**Users (sulis adatbázisból: firstname, lastname, usertype, class tábla)**

* id (PK)
* first\_name
* last\_name
* email (sulis)
* password
* user\_type (tanár/diák/admin/konyha)
* class\_id (tanároknál NULL)
* has\_discount
* has\_allergy (cukor, laktóz, glutén)
* created\_at

**Meals (pl: marhapörkölt)**

* id (PK)
* név
* type (leves/main)
* nutri\_info (kalória)
* allergen\_info
* picture
* is\_available
* created\_at

**Rendelés (Orders)**

* id (PK)
* user\_id (FK → Users)
* meal\_id (FK → Meals)
* order\_date (melyik napra szól a rendelés)
* status (rendelt / lemondva / kifizetve)
* cancelled
* cancelled\_at
* created\_at

**Értékelés (Ratings)**

* id (PK)
* user\_id (FK → Users)
* meal\_id (FK → Meals)
* rateing (1–5)
* comment
* created\_at

**Class**

* id (PK)
* name
* created\_at

**Payment**

* id
* user\_id
* order\_date
* amount
* status
* payment\_date
* created\_at

**Price**

* student\_price
* teacher\_price
* valid\_from
* valid\_until
* created\_at

**Menu\_items**

* id
* menu\_id
* soup
* option\_A (meal\_id-ra mutat rá)
* option\_B
* day\_of\_week (enum?)

id | user\_type | price\_category | amount | valid\_from | valid\_to

*---+-----------+----------------+--------+------------+---------*

1 | student | normal | 500 | 2024-09-01 | NULL

2 | student | discounted | 300 | 2024-09-01 | NULL

3 | teacher | normal | 1000 | 2024-09-01 | NULL

4 | staff | normal | 0 | 2024-09-01 | NULL

1. **Árazási algoritmus rendeléskor:**

sql

*-- 1. User adatainak lekérése*

SELECT role, has\_discount FROM users WHERE id = ?

*-- 2. Megfelelő NAPI ÁR kikeresése*

SELECT dp.id, dp.amount

FROM daily\_prices dp

WHERE dp.user\_type = CASE

WHEN ? = 'student' THEN 'student'

WHEN ? = 'teacher' THEN 'teacher'

ELSE 'staff' *-- admin, caterer*

END

AND dp.price\_category = CASE

WHEN ? = 'student' AND ? = true THEN 'discounted'

ELSE 'normal'

END

AND dp.valid\_from <= ?

AND (dp.valid\_to IS NULL OR dp.valid\_to >= ?)