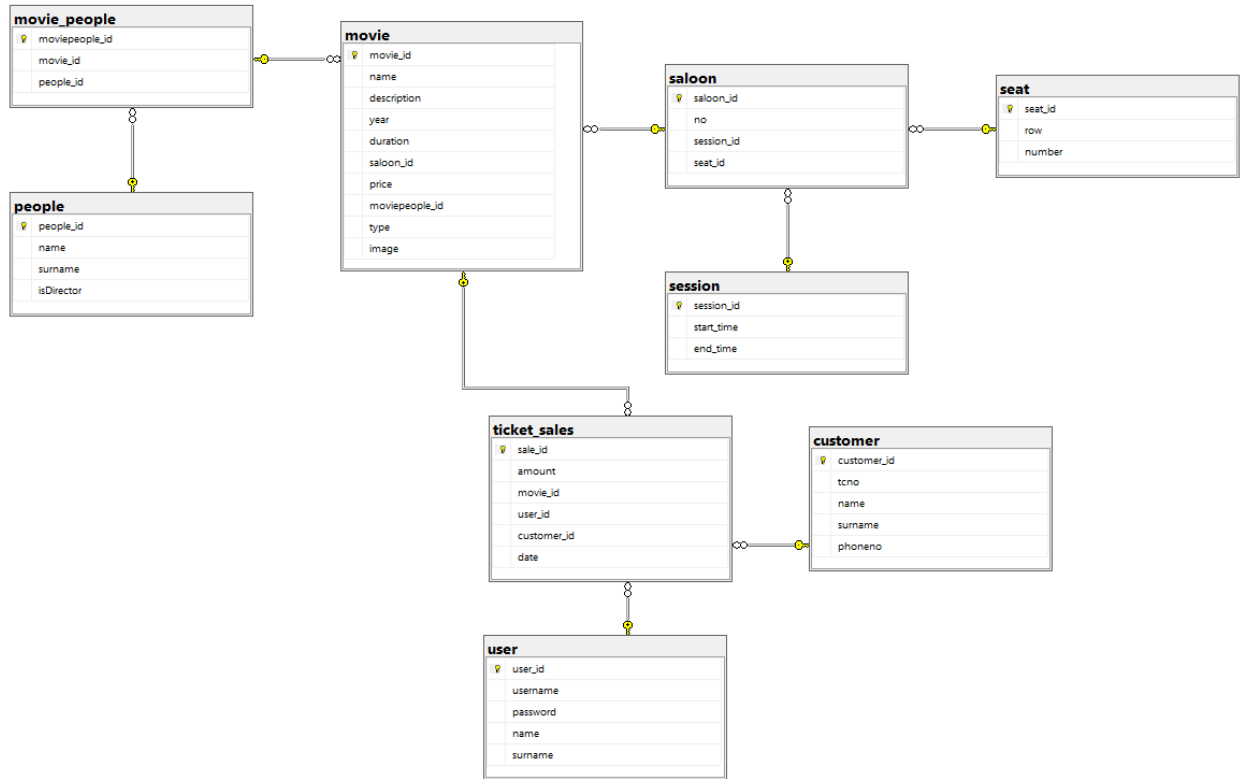
System Sequence Diagram:



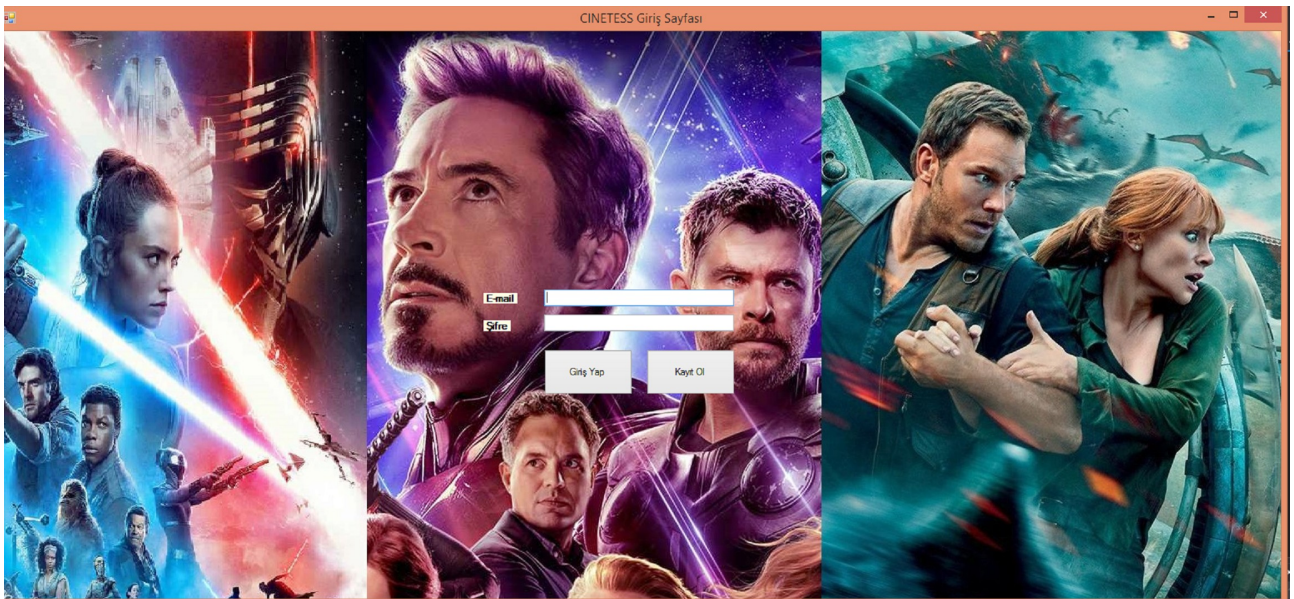
Class Diagram:



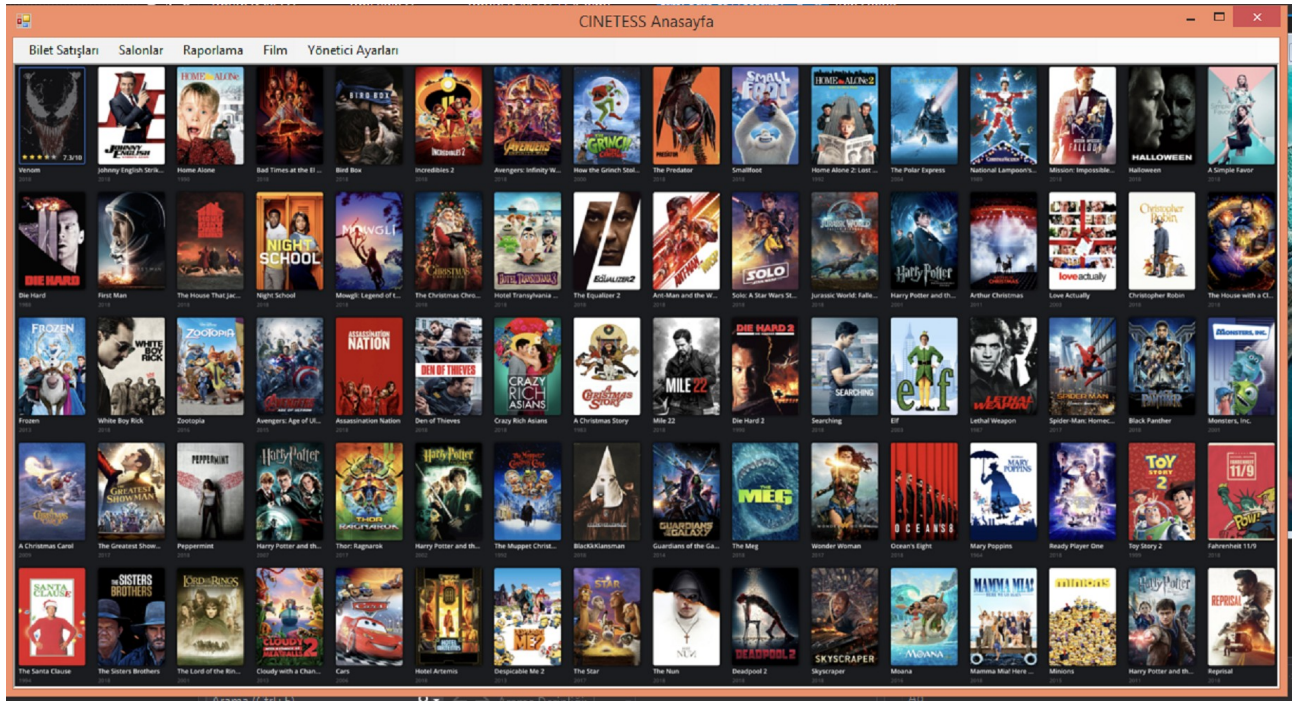
E-R DIAGRAM:



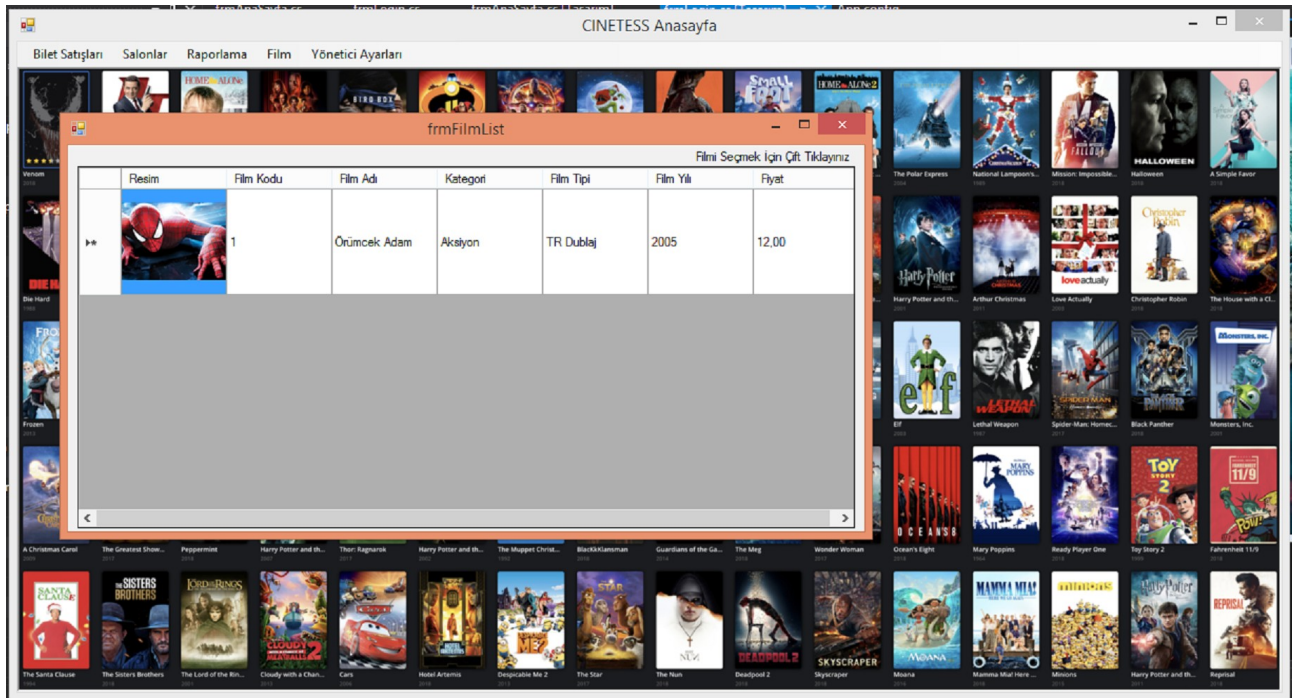
Login Page:



Homepage:



Movie Introduction:



Ticket Informations:

CINETESS Anasayfa

Bilet Satışları Salonlar Raporlama Film Yönetici Ayarları

Bilet Satışı

Ad: Furkan Telefon Numarası: 43656879809

Soyad: Keskintaş Film Adı: Örümcek Adam

Salon: 3. Salon Ödeme Şekli: Kredi Kartı

Seans: 12:30-14:30 Fiyat: 12,00

Koltuk Seçimi Satışı Tamamla

Choosing Seat:

CINETESS Anasayfa

Bilet Satışları Salonlar Raporlama Film Yönetici Ayarları

Bilet Satışı

Ad: Soyad: Salon: Seans: Koltuk Seçimi

Koltuk Seçimi

3. Salon 12:30-14:30 Seans Koltuk Seçimi

Ön

A1	A2	A3	A4	A5	A6	A7	A8
B1	B2	B3	B4	B5	B6	B7	B8
C1	C2	C3	C4	C5	C6	C7	C8
D1	D2	D3	D4	D5	D6	D7	D8

Arka

CINETESS Anasayfa

Bilet Satışları Salonlar Raporlama Film Yönetici Ayarları

Bilet Satışı

Ad Furkan Telefon Numarası 43656879809

Soyad Keskintaş Film Adı Örümcek Adam

Salon 3.Salon Ödeme Şekli Kredi Kartı

Seans 12:30-14:30 Fiyat

Koltuk Seçimi C5

Başarılı

Bilet Satışı Gerçekleşti

Tamam

Satışı Tamamla

CINETESS Anasayfa

Bilet Satışları Salonlar Raporlama Film Yönetici Ayarları

Bilet Satışı

Ad Furkan Telefon Numarası 43656879809

Soyad Keskintaş Film Adı Örümcek Adam

Salon 3.Salon Ödeme Şekli Kredi Kartı

Seans 12:30-14:30 Fiyat 12,00

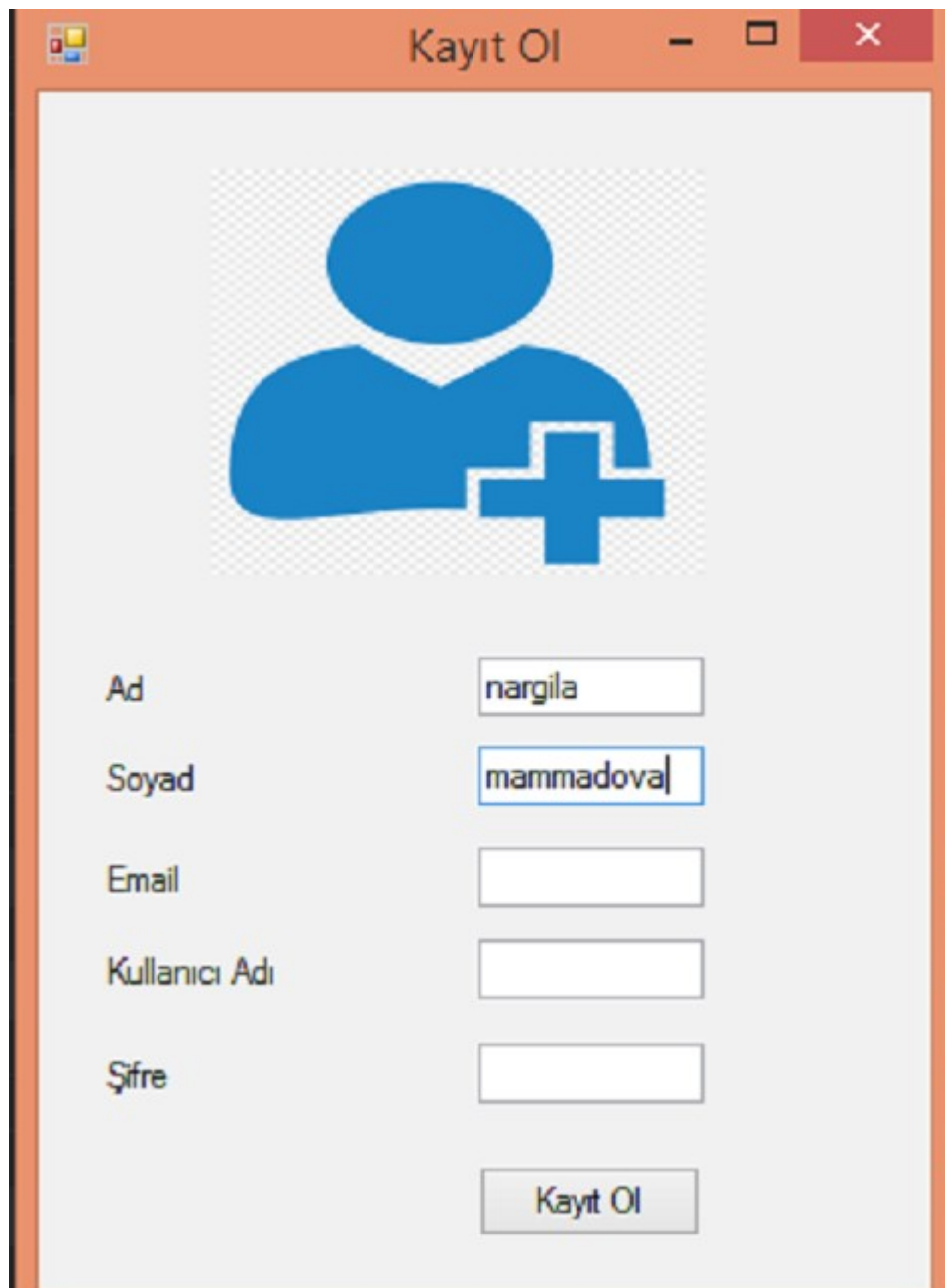
Koltuk Seçimi C5

Satışı Tamamla

Bilet

Ad	Furkan
Soyad	Keskintaş
Film Adı	Örümcek Adam
Salon Adı	3.Salon
Koltuk No	C5
Fiyat	12,00

Adding Member:



The screenshot shows a Windows application window titled "Kayıt Ol" (Sign Up). The window has a light gray background and an orange border. At the top, there is a blue icon of a person with a plus sign. Below this, there are five text input fields with labels to their left: "Ad" (First Name), "Soyad" (Last Name), "Email", "Kullanıcı Adı" (Username), and "Şifre" (Password). The "Ad" field contains the text "nargila", and the "Soyad" field contains the text "mammadova". Below the input fields is a button labeled "Kayıt Ol".

Field	Value
Ad	nargila
Soyad	mammadova
Email	
Kullanıcı Adı	
Şifre	

Technologies to be used: Microsoft SQL server is used for database management system. Designed with Windows Form Application (.NET Framework) and made back-end part with C# on Visual Studio 2019.

Moderator settings:

