**VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE TEHNOLOGIJE**

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**Internet programerski alati**

Projekat

**Web aplikacija za rezervaciju hotelskih soba u Java EE okruženju**

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**Beograd**

**Novembar,2019.**

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# UVOD

Cilj ovog projekta je izrada aplikacije u Java EE okruženju. Tema projekta je izrada web aplikacije za porveru dostuponsti hotela i rezervaciju hotelskih soba.

# KLJUČNE REČI

Java, servlet, mySql, xampp, html, css, netBeans, jsp,hotel, tip Sobe….

# SPECIFIKACIJA ZAHTEVA

## VERBALNI OPIS MODELA

Potrebno je projektovati I implementirati web aplikaciju za proveru dostupnosti hotela I rezervaciju soba.

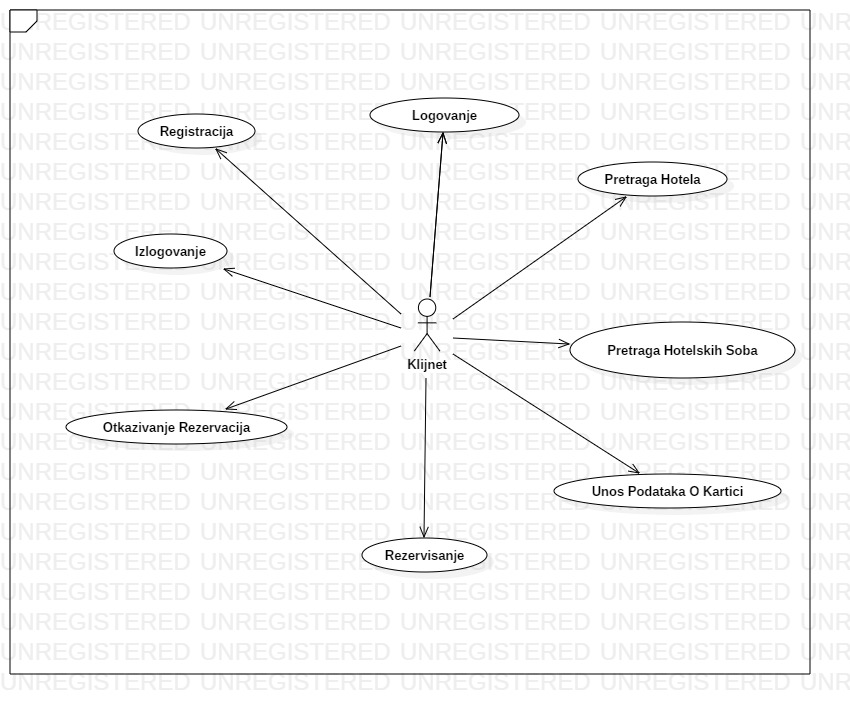
Aplikaciju koriste klijnet kome je obezbeđena mogućnost registracije, logovanja, pretraživanja hotela po određenim kriterijumima, pretraživanja hotelskih soba i rezervacije hotelskih soba u nekom od hotela, kao i otkazivanje rezervacija.

Menadžeri hotela imaju slične mogućnosti, ali na nivou jednog hotela, tj. logovanje, izmena hotela, kreiranje hotelskih soba, izmena i brisanje hotelskih soba, kreiranje, izmena i brisanje tipa hotelskih soba.

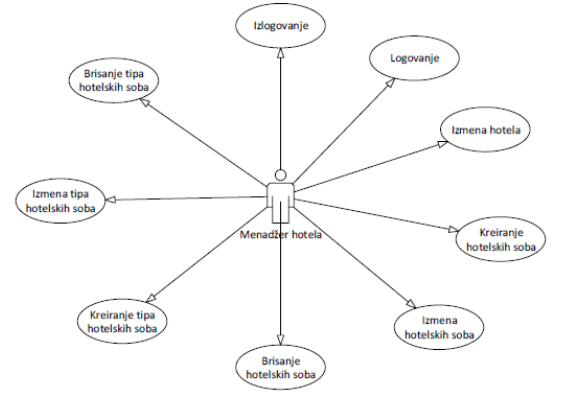
I naravno Administratori koji imaju mogućnost kreiranja, izmene i brisanja hotela, hotelskih soba, tipova hotelskih soba, kao i izmenu i brisanje klijenata.

