

Informacioni sistem za planinarske ture

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February 4, 2026

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Uvod

- Planinarske ture zahtevaju koordinaciju učesnika, vodiča i operatera.
- Potrebno je objediniti pretragu, rezervacije i tok ture na jednom mestu.
- Razvijen je predlog informacionog sistema za organizaciju tura.

Opis procesa

- ① Korisnik pretražuje i bira turu.
- ② Vrši rezervaciju i dobija potvrdu.
- ③ Vodič realizuje turu i komunicira sa učesnicima.
- ④ Nakon ture sledi ocenjivanje i povratne informacije.

Učesnici u sistemu

- Korisnici
- Vodiči
- Turistički operateri
- Administratori

Slučajevi upotrebe

Slučajevi upotrebe su grupisani u šest celina:

- Pretraga i pregled tura
- Nalog i registracija
- Rezervacija tura
- Upravljanje i dodela
- Pre ture
- Posle ture

Pretraga i pregled tura

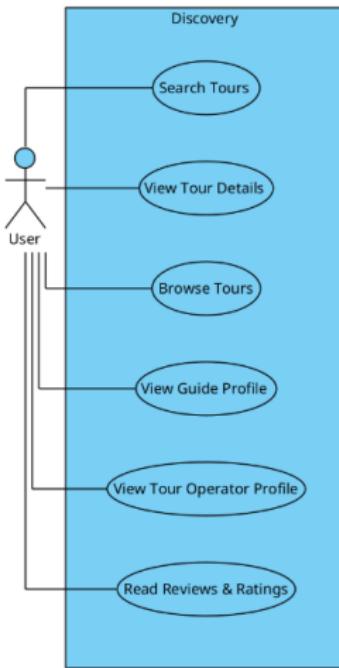


Figure: Pretraga i pregled tura

Nalog i registracija

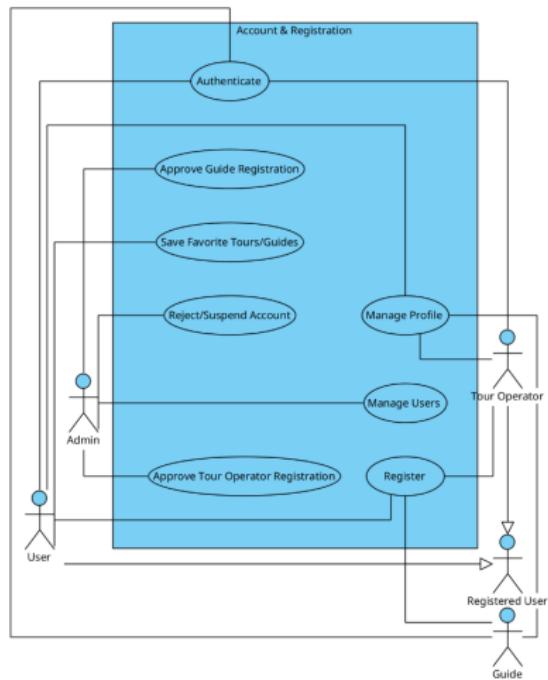


Figure: Nalog i registracija

Rezervacija tura

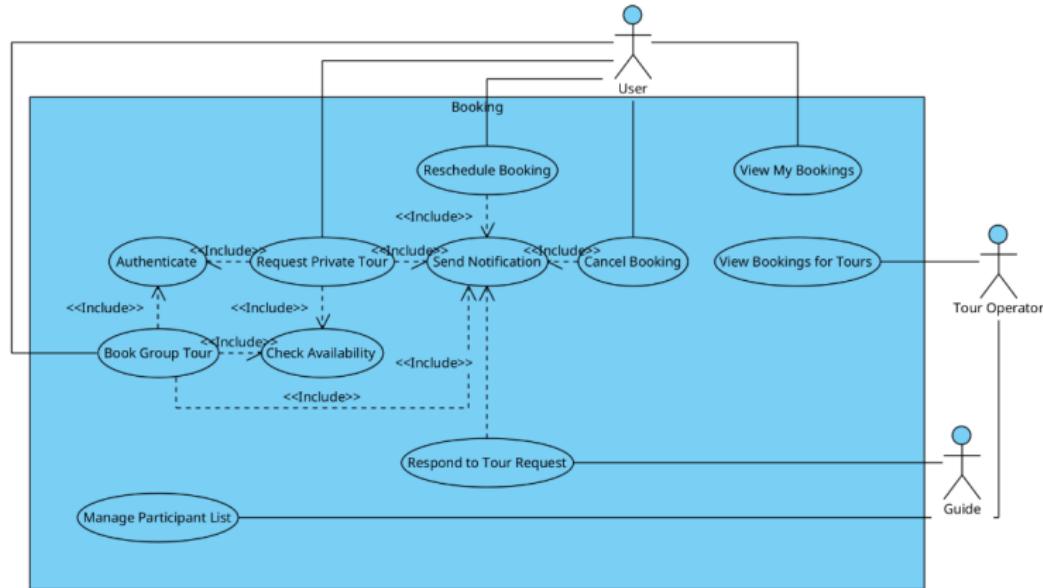


Figure: Rezervacija tura

Upravljanje i dodela

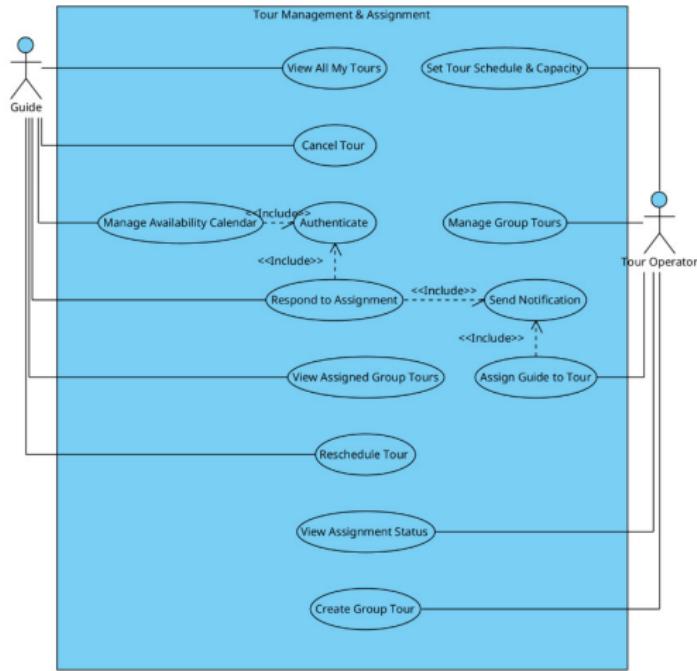


Figure: Upravljanje i dodela

Pre ture / Posle ture

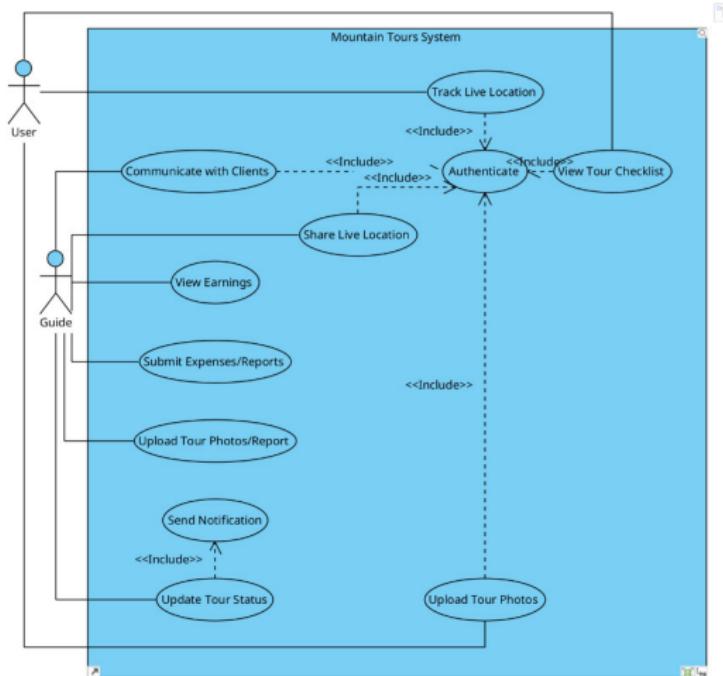


Figure: Pre ture

Pre ture / Posle ture

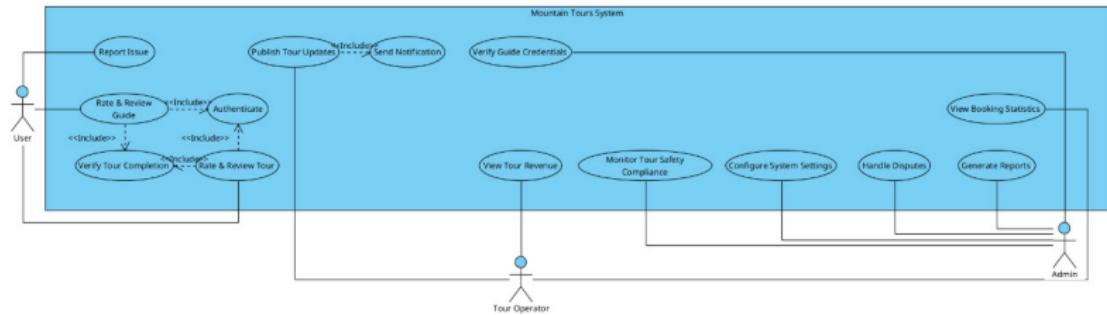


Figure: Posle ture

Model baze

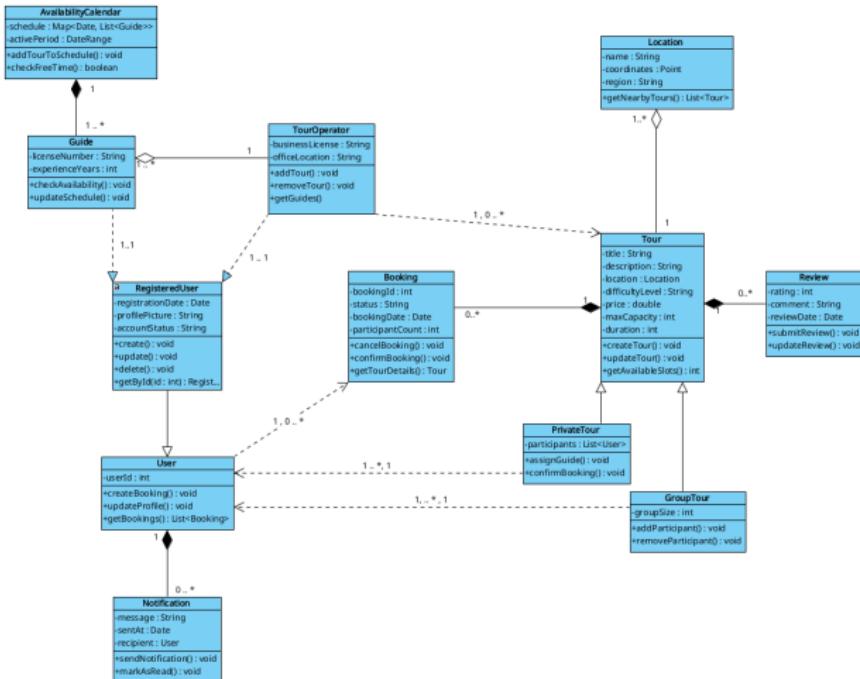


