

BAZE PODATAKA

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izadjimo.ba

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VEZA: projekat web programiranje *izadjimo.ba*

Tim:

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I. Cilj projekta

Ovaj projekat se direktno veže na projekat koji radimo iz predmeta web programiranje, web stranicu izadjimo.ba. Baza iz ovog projekta predstavlja bazu podataka date web stranice.

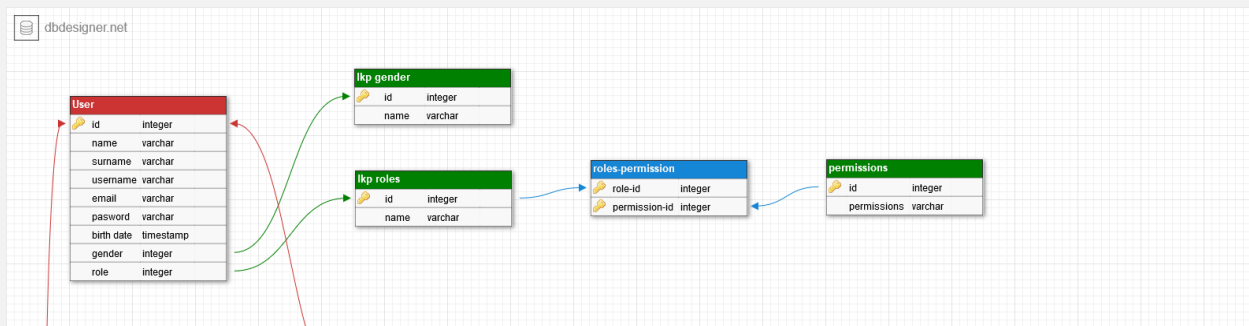
Cilj je napraviti bazu podataka svih izlaznih mjesta na osnovu unesenih karakteristika gdje su glavne karakteristike brza pretraga baze i automatizovan unos podataka na osnovu unesenih parametara za određeni tip unosa sa stranice. Atributi baze će biti generalno intuitivno vezani za opise mjesta koja će predstavljati osnovu drugog projekta iz web programiranja.

