

# Adatbázis séma

## Tábla: activity\_logs

Oszlopok:

- id | bigint | nullable: NO | default: nextval('activity\_logs\_id\_seq'::regclass)
- user\_id | uuid | nullable: YES | default: null
- activity\_type | text | nullable: NO | default: null
- ip\_address | inet | nullable: YES | default: null
- user\_agent | text | nullable: YES | default: null
- details | jsonb | nullable: YES | default: null
- created\_at | timestamp with time zone | nullable: NO | default: now()

Constraint-ek:

- activity\_logs\_pkey | típus: PRIMARY KEY
- activity\_logs\_user\_id\_fkey | típus: FOREIGN KEY

Indexek:

- activity\_logs\_pkey

## Tábla: admin\_actions

Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- admin\_user\_id | uuid | nullable: YES | default: null
- target\_user\_id | uuid | nullable: YES | default: null
- action\_type | text | nullable: NO | default: null
- action\_details | jsonb | nullable: YES | default: null
- created\_at | timestamp with time zone | nullable: NO | default: now()

Constraint-ek:

- admin\_actions\_admin\_user\_id\_fkey | típus: FOREIGN KEY
- admin\_actions\_pkey | típus: PRIMARY KEY
- admin\_actions\_target\_user\_id\_fkey | típus: FOREIGN KEY

Indexek:

- admin\_actions\_pkey

## Tábla: classes

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- class\_name | text | nullable: NO | default: null
- class\_code | text | nullable: NO | default: null
- teacher\_id | uuid | nullable: NO | default: null
- class\_type | text | nullable: NO | default: 'regular'::text
- max\_students | integer | nullable: NO | default: null
- is\_active | boolean | nullable: NO | default: true
- is\_approved | boolean | nullable: NO | default: true
- created\_at | timestamp with time zone | nullable: NO | default: now()
- updated\_at | timestamp with time zone | nullable: NO | default: now()

### Constraint-ek:

- classes\_class\_code\_key | típus: UNIQUE
- classes\_class\_type\_check | típus: CHECK
- classes\_max\_students\_check | típus: CHECK
- classes\_pkey | típus: PRIMARY KEY
- classes\_teacher\_id\_fkey | típus: FOREIGN KEY

### Indexek:

- classes\_pkey
- classes\_class\_code\_key

### Triggerek:

- trg\_classes\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: classmemberships

Oszlopok:

- user\_id | uuid | nullable: NO | default: null
- class\_id | uuid | nullable: NO | default: null

Constraint-ek:

- classmemberships\_class\_id\_fkey | típus: FOREIGN KEY
- classmemberships\_pkey | típus: PRIMARY KEY
- classmemberships\_user\_id\_fkey | típus: FOREIGN KEY

Indexek:

- classmemberships\_pkey

## Tábla: curriculums

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- slug | text | nullable: NO | default: null
- title | text | nullable: NO | default: null
- subject | text | nullable: YES | default: null
- grade | integer | nullable: YES | default: null
- category | text | nullable: NO | default: null
- description | text | nullable: YES | default: null
- accessible\_settings | jsonb | nullable: YES | default: '{}':jsonb
- translations | jsonb | nullable: YES | default: '{}':jsonb
- archived | boolean | nullable: NO | default: false
- metadata | jsonb | nullable: YES | default: '{}':jsonb
- is\_published | boolean | nullable: NO | default: true
- created\_at | timestamp with time zone | nullable: NO | default: now()
- updated\_at | timestamp with time zone | nullable: NO | default: now()
- ai\_settings | jsonb | nullable: YES | default: '{}':jsonb
- hub\_settings | jsonb | nullable: YES | default: '{}':jsonb
- toc | jsonb | nullable: YES | default: '{}':jsonb
- language\_options | jsonb | nullable: YES | default: '{"default": "hu", "available": ["hu", "ro", "de"]}':jsonb

### Constraint-ek:

- curriculums\_category\_check | típus: CHECK
- curriculums\_pkey | típus: PRIMARY KEY
- curriculums\_slug\_key | típus: UNIQUE

### Indexek:

- curriculums\_pkey
- curriculums\_slug\_key
- idx\_curriculums\_pub\_cat\_sub\_grade

### Triggerek:

- trg\_curriculums\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: error\_logs

Oszlopok:

- id | bigint | nullable: NO | default: nextval('error\_logs\_id\_seq'::regclass)
- service\_name | text | nullable: YES | default: null
- error\_message | text | nullable: NO | default: null
- error\_stack | text | nullable: YES | default: null
- occurred\_at | timestamp with time zone | nullable: NO | default: now()
- metadata | jsonb | nullable: YES | default: '{}'::jsonb

Constraint-ek:

- error\_logs\_pkey | típus: PRIMARY KEY

Indexek:

- error\_logs\_pkey

## Tábla: helparticles

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- slug | text | nullable: NO | default: null
- title | text | nullable: NO | default: null
- content | text | nullable: NO | default: null
- category | text | nullable: YES | default: null
- tags | text | nullable: YES | default: null
- translations | jsonb | nullable: YES | default: '{}'::jsonb
- created\_at | timestamp with time zone | nullable: NO | default: now()
- updated\_at | timestamp with time zone | nullable: NO | default: now()