Figure: Klasni dijagram

Dijagrami sekvenci

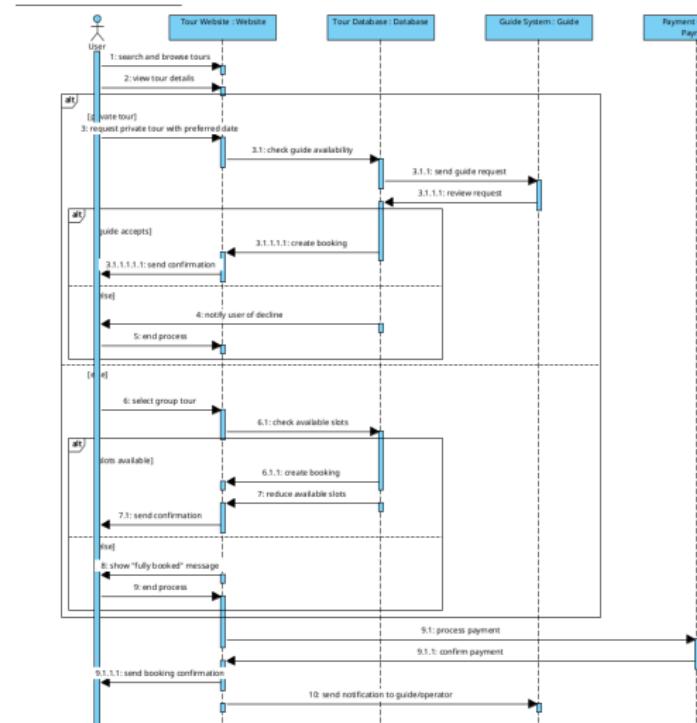


Figure: Rezervacija ture

DFD

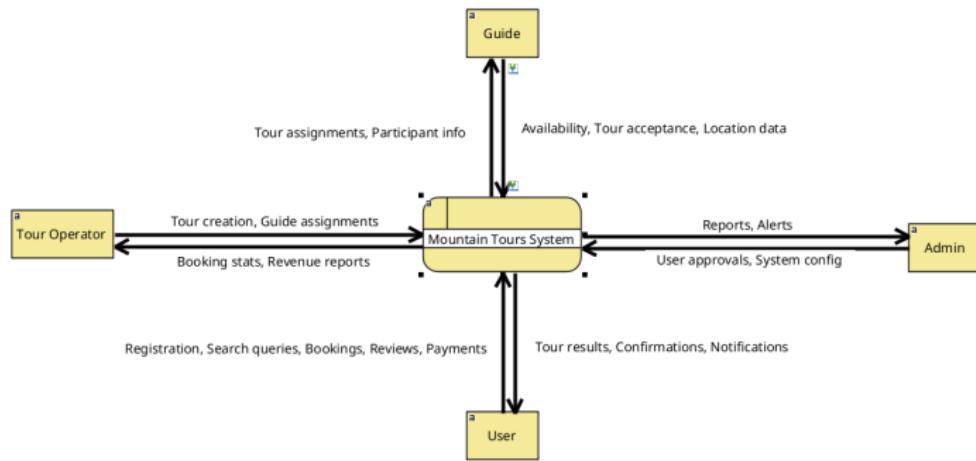


Figure: DFD nivo 0

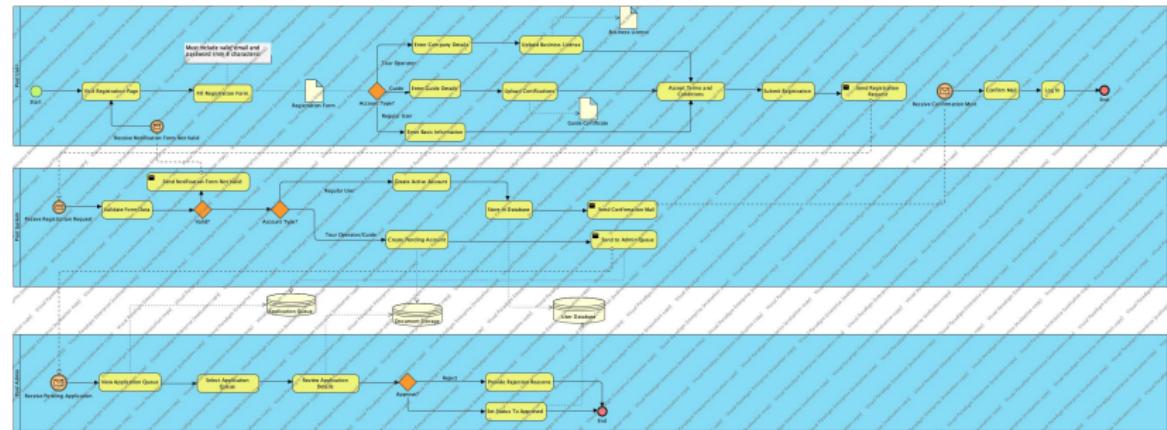


Figure: Registracija korisnika

Predlog arhitekture

- Veb aplikacija sa jasnom podelom slojeva.
- Jednostranična veb aplikacija + serverski servis sa programskim interfejsom + relaciona baza.
- Autentifikacija i notifikacije kao prateći servisi.