II. Dizajn baze

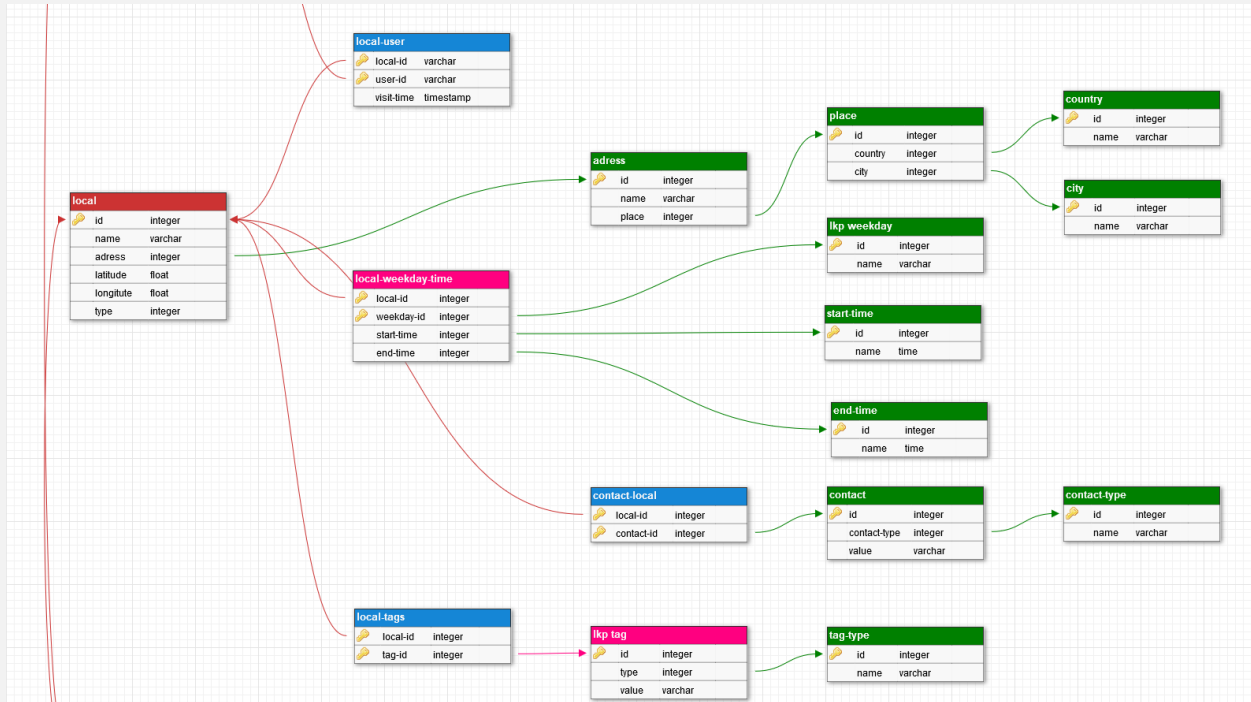
- Kompletna shema dizajna baze

Šema baze se sastoji od tri glavne tabele (user management, local, review) i ostalih tabela koje su direktno vezane za jednu ili više glavnih tabela.

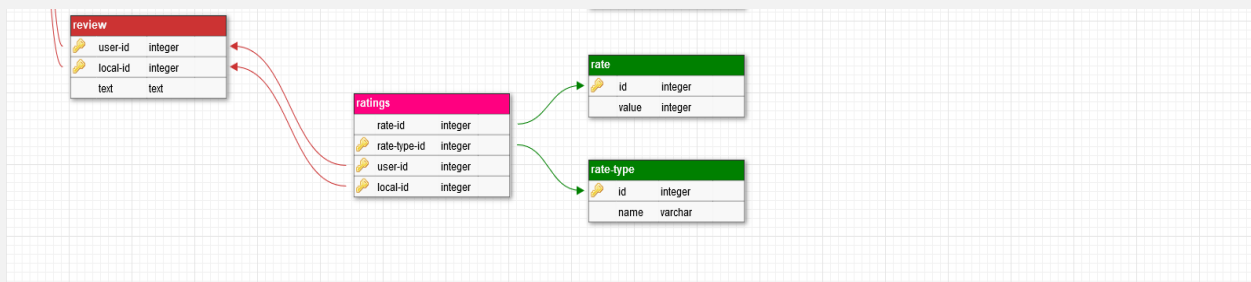
- Tabela user ima sljedeće attribute: id, ime, prezime, korisničko ime, email, password, datum rođenja, spol i role.