## 

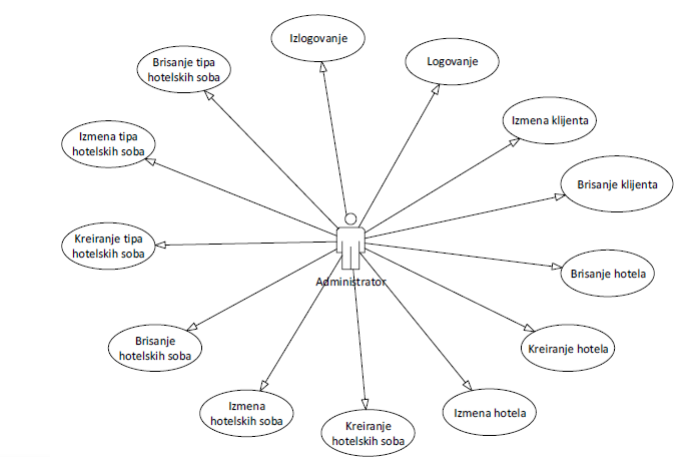
## DIJAGRAM SLUČAJEVA KORIŠĆENJA



**Slika 1. Use Case Dijagram – Klijent**



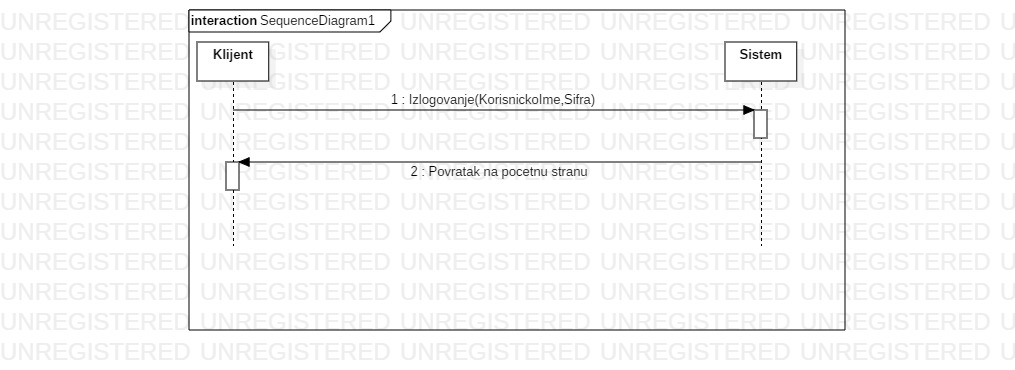
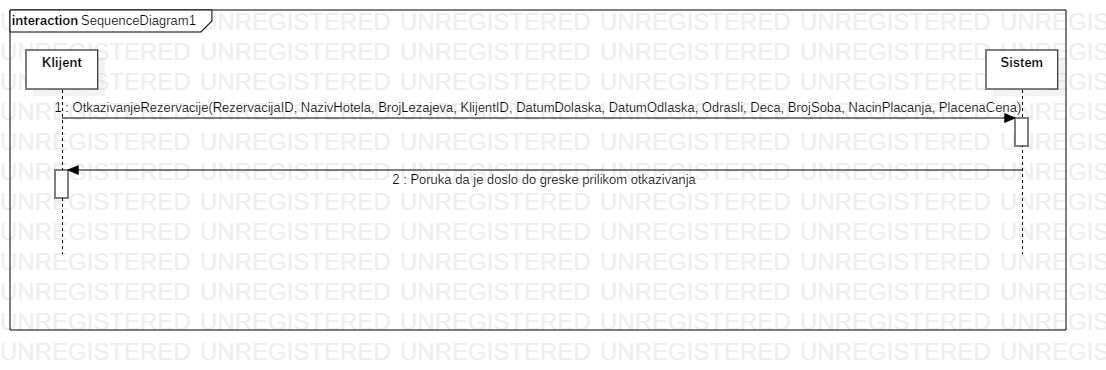
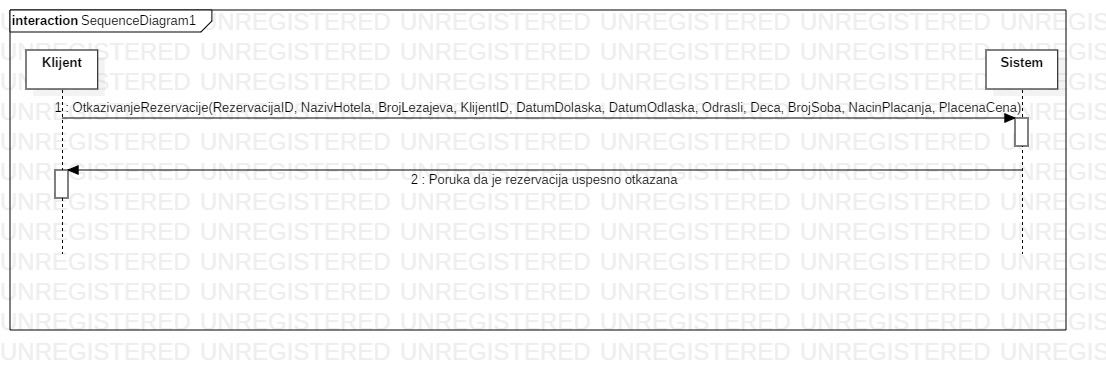
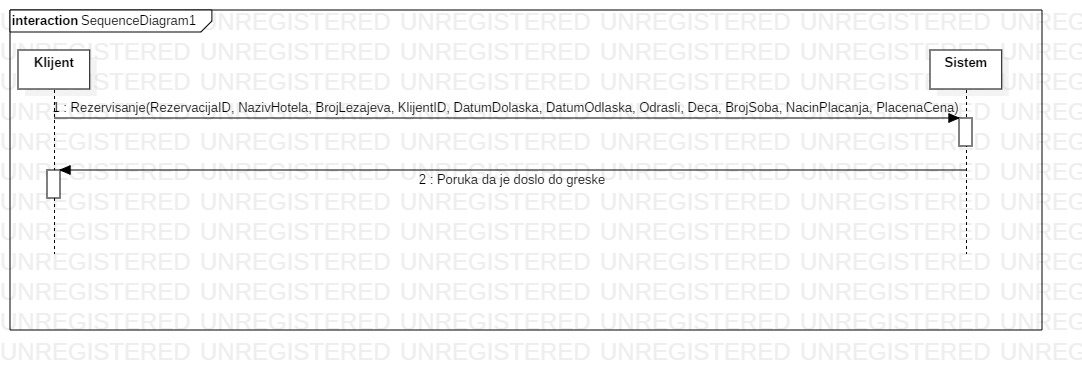
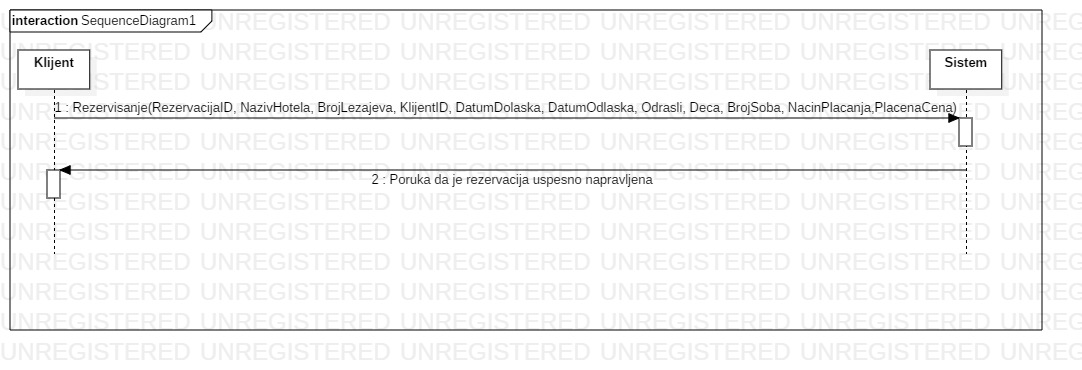
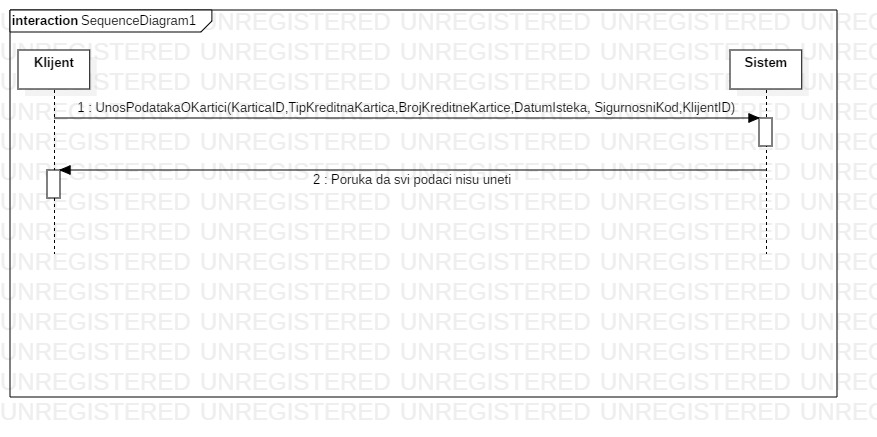
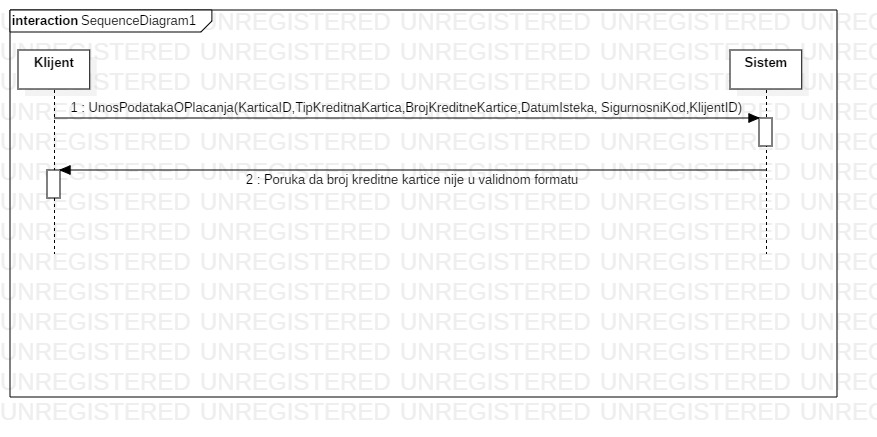
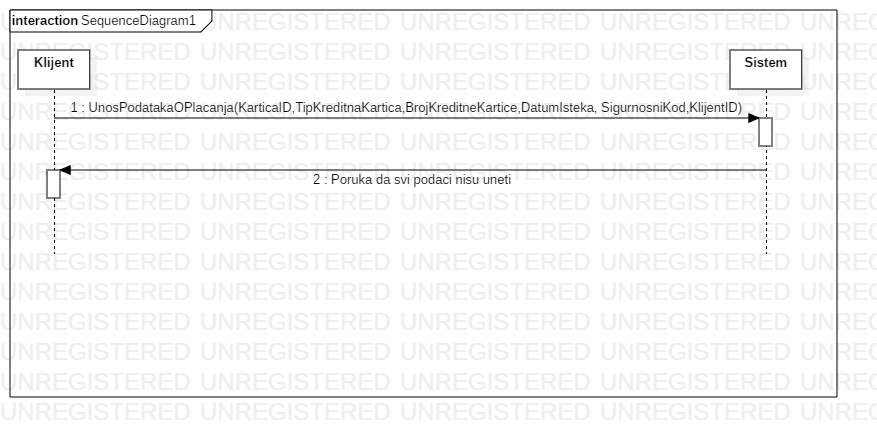
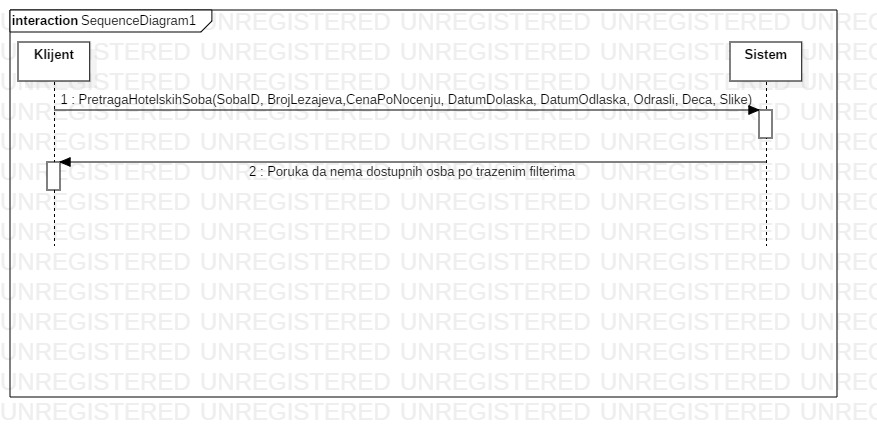
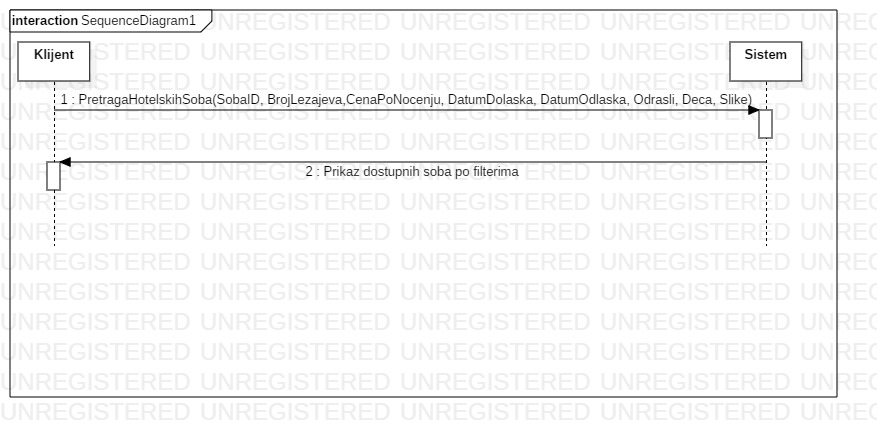
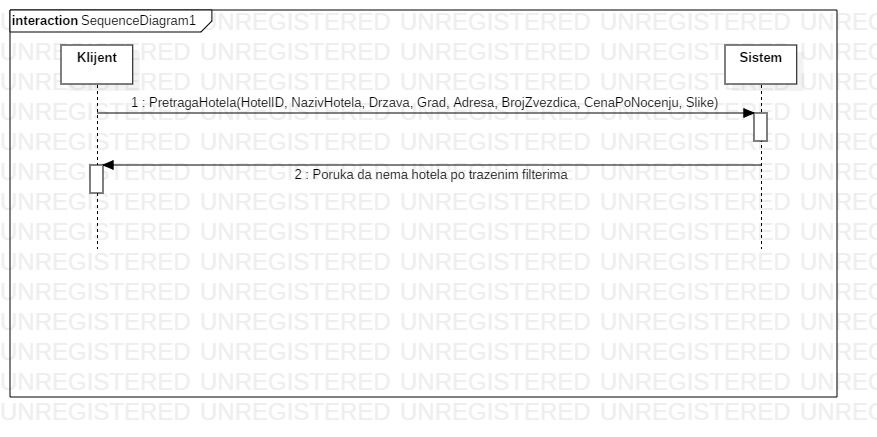
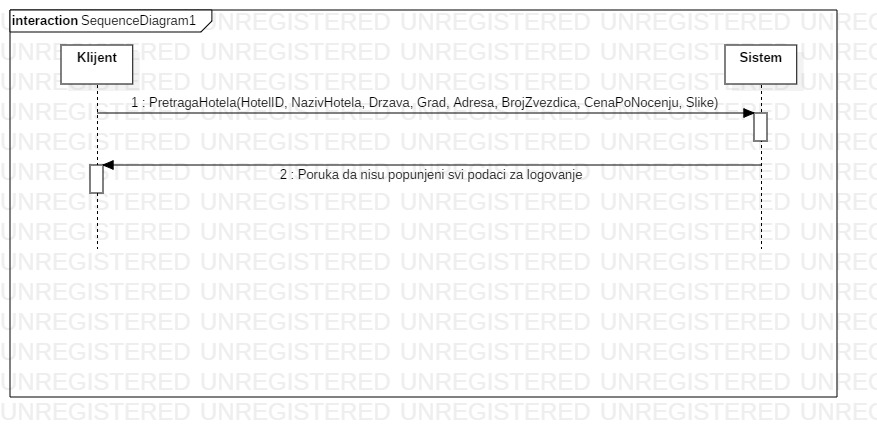
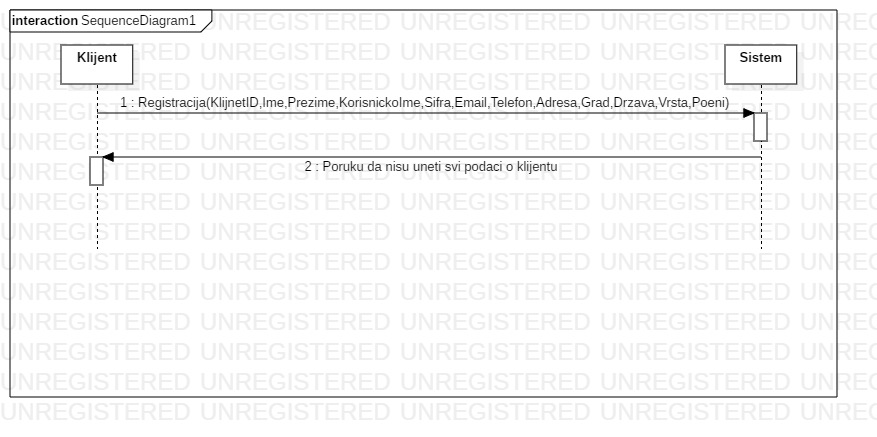
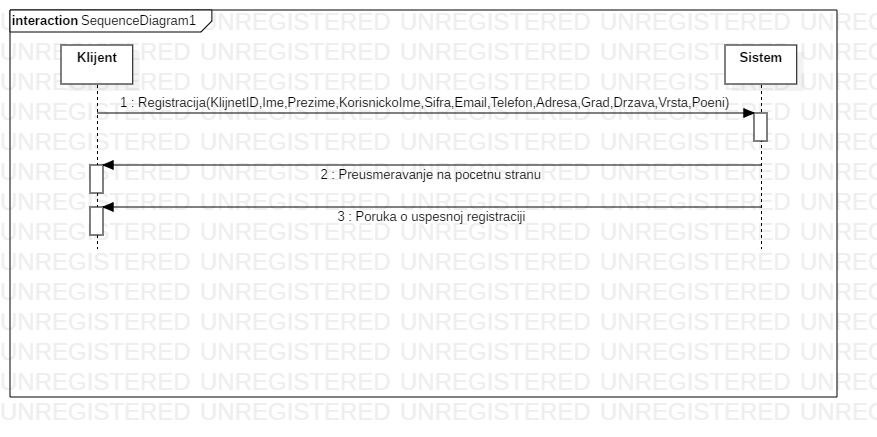
**Slika 2. Use Case Dijagram – Menadžer**