Skice interfejsa

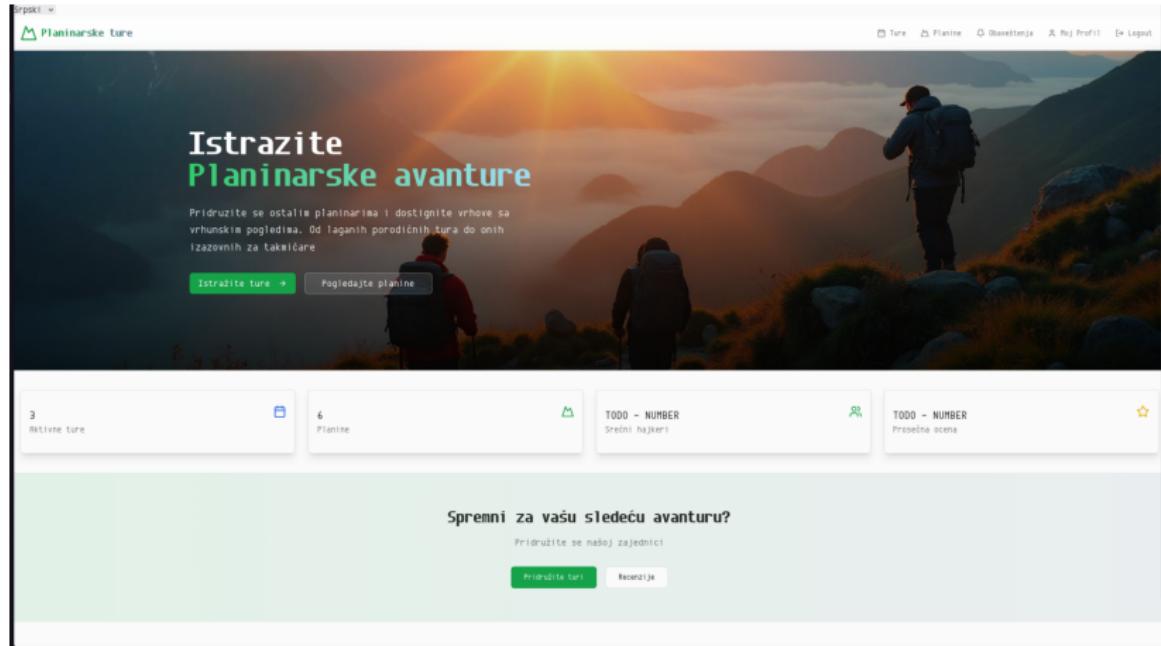


Figure: Početna strana

Skice interfejsa

The screenshot displays a web-based application for managing outdoor tours. At the top, there's a navigation bar with links for 'Ispitki', 'Planinarske ture' (selected), 'Turisticki vodi', 'Naravni rezervati', 'O nama', 'Naj Profil', and 'Logout'. Below the navigation, a green header bar says 'Ture' and 'Otkrijte vrhunske ture i pridružite se ostalim ljubiteljima hika-a'.

The main content area shows a search bar with placeholder text 'Pretražite ture ili planine ...' and a dropdown menu labeled 'Izaberi status'. There are nine tour cards arranged in a grid:

- test** (Status: PENDING)
Test
Feb 1, 2025, 08:00 AM
[Pridružite turu](#)
- test1** (Status: COMPLETED)
test1
andada
Apr 21, 2025, 11:02 AM
[Pridružite turu](#)
- test** (Status: PENDING)
test
323
Sun, Dec 31, 2025, 08:31 PM
[Pridružite turu](#)
- Kopanik** (Status: PENDING)
Test
Feb 13, 2025, 09:13 PM
[Pridružite turu](#)
- Kopanik Winter Adventure** (Status: COMPLETED)
Kopanik Winter Adventure
Experience the beauty of Kopaonik in winter. This tour includes hiking through snow-covered peaks and enjoying the stunning mountain scenery.
Dec 15, 2025, 09:00 AM
[Pridružite turu](#)
- Kopanik Spring Hiking** (Status: PENDING)
Kopanik Spring Hiking
Join us for a refreshing spring hike on Kopaonik. Perfect weather for exploring the mountain trails and observing wildlife.
Apr 28, 2025, 08:00 AM
[Pridružite turu](#)
- Kopanik Peak Challenge** (Status: PENDING)
Kopanik Peak Challenge
Challenge yourself with a climb to the highest peak of Kopaonik. This advanced tour is for experienced hikers only.
Jan 18, 2025, 07:00 AM
[Pridružite turu](#)
- Zlatibor Family Trek** (Status: COMPLETED)
Zlatibor Family Trek
A gentle family-friendly tour through the beautiful landscapes of Zlatibor. Suitable for all ages and experience levels.
May 1, 2025, 10:00 AM
[Pridružite turu](#)
- Zlatibor Meadow Explorer** (Status: PENDING)
Zlatibor Meadow Explorer
Explore the stunning meadows and traditional villages of Zlatibor. Includes local cuisine tasting.
Jul 15, 2025, 09:30 AM
[Pridružite turu](#)

Figure: Lista tura

Zaključak

- Definisane ključne funkcionalnosti sistema.
- Prikazani modeli, dijagrami i skice interfejsa.
- Predložen smer daljeg razvoja.

Dalji razvoj

- Integracija plaćanja.
- Mobilna aplikacija.
- Napredne preporuke i analitika.

Hvala na pažnji!