### Constraint-ek:

- helparticles\_pkey | típus: PRIMARY KEY
- helparticles\_slug\_key | típus: UNIQUE

### Indexek:

- helparticles\_pkey
- helparticles\_slug\_key
- idx\_helparticles\_category

### Triggerek:

- trg\_helparticles\_update\_timestamp | Timing: BEFORE | Event: UPDATE



## Tábla: notifications

Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- user\_id | uuid | nullable: NO | default: null
- title | text | nullable: NO | default: null
- message | text | nullable: NO | default: null
- type | text | nullable: NO | default: null
- read | boolean | nullable: NO | default: false
- sent\_at | timestamp with time zone | nullable: NO | default: now()
- metadata | jsonb | nullable: YES | default: '{}':jsonb

Constraint-ek:

- notifications\_pkey | típus: PRIMARY KEY
- notifications\_type\_check | típus: CHECK
- notifications\_user\_id\_fkey | típus: FOREIGN KEY

Indexek:

- notifications\_pkey

## Tábla: payments

Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- subscription\_id | uuid | nullable: NO | default: null
- amount\_cents | integer | nullable: NO | default: null
- currency | text | nullable: NO | default: 'HUF'::text
- provider | text | nullable: NO | default: null
- provider\_payment\_id | text | nullable: YES | default: null
- status | text | nullable: NO | default: null
- payment\_date | timestamp with time zone | nullable: NO | default: now()
- metadata | jsonb | nullable: YES | default: '{}':::jsonb

Constraint-ek:

- payments\_amount\_cents\_check | típus: CHECK
- payments\_pkey | típus: PRIMARY KEY
- payments\_status\_check | típus: CHECK
- payments\_subscription\_id\_fkey | típus: FOREIGN KEY

Indexek:

- payments\_pkey

## Tábla: pgmigrations

Oszlopok:

- id | integer | nullable: NO | default: nextval('pgmigrations\_id\_seq'::regclass)
- name | character varying | nullable: NO | default: null
- run\_on | timestamp without time zone | nullable: NO | default: null

Constraint-ek:

- pgmigrations\_pkey | típus: PRIMARY KEY

Indexek:

- pgmigrations\_pkey

## Tábla: quizquestions

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- curriculum\_id | uuid | nullable: NO | default: null
- question\_data | jsonb | nullable: NO | default: null
- hint | text | nullable: YES | default: null
- time\_limit\_seconds | integer | nullable: YES | default: 0
- max\_attempts | integer | nullable: YES | default: 0
- order\_num | integer | nullable: YES | default: 0
- created\_at | timestamp with time zone | nullable: NO | default: now()
- difficulty\_level | text | nullable: YES | default: null
- metadata | jsonb | nullable: YES | default: '{}':jsonb

### Constraint-ek:

- quizquestions\_curriculum\_id\_fkey | típus: FOREIGN KEY
- quizquestions\_difficulty\_level\_check | típus: CHECK
- quizquestions\_pkey | típus: PRIMARY KEY

### Indexek:

- quizquestions\_pkey
- idx\_quizquestions\_curriculum\_id

### Triggerek:

- trg\_quizquestions\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: referrals

Oszlopok:

- referrer\_user\_id | uuid | nullable: NO | default: null
- referred\_user\_id | uuid | nullable: NO | default: null
- created\_at | timestamp with time zone | nullable: NO | default: now()

Constraint-ek:

- referrals\_referred\_user\_id\_fkey | típus: FOREIGN KEY
- referrals\_referrer\_user\_id\_fkey | típus: FOREIGN KEY
- referrals\_referrer\_user\_id\_referred\_user\_id\_key | típus: UNIQUE

Indexek:

- referrals\_referrer\_user\_id\_referred\_user\_id\_key

## Tábla: subscription\_plans

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- name | text | nullable: NO | default: null
- price\_cents | integer | nullable: NO | default: null
- interval\_unit | text | nullable: NO | default: null
- interval\_count | integer | nullable: NO | default: null
- trial\_days | integer | nullable: NO | default: 0
- is\_active | boolean | nullable: NO | default: true

### Constraint-ek:

- subscription\_plans\_interval\_count\_check | típus: CHECK
- subscription\_plans\_interval\_unit\_check | típus: CHECK
- subscription\_plans\_name\_key | típus: UNIQUE
- subscription\_plans\_pkey | típus: PRIMARY KEY
- subscription\_plans\_price\_cents\_check | típus: CHECK
- subscription\_plans\_trial\_days\_check | típus: CHECK

### Indexek:

- subscription\_plans\_pkey
- subscription\_plans\_name\_key

### Triggerek:

- trg\_subscription\_plans\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: subscriptions

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- user\_id | uuid | nullable: NO | default: null
- plan\_id | uuid | nullable: NO | default: null
- status | text | nullable: NO | default: null
- current\_period\_start | timestamp with time zone | nullable: NO | default: null
- current\_period\_end | timestamp with time zone | nullable: NO | default: null
- created\_at | timestamp with time zone | nullable: NO | default: now()
- canceled\_at | timestamp with time zone | nullable: YES | default: null
- promo\_code | text | nullable: YES | default: null
- invoice\_id | text | nullable: YES | default: null
- payment\_provider | text | nullable: YES | default: null
- payment\_metadata | jsonb | nullable: YES | default: '{}'::jsonb
- promo\_applied | boolean | nullable: YES | default: false
- next\_billing\_date | timestamp with time zone | nullable: YES | default: null

### Constraint-ek:

- subscriptions\_pkey | típus: PRIMARY KEY
- subscriptions\_plan\_id\_fkey | típus: FOREIGN KEY
- subscriptions\_status\_check | típus: CHECK
- subscriptions\_user\_id\_fkey | típus: FOREIGN KEY
- subscriptions\_user\_id\_key | típus: UNIQUE

### Indexek:

- subscriptions\_pkey
- subscriptions\_user\_id\_key

### Triggerek:

- trg\_subscriptions\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: system\_logs

Oszlopok:

- id | uuid | nullable: NO | default: gen\_random\_uuid()
- level | character varying | nullable: NO | default: null
- message | text | nullable: NO | default: null
- created\_at | timestamp without time zone | nullable: NO | default: CURRENT\_TIMESTAMP

Constraint-ek:

- system\_logs\_pkey | típus: PRIMARY KEY

Indexek:

- system\_logs\_pkey



## Tábla: teachers

Oszlopok:

- user\_id | uuid | nullable: NO | default: null
- vip\_code | text | nullable: YES | default: null
- is\_approved | boolean | nullable: NO | default: false
- subject\_specialization | text | nullable: YES | default: null

Constraint-ek:

- teachers\_pkey | típus: PRIMARY KEY
- teachers\_user\_id\_fkey | típus: FOREIGN KEY

Indexek:

- teachers\_pkey

Triggerek:

- trg\_teachers\_update\_timestamp | Timing: BEFORE | Event: UPDATE

## Tábla: user\_quiz\_results

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- user\_id | uuid | nullable: NO | default: null
- curriculum\_id | uuid | nullable: NO | default: null
- completed\_questions | integer | nullable: NO | default: 0
- total\_questions | integer | nullable: NO | default: 0
- score\_percentage | numeric | nullable: YES | default: 0.0
- level | text | nullable: YES | default: null
- completed\_at | timestamp with time zone | nullable: YES | default: now()
- level\_score\_thresholds | jsonb | nullable: YES | default: '{"expert": 90, "beginner": 40, "intermediate": 65}':::jsonb
- hints\_used | integer | nullable: YES | default: 0
- total\_time\_seconds | integer | nullable: YES | default: 0

### Constraint-ek:

- user\_quiz\_results\_curriculum\_id\_fkey | típus: FOREIGN KEY
- user\_quiz\_results\_level\_check | típus: CHECK
- user\_quiz\_results\_pkey | típus: PRIMARY KEY
- user\_quiz\_results\_user\_id\_curriculum\_id\_key | típus: UNIQUE
- user\_quiz\_results\_user\_id\_fkey | típus: FOREIGN KEY

### Indexek:

- user\_quiz\_results\_pkey
- user\_quiz\_results\_user\_id\_curriculum\_id\_key

## Tábla: users

### Oszlopok:

- id | uuid | nullable: NO | default: uuid\_generate\_v4()
- username | text | nullable: NO | default: null
- email | text | nullable: NO | default: null
- password\_hash | text | nullable: NO | default: null
- role | text | nullable: NO | default: null
- referral\_code | text | nullable: YES | default: null
- email\_verified | boolean | nullable: NO | default: false
- language\_preference | text | nullable: NO | default: 'hu'::text
- accessible\_user | boolean | nullable: NO | default: false
- time\_zone | text | nullable: YES | default: null
- parent\_user\_id | uuid | nullable: YES | default: null
- is\_permanent\_free | boolean | nullable: NO | default: false
- special\_pending | boolean | nullable: NO | default: false
- last\_login | timestamp with time zone | nullable: YES | default: null
- last\_login\_ip | inet | nullable: YES | default: null
- settings\_json | jsonb | nullable: YES | default: '{}'::jsonb
- created\_at | timestamp with time zone | nullable: NO | default: now()
- updated\_at | timestamp with time zone | nullable: NO | default: now()
- accessibility\_settings | jsonb | nullable: YES | default: '{}'::jsonb
- preferred\_language | text | nullable: YES | default: 'hu'::text
- archived | boolean | nullable: YES | default: false
- profile\_metadata | jsonb | nullable: YES | default: '{}'::jsonb

### Constraint-ek:

- users\_email\_key | típus: UNIQUE
- users\_parent\_user\_id\_fkey | típus: FOREIGN KEY
- users\_pkey | típus: PRIMARY KEY
- users\_role\_check | típus: CHECK

### Indexek:

- users\_pkey
- users\_email\_key

### Triggerek:

- trg\_users\_update\_timestamp | Timing: BEFORE | Event: UPDATE