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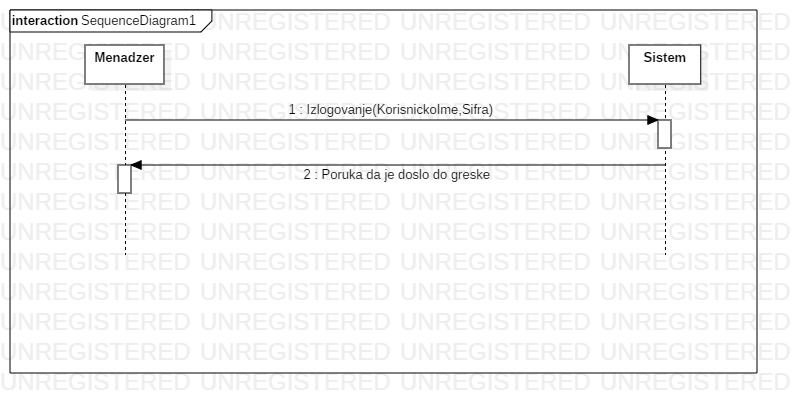
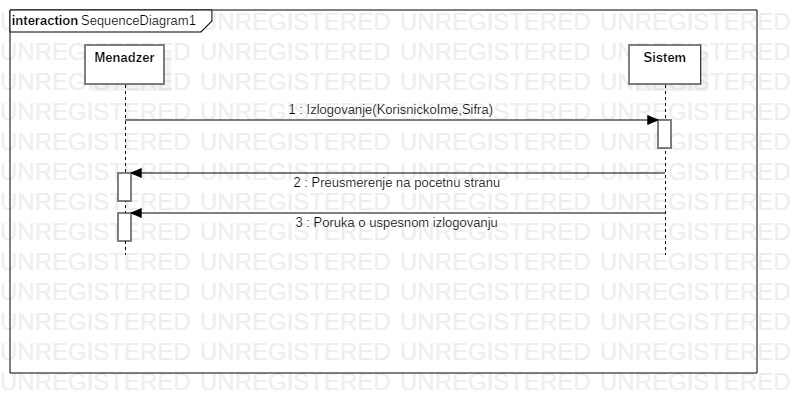
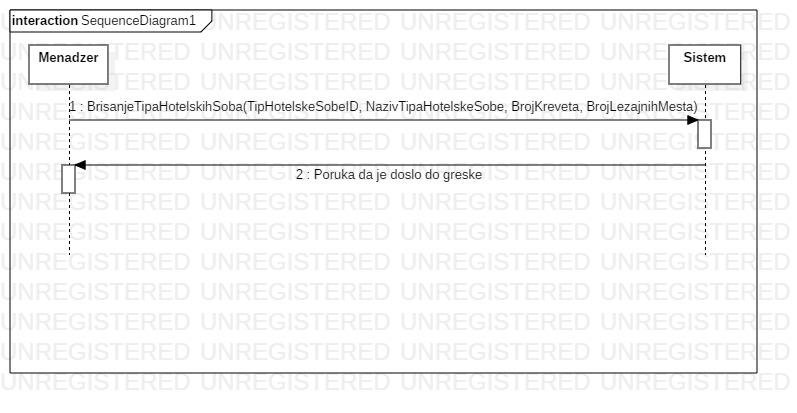
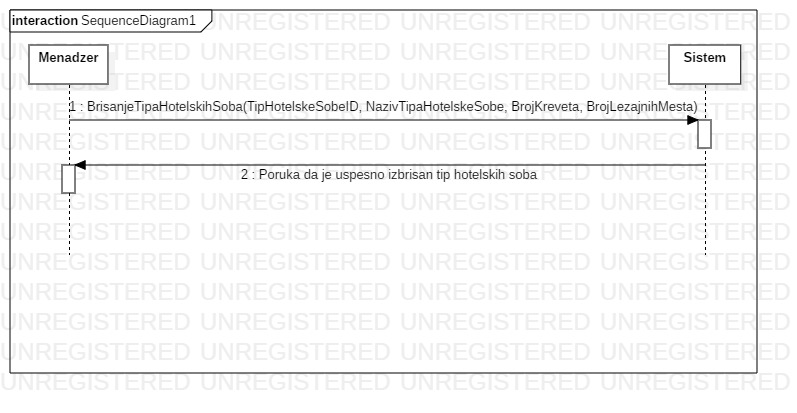
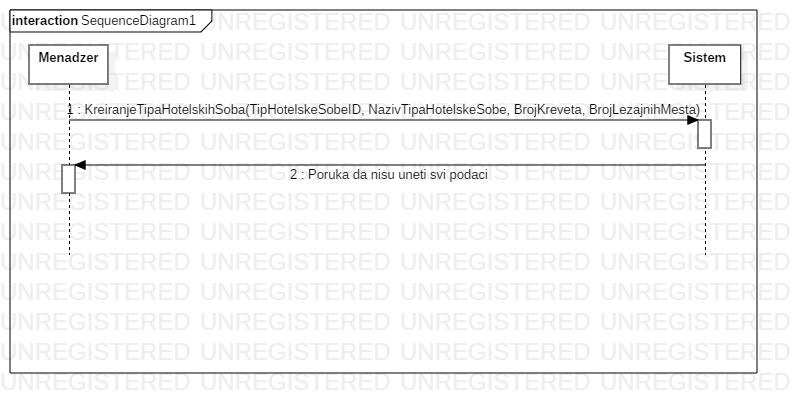
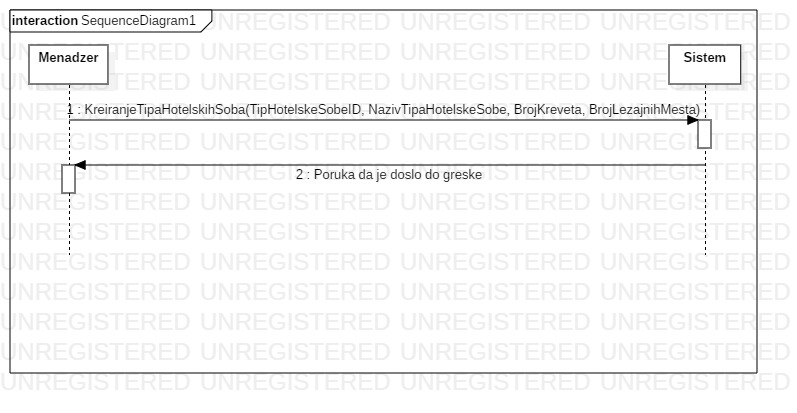
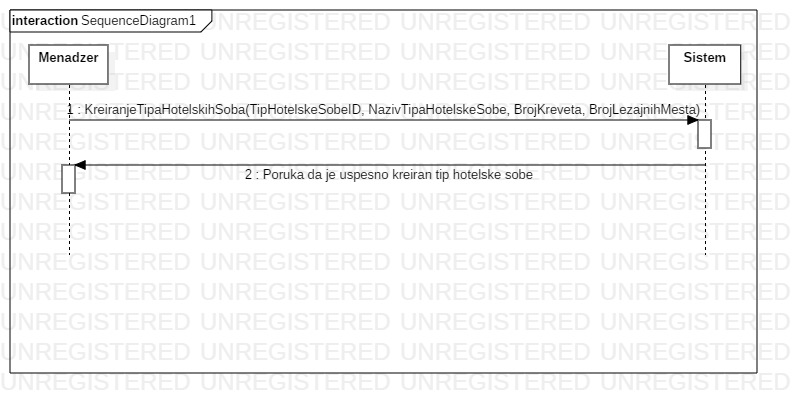
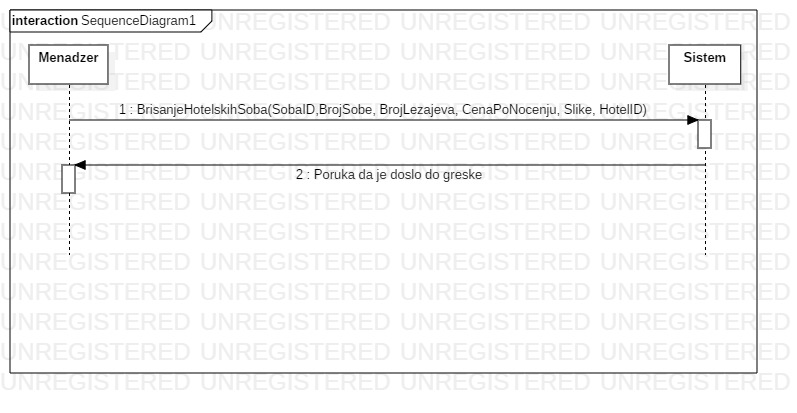
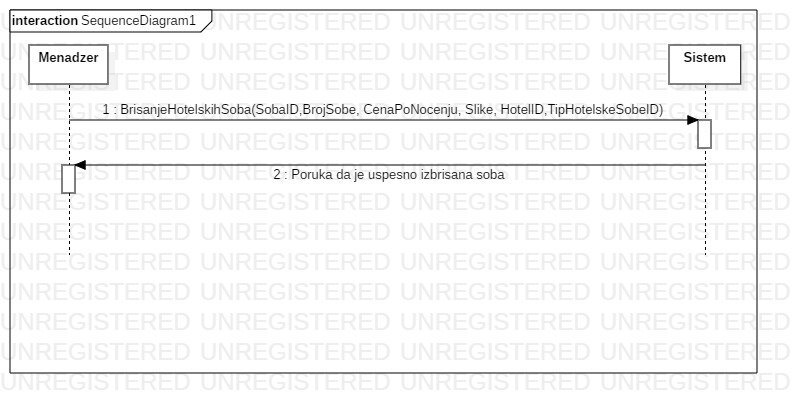
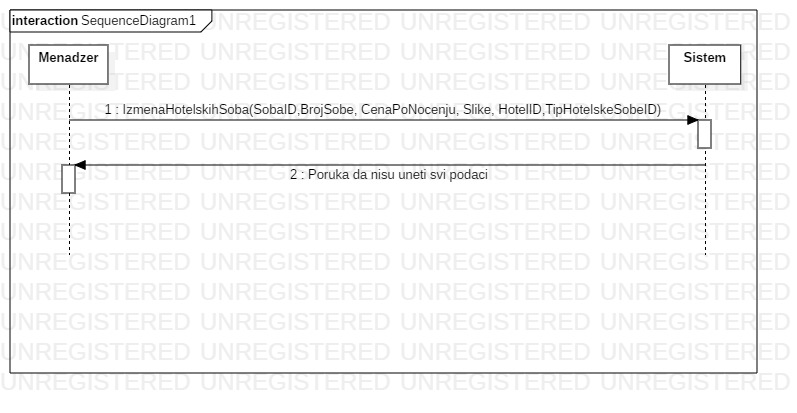
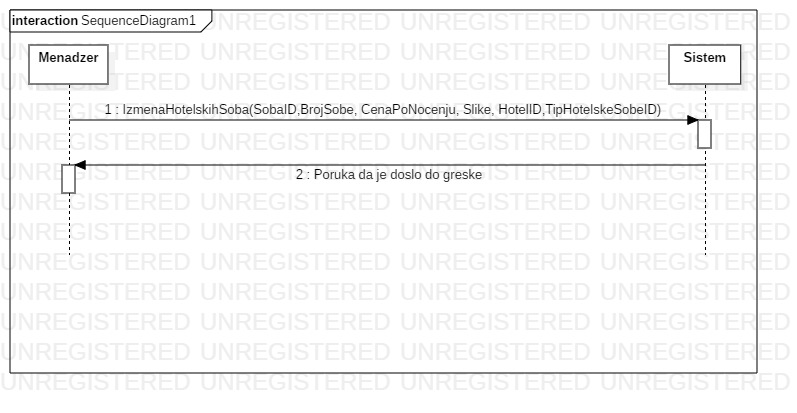
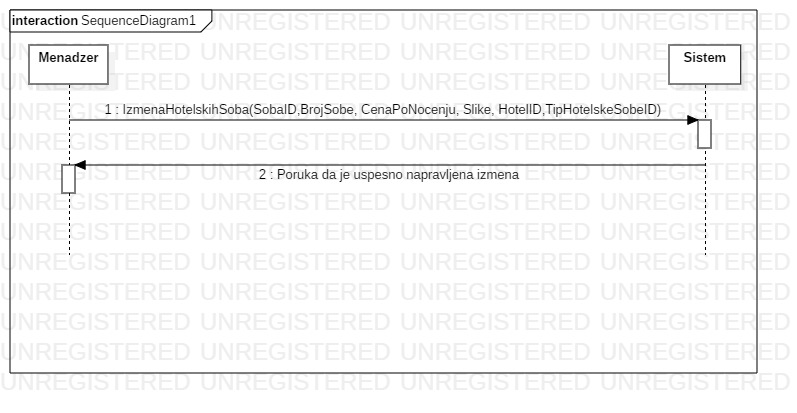
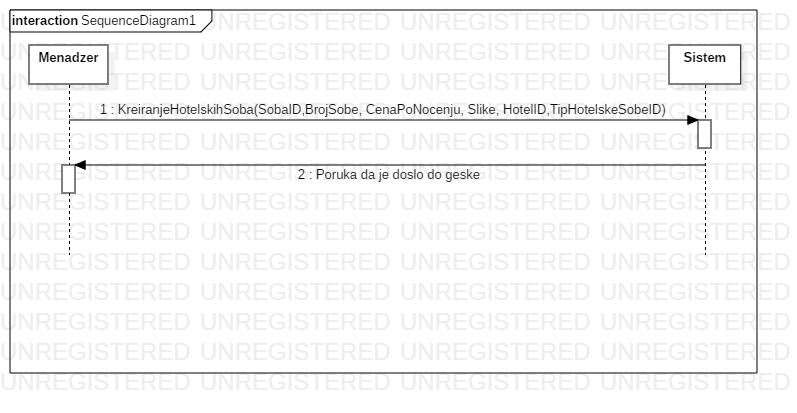
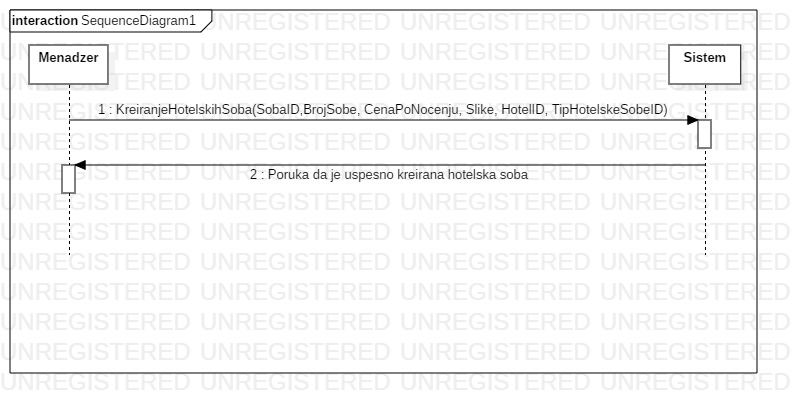
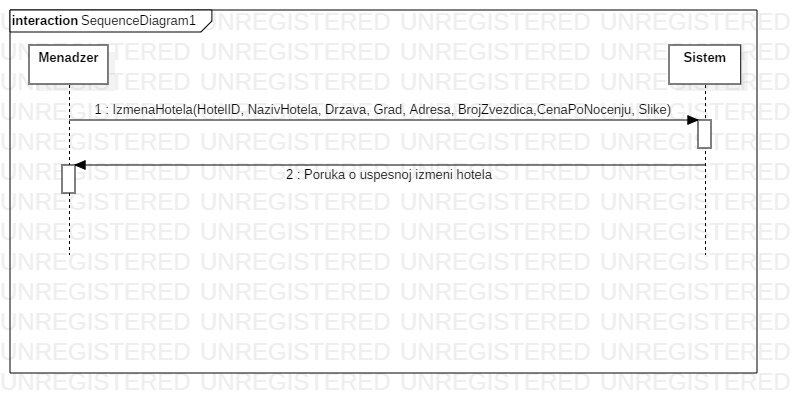
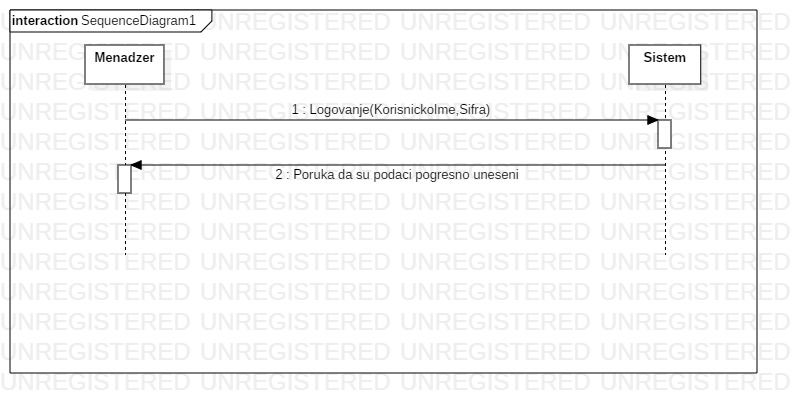
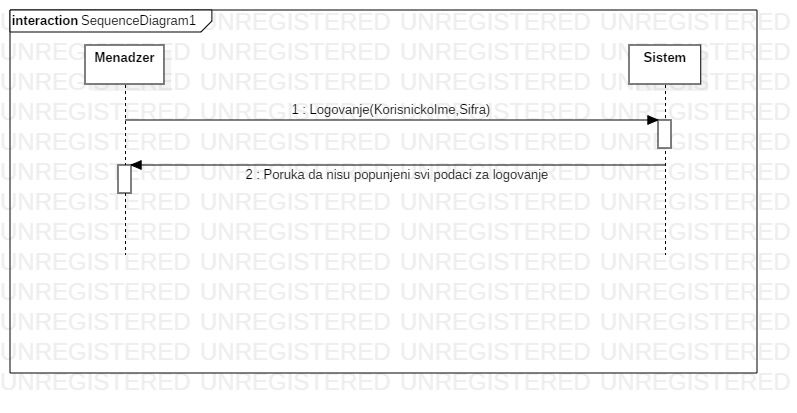
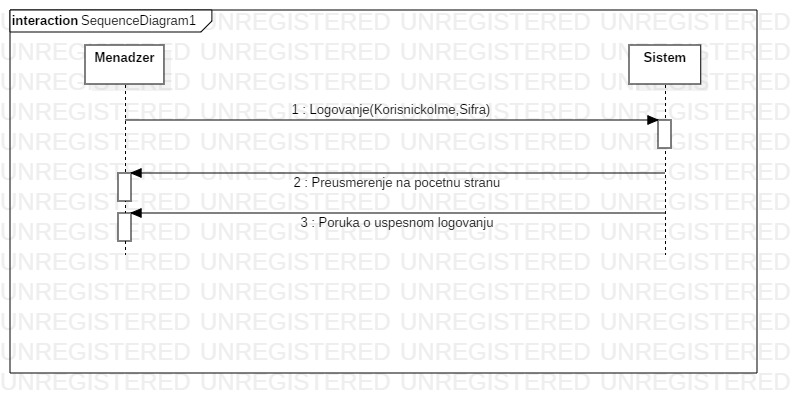
**Slika 1. Use Case Dijagram – Administrator**