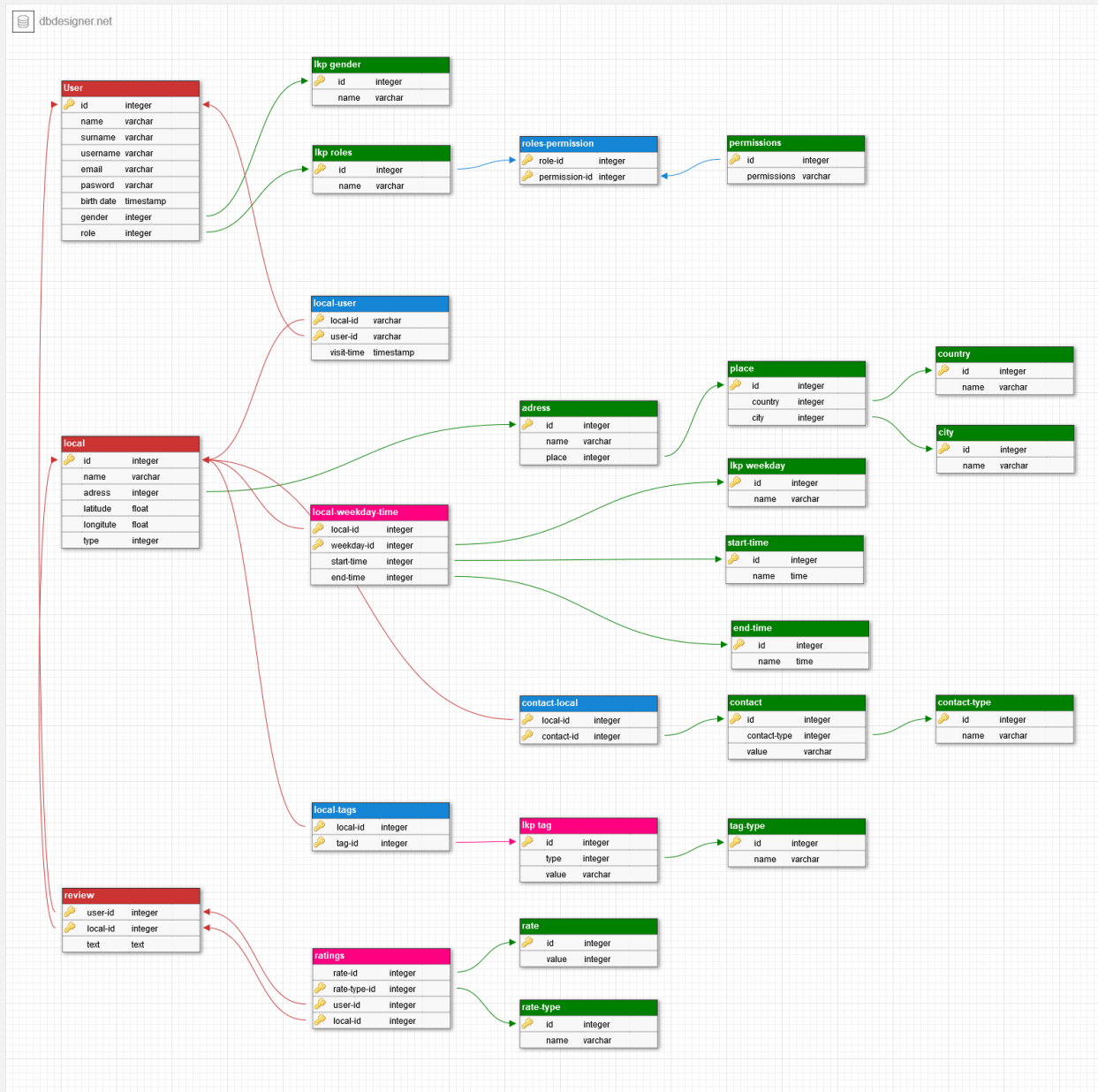
- o Tabela local (izlazno mjesto) ima attribute: id, naziv, adresa, geografska širina i dužina (da bi se mogao predstaviti na google maps), radno vrijeme (za koje imamo nekoliko dodatnih tabela) i tip (npr. restoran, kafić, pivnica...).



- o Review ima attribute: tekst (kratak opis locala od strane admina), user-id, local-id i ocjena (za koju imamo nekoliko dodatnih tabela) gdje će za jedno izlazno mjesto jedan user moći dati samo jednu ocjenu. U nastavku možete vidjeti kako izgleda shema ovog dijela baze da bi vam bilo malo jasnije gore napisano



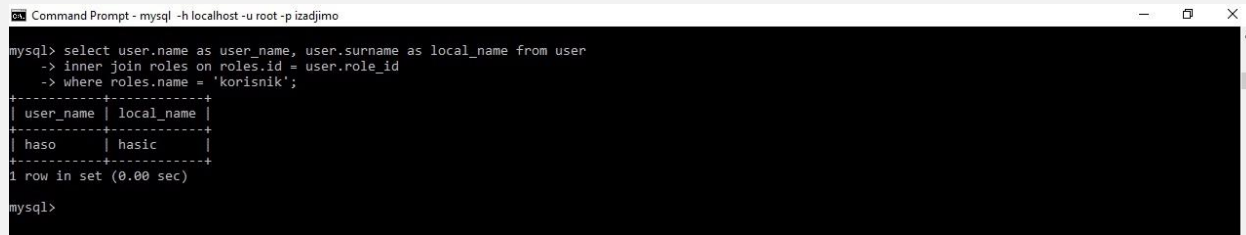
I na kraju prikaz sheme kompletne baze sa povezanim glavnim tabelama I, II i III.