## DIJAGRAM SEKVENCI

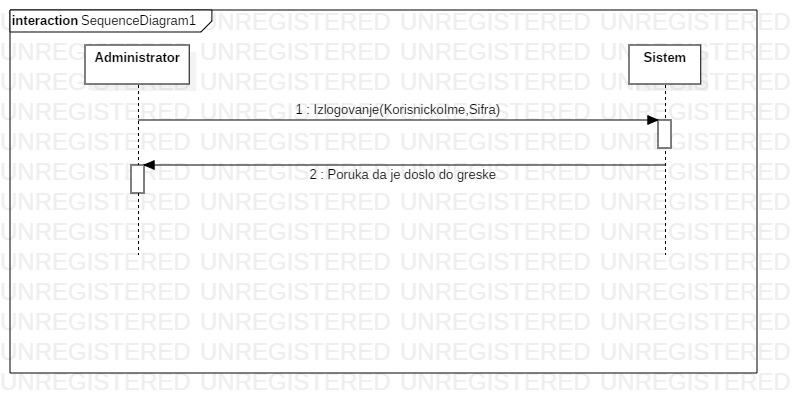
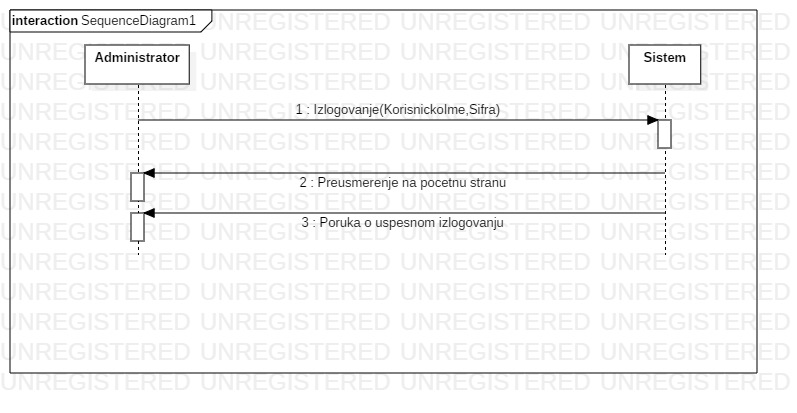
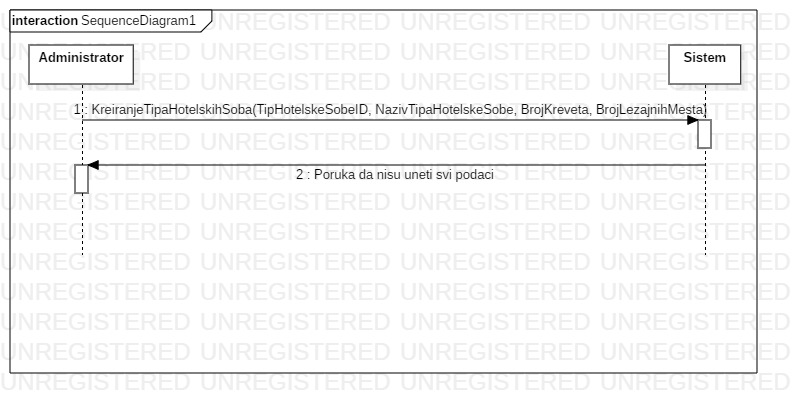
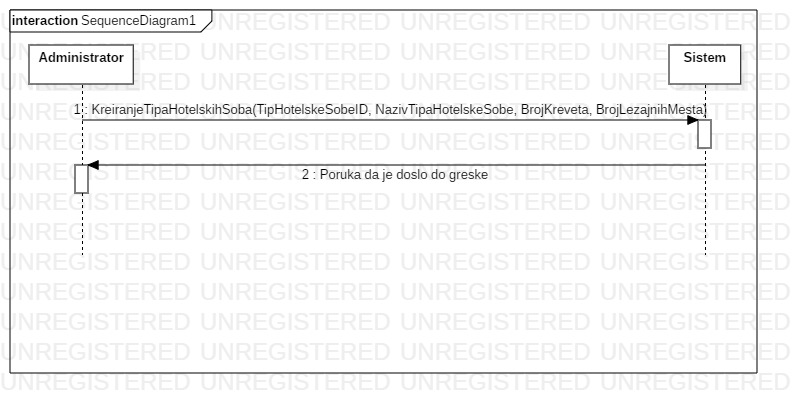
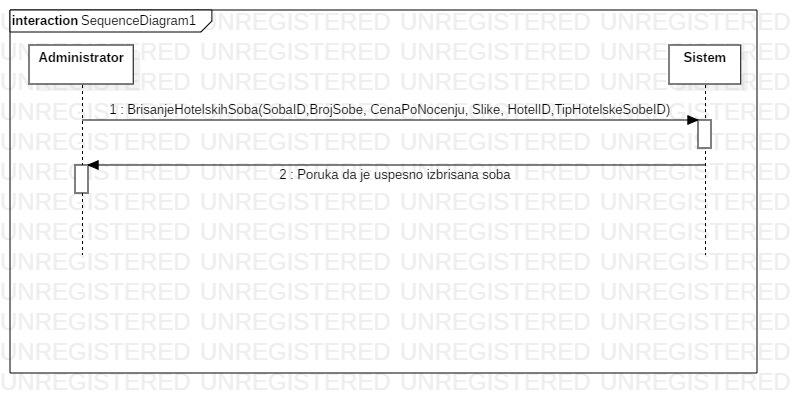
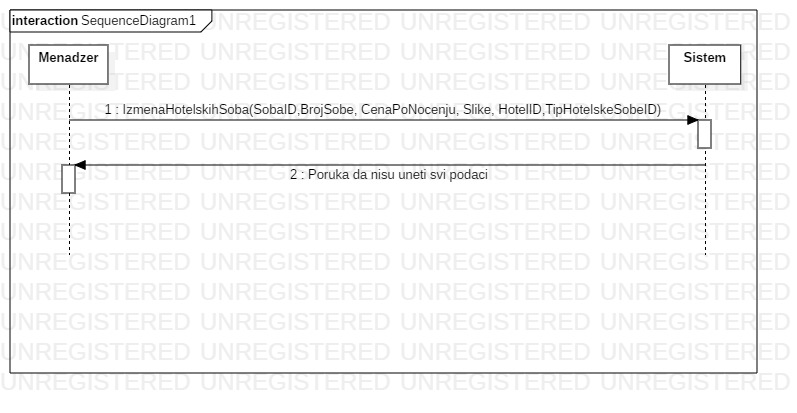
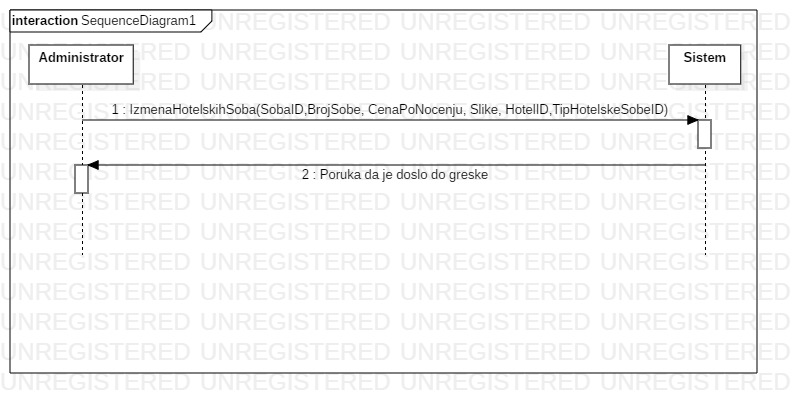
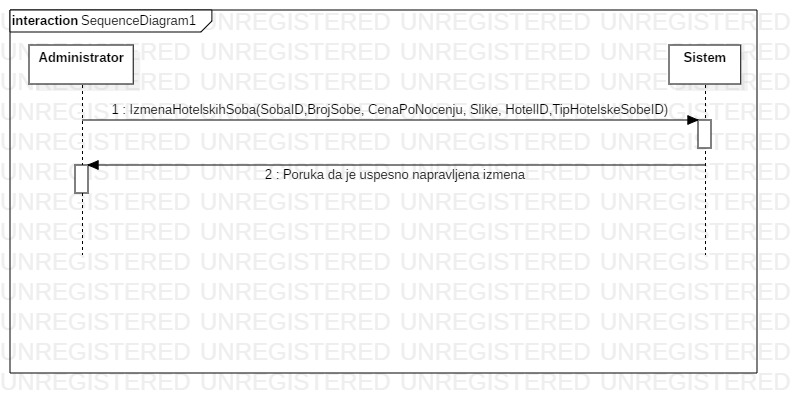
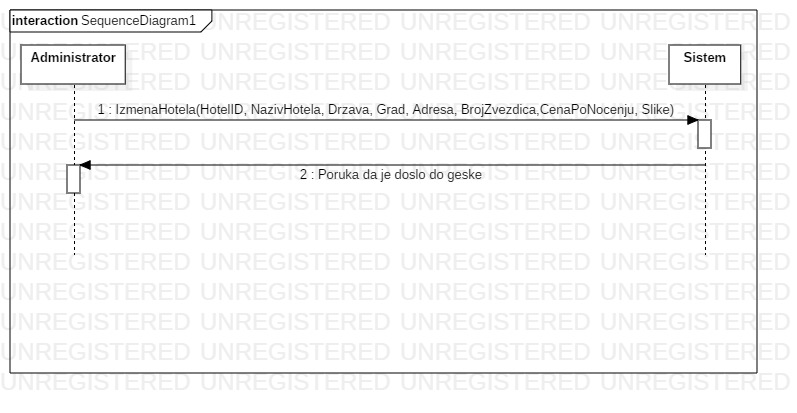
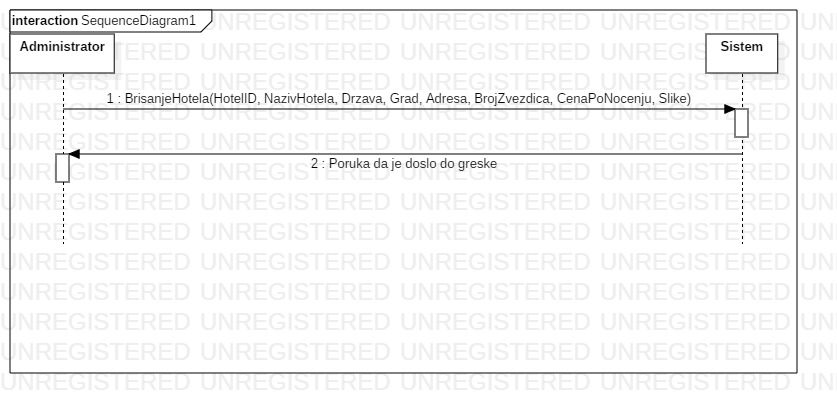