III. Upiti

- Ispiši sve usere koji imaju role "korisnik"

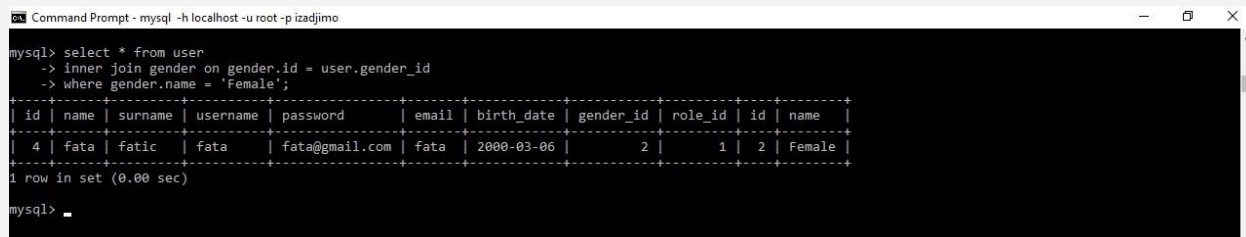
```
select user.name as user_name, user.surname as local_name from user
inner join roles on roles.id = user.role_id
where roles.name = 'korisnik';
```



```
Command Prompt - mysql -h localhost -u root -p izadjimo
mysql> select user_name as user_name, user.surname as local_name from user
-> inner join roles on roles.id = user.role_id
-> where roles.name = 'korisnik';
+-----+-----+
| user_name | local_name |
+-----+-----+
| haso      | hasic      |
+-----+-----+
1 row in set (0.00 sec)
mysql>
```

- Ispiši sve usere koji imaju gender "female"

```
select * from user
inner join gender on gender.id = user.gender_id
where gender.name = 'Female';
```



```
Command Prompt - mysql -h localhost -u root -p izadjimo
mysql> select * from user
-> inner join gender on gender.id = user.gender_id
-> where gender.name = 'Female';
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | name | surname | username | password | email | birth_date | gender_id | role_id | id | name |
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 4  | fata | fatic   | fata     | fata     | fata@gmail.com | 2000-03-06 | 2         | 1       | 2 | Female |
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
mysql>
```

- Ispiši imena svih ljudi koji su posjetili local "Cue"

```
select user.name as user_name, local.name as local_name, visit_time from local_user
inner join user on user.id = local_user.user_id
inner join local on local.id = local_user.local_id
where local.name = 'cue';
```

```

Command Prompt - mysql -h localhost -u root -p izadjimo
mysql> select user.name as user_name, local.name as local_name, visit_time from local_user
-> inner join user on user.id = local_user.user_id
-> inner join local on local.id = local_user.local_id
-> where local.name = 'cue';
+-----+-----+-----+
| user_name | local_name | visit_time |
+-----+-----+-----+
| mujo      | cue        | 2017-07-23 13:10:11 |
| suljo     | cue        | 2017-07-21 12:10:11 |
| haso      | cue        | 2017-07-21 12:10:11 |
| fata      | cue        | 2017-07-21 12:10:11 |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>

```

- o Ispiši imena svih lokala koje je posjetio user "Mujo"

```

select user.name as user_name, local.name as local_name from local_user
inner join user on user.id = local_user.user_id
inner join local on local.id = local_user.local_id
where user.name = 'mujo';

```

```

Command Prompt - mysql -h localhost -u root -p izadjimo
mysql> select user.name as user_name, local.name as local_name from local_user
-> inner join user on user.id = local_user.user_id
-> inner join local on local.id = local_user.local_id
-> where user.name = 'mujo';
+-----+-----+
| user_name | local_name |
+-----+-----+
| mujo      | cue        |
| mujo      | aquarius   |
| mujo      | casablanka |
| mujo      | pivnica    |
+-----+-----+
4 rows in set (0.00 sec)

mysql>

```

- o Ispiši imena svih lokala koji se nalaze u državi "Hrvatskoj"

```

select local.name as local_name from local
inner join adress on adress.id = local.adress
inner join place on place.id = adress.place
inner join country on country.id = place.country
where country.name = "Hrvatska";

```

```

Command Prompt - mysql -h localhost -u root -p izadjimo
mysql> select local.name as local_name from local
-> inner join adress on adress.id = local.adress
-> inner join place on place.id = adress.place
-> inner join country on country.id = place.country
-> where country.name = "Hrvatska";
+-----+
| local_name |
+-----+
| aquarius   |
| pivnica    |
+-----+
2 rows in set (0.03 sec)

mysql>

```