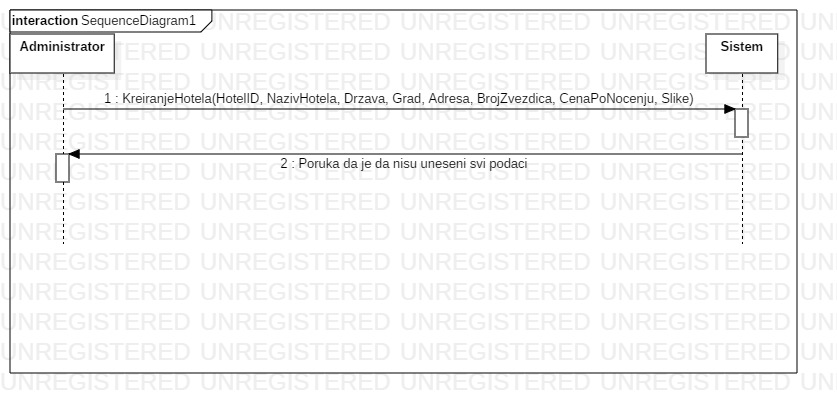
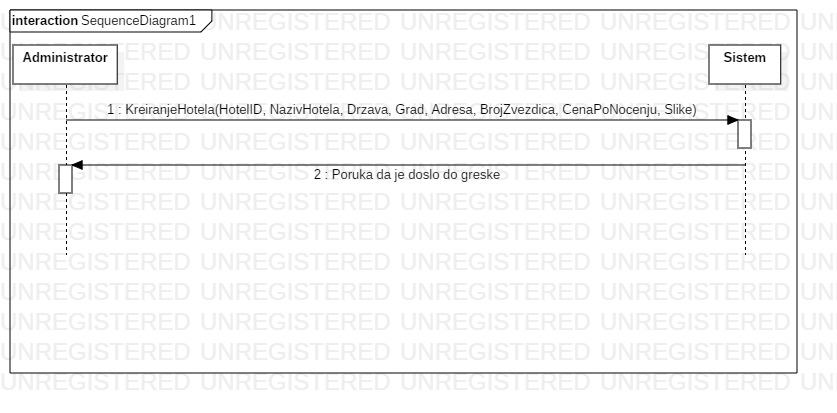
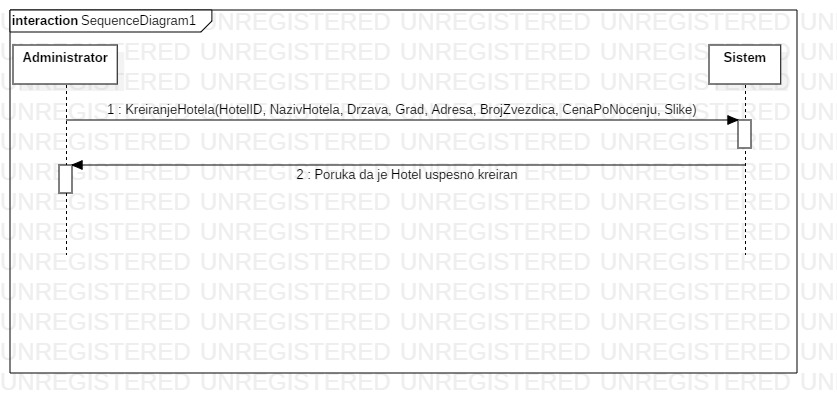
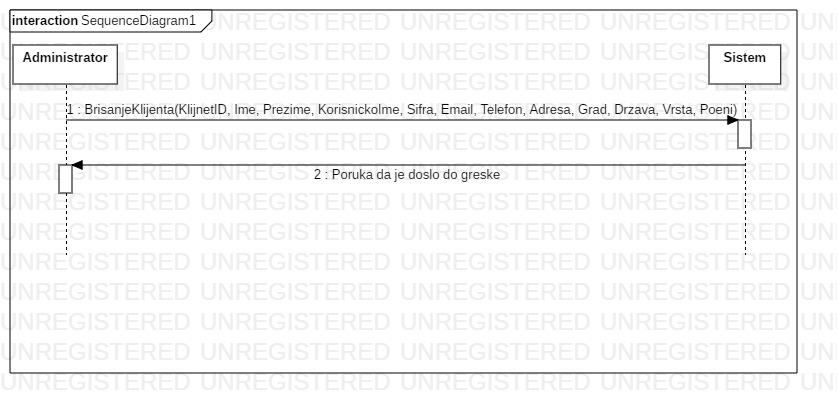
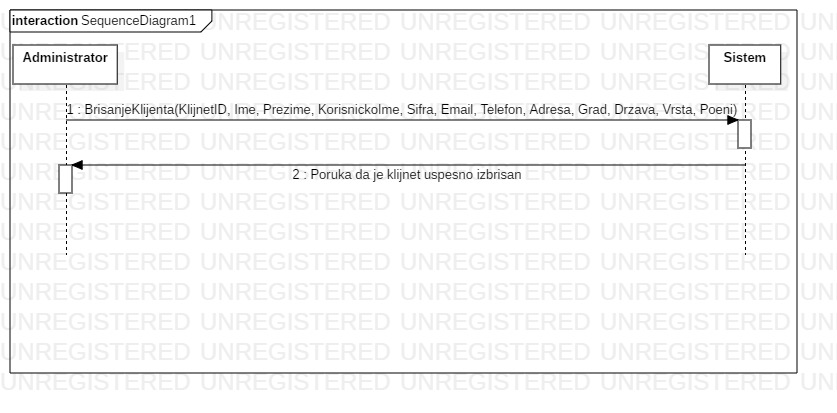
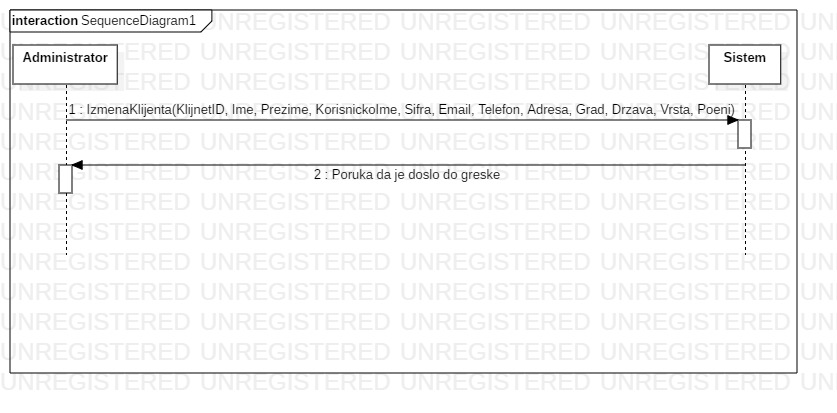
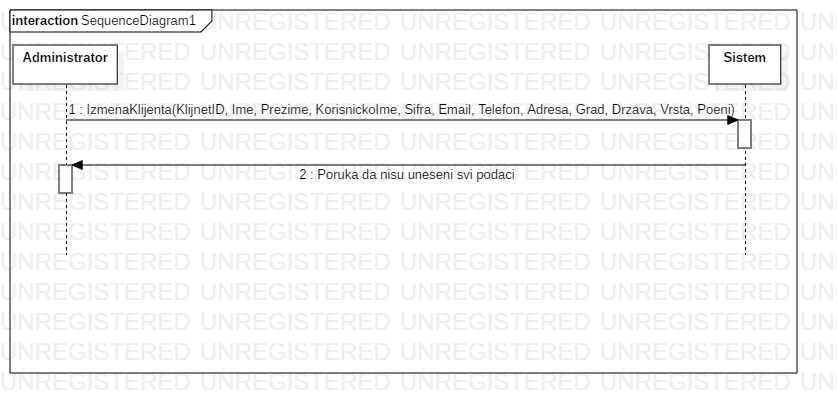
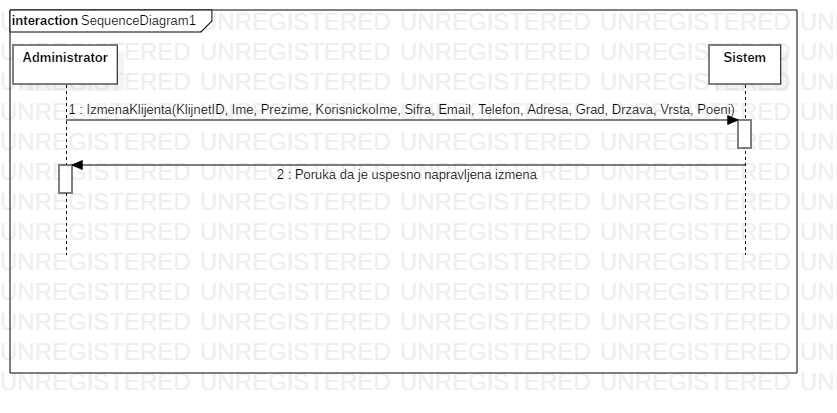
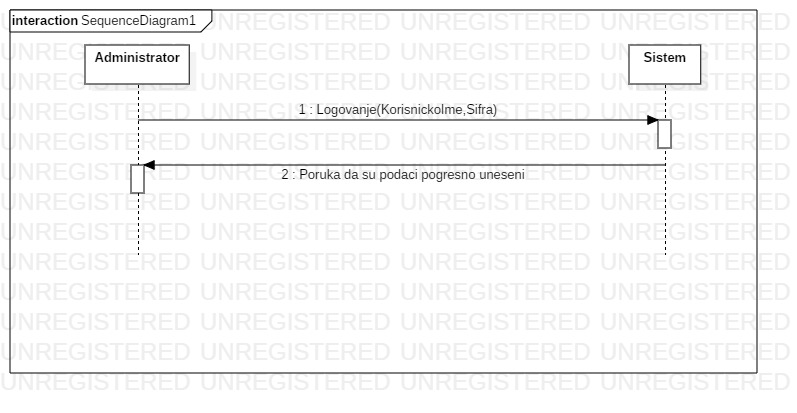
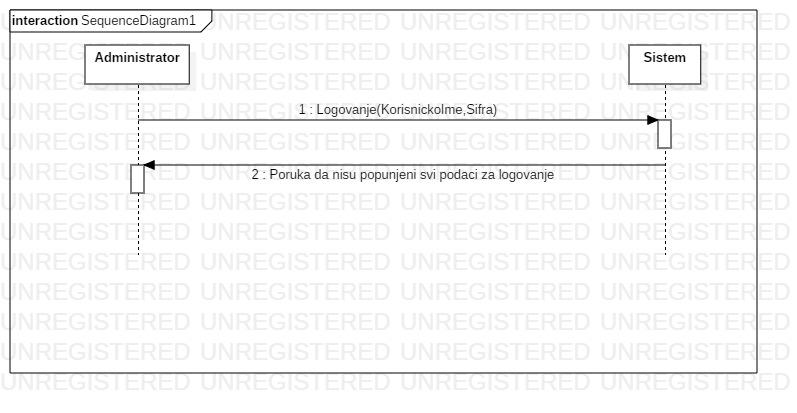
KLIJNET



MENADZER



ADMINISTRATOR



## RELACIONI MODEL

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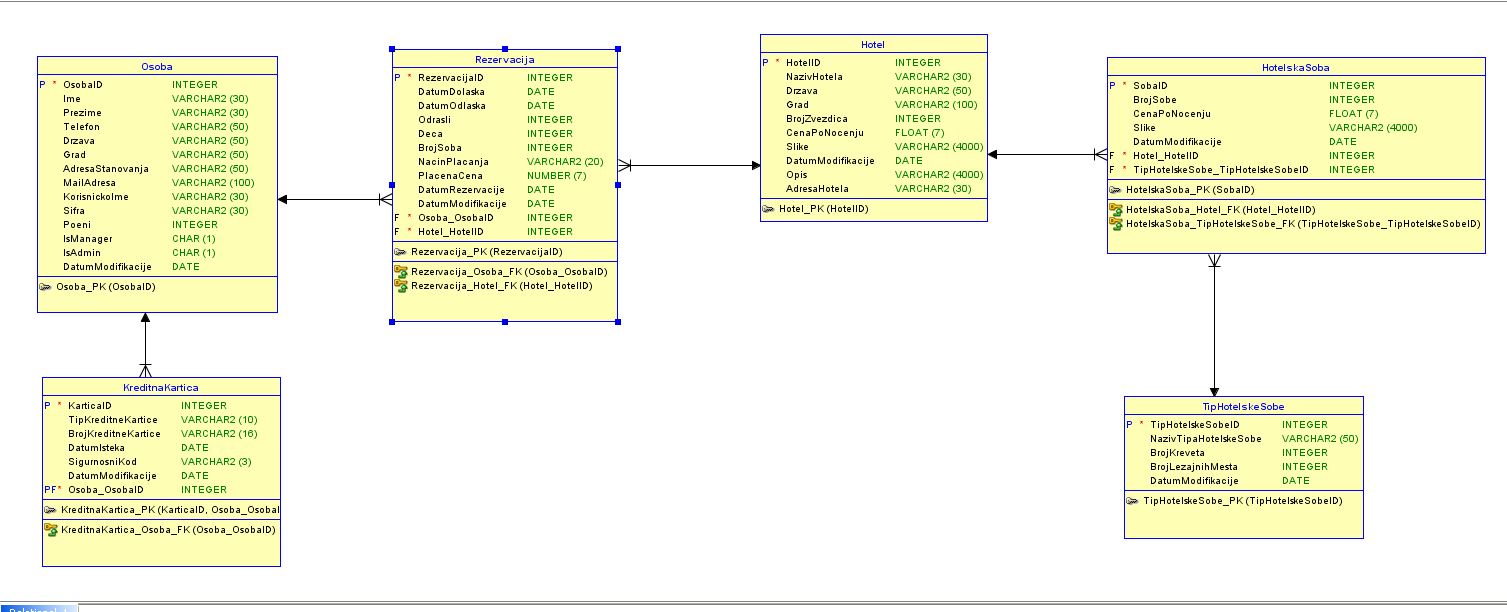
**Osoba**(OsobaID, Ime, Prezime, Telefon, Drzava, Grad, AdresaStanovanja, MailAdresa, KorisnickoIme, Sifra, Poeni, IsManager, IsAdmin, DatumModifikacije)

**Rezervacija**(RezervacijaID, DatumDolaska, DatumOdlaska, Odrasli, Deca, BrojSoba, NacinPlacanja, PlacenaCena, DatumRezervacije, DatumModifikacije)

**Hotel**(HotelID, NazivHotela, Drzava, Grad, BrojZvezdica, CenaPoNocenju, Slike, Opis, DatumModifikacije)

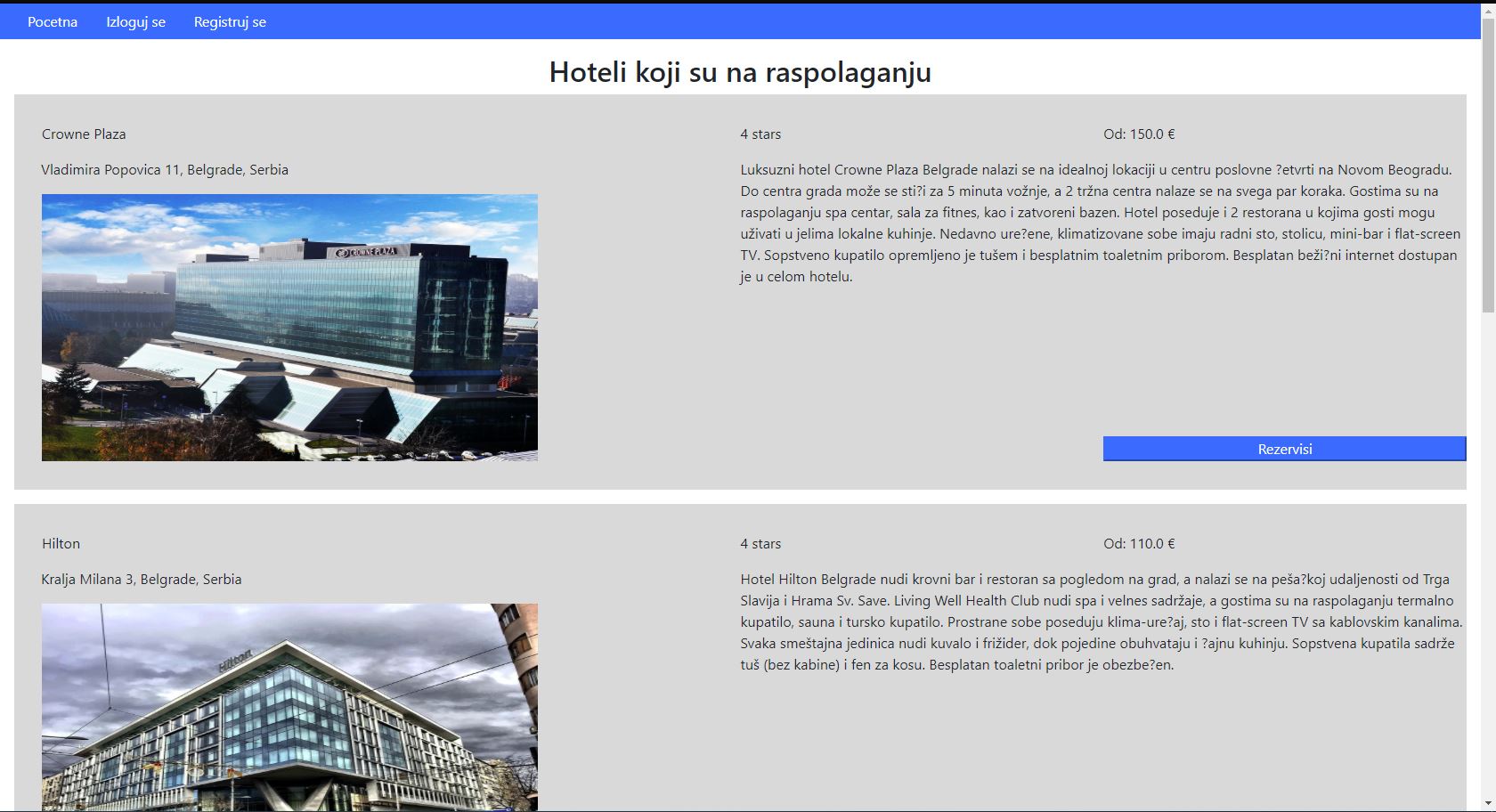
**HotelskaSoba**(SobaID, BrojSobe, CenaPoNocenju, Slike, DatumModifikacije, HotelID, TipHotelskeSobeID)

**TipHotelskeSobe**(TipHotelskeSobeID, NazivTipaHotelskeSobe, BrojKreveta, BrojLezajnihMesta, DatumMotifikacije)

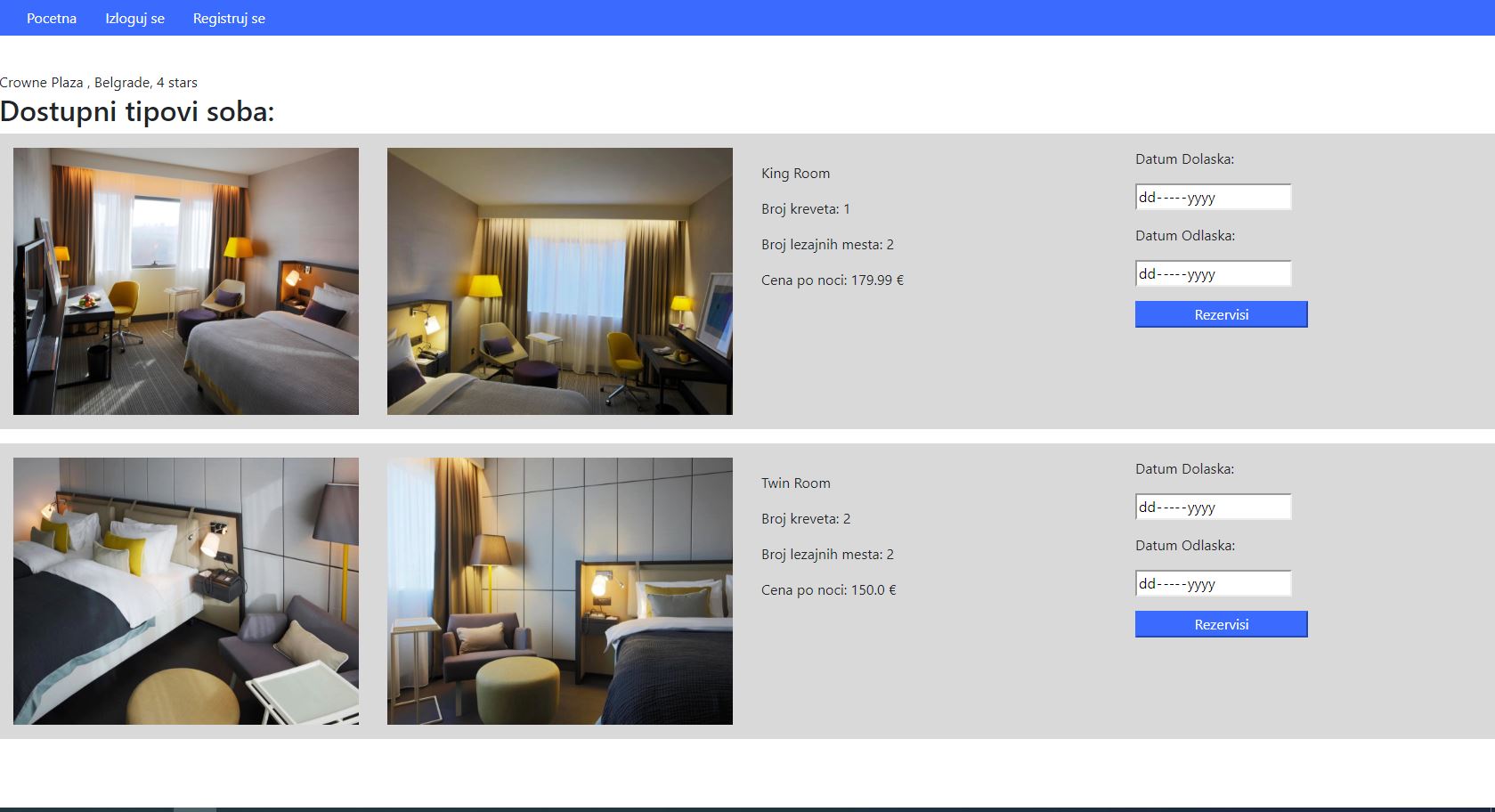


Slika baze podataka

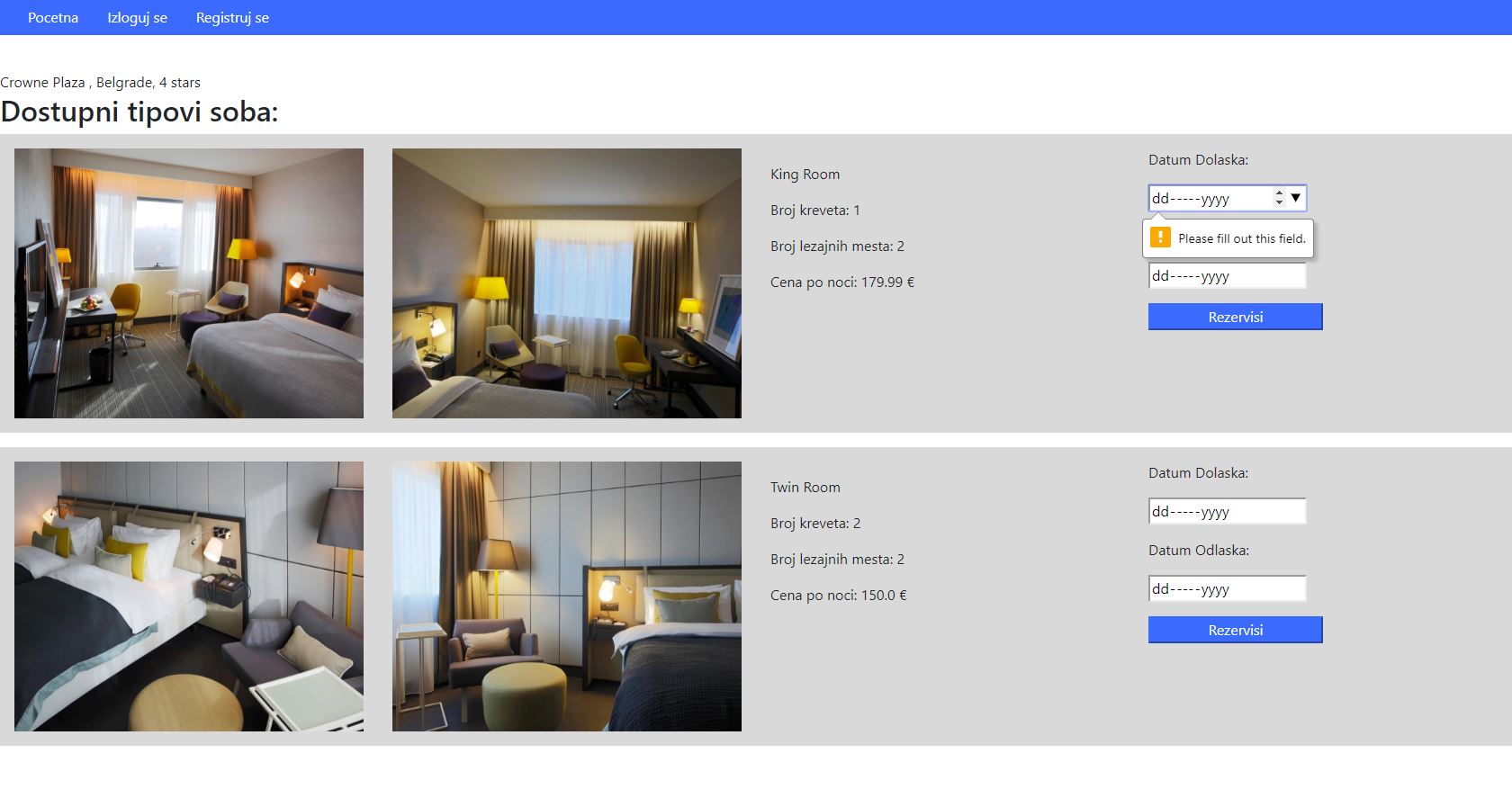
## SCREENSHOT APLIKACIJE



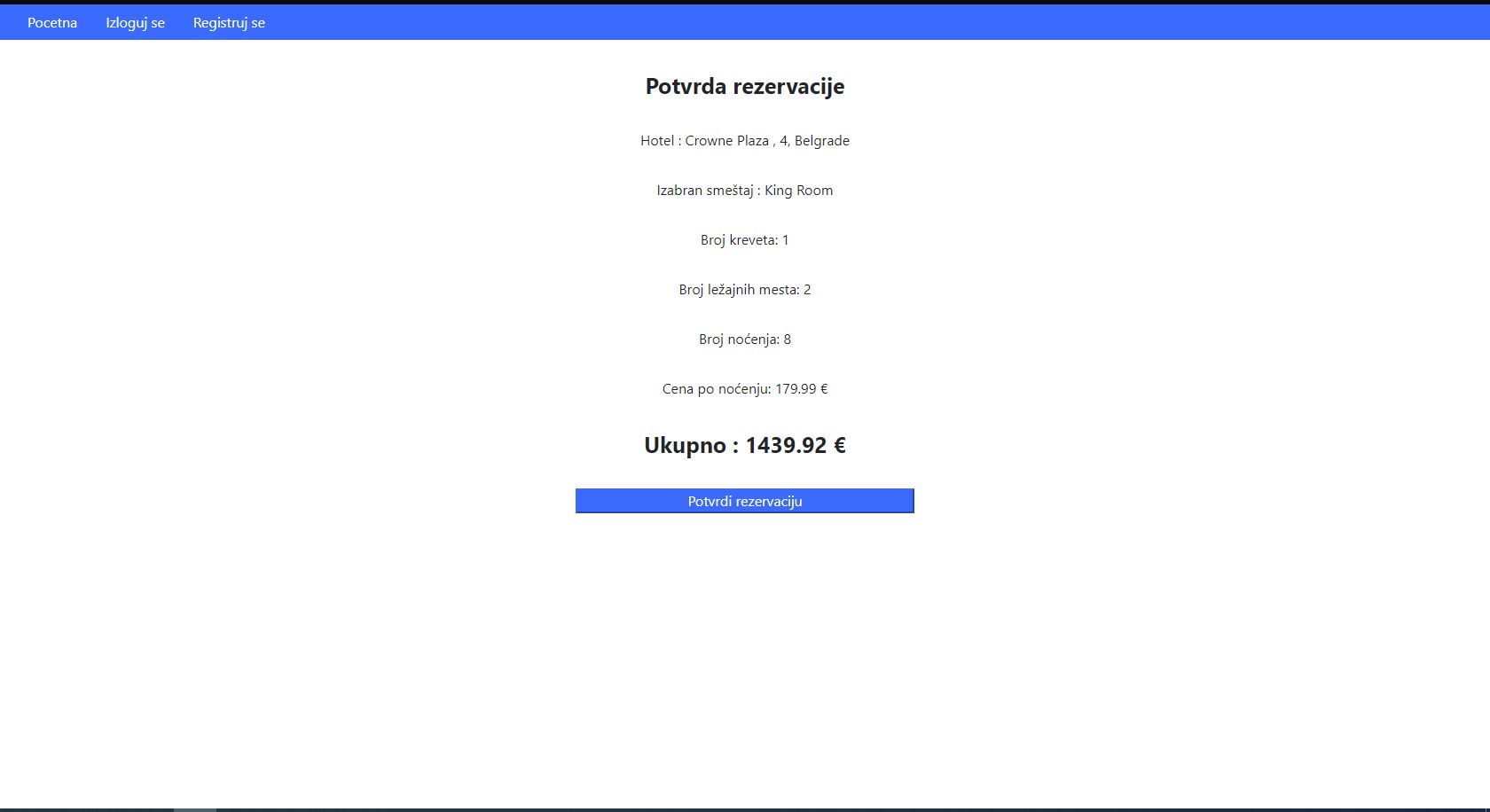
Slika 1



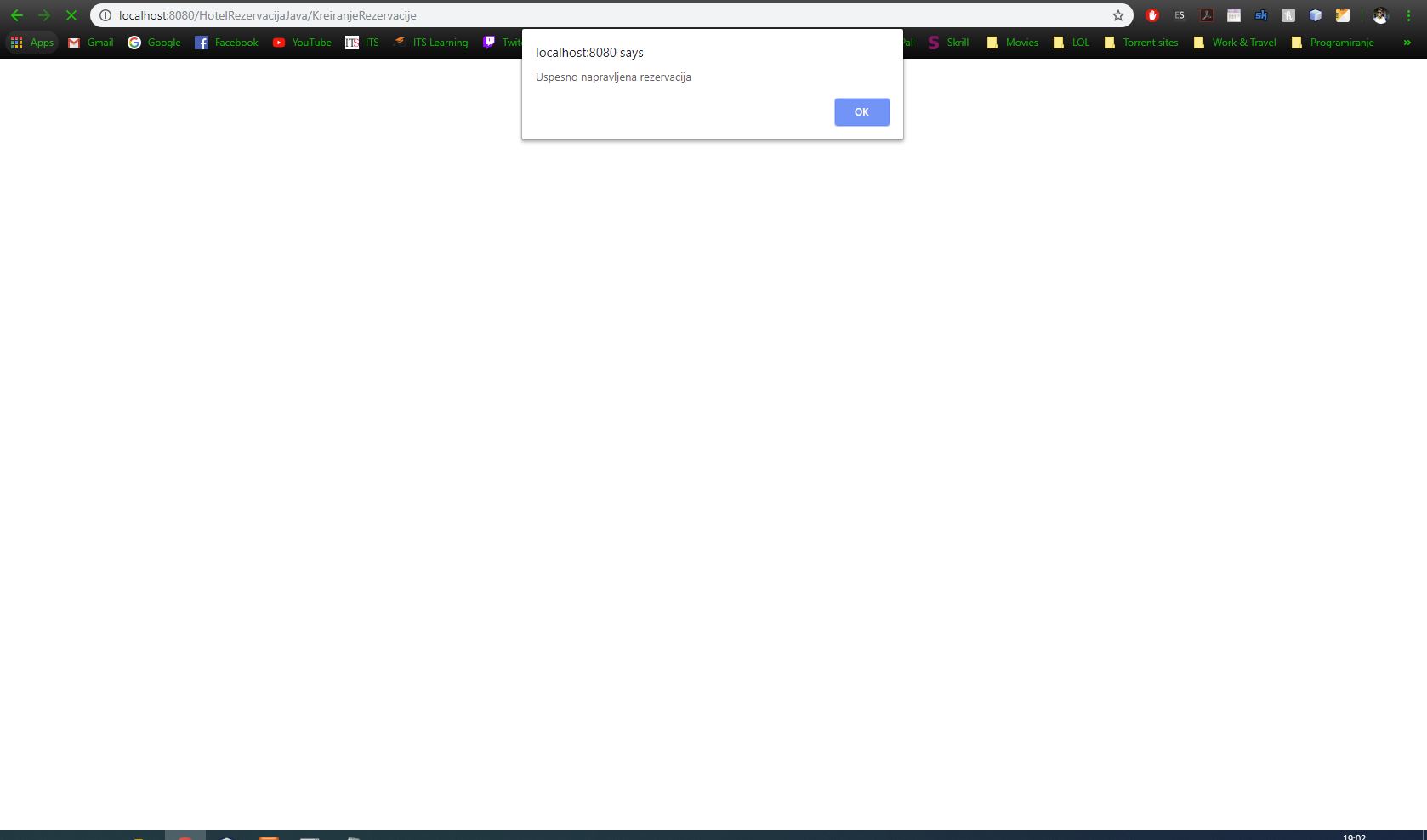
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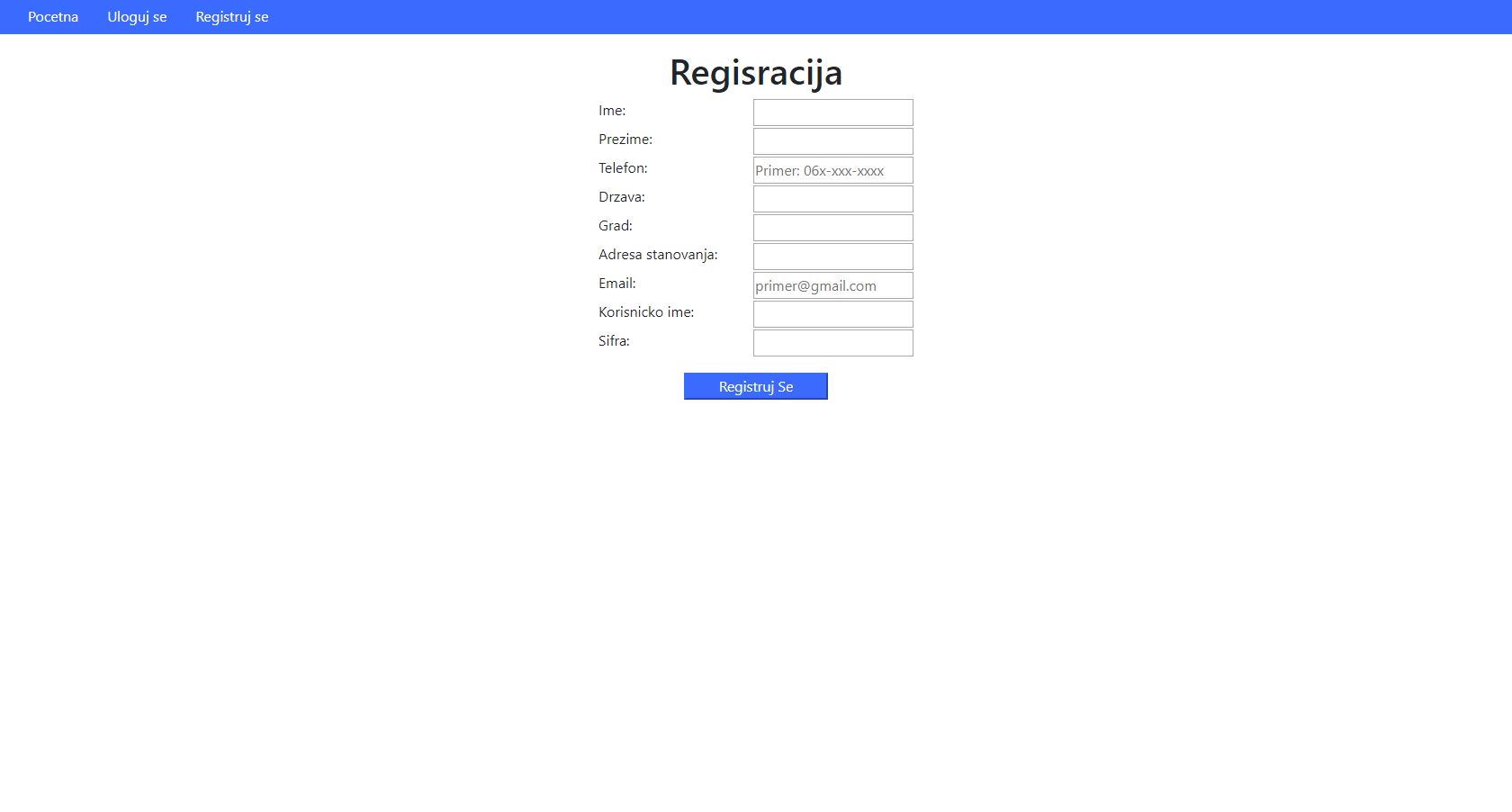
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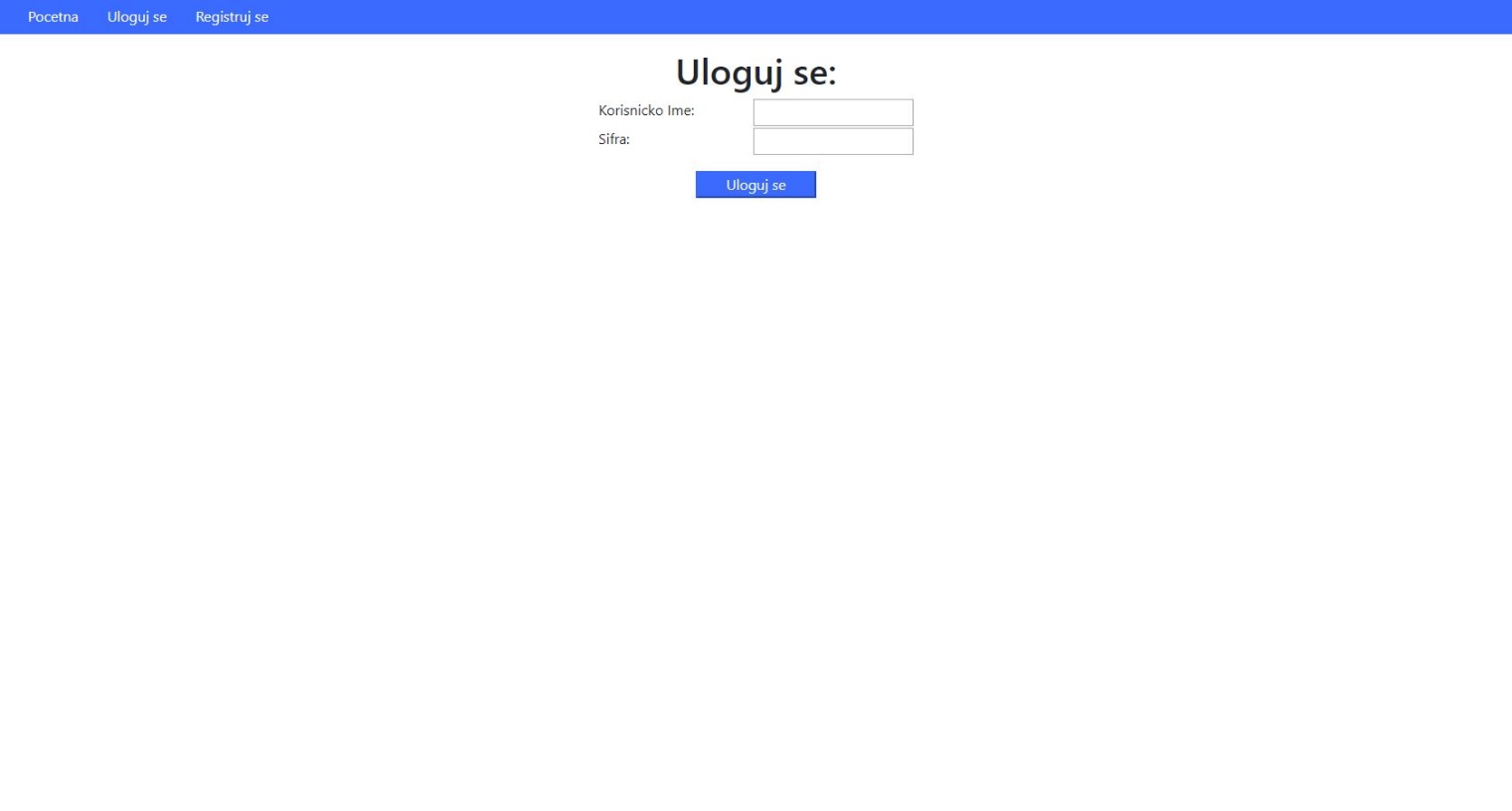
Slika 4



Slika 5



Slika 6



Slika 7



Slika 8

# ZAKLJUČAK

Ovaj projekat mi je pomogao da savladam java jezik I utvrdim znanje iz Sql-a, pri kreiranju ove aplikacije morao sam da sagledam problem I iz korisnickog ugla kako bih resio zadati problem.

# LITERATURA

[https://stackoverflow.com](https://stackoverflow.com/)

[https://www.w3schools.com](https://www.w3schools.com/)

Materijali sa predavanja I vežbi iz predmeta Internet Programerski alati