agent\_memory\_store

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| key | text | Unique key for the memory entry | YES | NO |  |
| created\_at | timestamp with time zone | Time when the memory entry was created |  | YES | now() |
| updated\_at | timestamp with time zone | Time when the memory entry was last updated |  | YES | now() |
| data | jsonb | JSON data for the memory entry |  | NO |  |

analysis\_results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO |  |
| task\_id | uuid |  |  | NO |  |
| user\_id | uuid |  |  | NO |  |
| paper\_id | uuid |  |  | NO |  |
| analysis\_type | varchar(255) |  |  | NO |  |
| content | text |  |  | NO |  |
| sections | jsonb |  |  | YES | '[]'::jsonb |
| citations | jsonb |  |  | YES | '[]'::jsonb |
| visual\_elements | jsonb |  |  | YES | '[]'::jsonb |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | NO | now() |
| is\_archived | boolean |  |  | NO |  |
| last\_accessed\_at | timestamp without time zone |  |  | YES |  |

analysis\_tasks

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO |  |
| user\_id | uuid |  |  | NO |  |
| paper\_id | uuid |  |  | NO |  |
| analysis\_type | varchar(255) |  |  | NO |  |
| status | varchar(255) |  |  | NO |  |
| progress | integer |  |  | YES | 0 |
| options | jsonb |  |  | YES | '{}'::jsonb |
| result\_id | uuid |  |  | YES |  |
| error\_message | varchar(32600) |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |
| completed\_at | timestamp without time zone |  |  | YES |  |
| task\_id | uuid |  |  | YES |  |

chat\_messages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| session\_id | uuid |  |  | NO |  |
| role | varchar(255) |  |  | NO |  |
| content | text |  |  | NO |  |
| citations | jsonb |  |  | YES | '[]'::jsonb |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| sequence\_number | integer |  |  | NO | 0 |
| message\_type | varchar(255) |  |  | NO | 'message'::text |
| is\_edited | boolean |  |  | NO | false |
| token\_count | integer |  |  | YES |  |
| last\_edited\_at | timestamp with time zone |  |  | YES |  |

chat\_sessions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | YES |  |
| mode | varchar(255) |  |  | NO | 'general'::text |
| context | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |
| last\_message\_at | timestamp with time zone |  |  | YES | now() |
| provider | varchar(255) |  |  | NO |  |
| title | varchar(255) |  |  | YES |  |

citation\_verifications

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| citation\_id | uuid |  |  | YES |  |
| paper\_id | uuid |  |  | YES |  |
| doi | text |  |  | YES |  |
| verified | boolean |  |  | YES | false |
| verification\_source | text |  |  | YES |  |
| confidence | numeric(3,2) |  |  | YES | 0 |
| verification\_date | timestamp with time zone |  |  | YES | now() |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |
| semantic\_scholar\_id | text |  |  | YES |  |
| arxiv\_id | text |  |  | YES |  |
| merged\_metadata | jsonb |  |  | YES | '{}'::jsonb |

citations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| citation\_data | jsonb |  |  | NO |  |
| raw\_text | text |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES | now() |

concept\_maps

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| user\_id | uuid |  |  | YES |  |
| title | text |  |  | NO |  |
| description | text |  |  | YES |  |
| map\_data | jsonb |  |  | NO |  |
| image\_url | text |  |  | YES |  |
| tags | text[] |  |  | YES |  |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

credit\_balances

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| user\_id | uuid |  |  | NO |  |
| balance | integer |  |  | NO | 0 |
| used\_this\_period | integer |  |  | NO | 0 |
| next\_reset\_date | timestamp with time zone |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |

credit\_packages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| name | text |  |  | NO |  |
| credits | integer |  |  | NO |  |
| price\_usd | numeric(10,2) |  |  | NO |  |
| price\_sats | bigint |  |  | YES |  |
| is\_active | boolean |  |  | NO | true |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |

credit\_transactions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| user\_id | uuid |  |  | NO |  |
| transaction\_type | varchar(255) |  |  | NO |  |
| amount | integer |  |  | NO |  |
| balance\_after | integer |  |  | NO |  |
| operation\_type | varchar(255) |  |  | YES |  |
| description | varchar(255) |  |  | NO |  |
| reference\_id | varchar(255) |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | NO | now() |

flashcards

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| user\_id | uuid |  |  | YES |  |
| question | text |  |  | NO |  |
| answer | text |  |  | NO |  |
| section | text |  |  | YES |  |
| tags | text[] |  |  | YES |  |
| difficulty | text |  |  | YES |  |
| last\_reviewed | timestamp with time zone |  |  | YES |  |
| review\_count | integer |  |  | YES | 0 |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

invoices

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| subscription\_id | uuid |  |  | YES |  |
| amount | numeric(10,2) |  |  | NO |  |
| currency | text |  |  | NO |  |
| status | text |  |  | NO |  |
| invoice\_url | text |  |  | YES |  |
| paid\_at | timestamp with time zone |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES | now() |

metadata\_verifications

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| source | text |  |  | NO |  |
| confidence | numeric(3,2) |  |  | YES | 0 |
| metadata | jsonb |  |  | YES |  |
| matched\_by | text |  |  | YES |  |
| identifier\_used | text |  |  | YES |  |
| verified\_at | timestamp with time zone |  |  | YES | now() |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

mode\_operation\_mapping

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| mode | text |  | YES | NO |  |
| operation\_type | operation\_type\_upper |  | YES | NO |  |

notes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| user\_id | uuid |  |  | YES |  |
| content | text |  |  | NO |  |
| location | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

operation\_costs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| operation\_type | operation\_type\_upper |  |  | NO |  |
| basic\_cost | integer |  |  | NO |  |
| pro\_cost | integer |  |  | NO |  |
| description | text |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |
| scholar\_cost | integer |  |  | YES |  |

paper\_content

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| paper\_id | uuid |  |  | NO |  |
| content | text |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

paper\_sections

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | gen\_random\_uuid() |
| paper\_id | uuid |  |  | NO |  |
| title | text |  |  | NO |  |
| content | text |  |  | NO |  |
| index | integer |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

paper\_tags

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| paper\_id | uuid |  | YES | NO |  |
| tag\_id | uuid |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | YES | now() |

papers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| crossref\_score | double precision |  |  | YES |  |
| crossref\_verified | boolean |  |  | YES |  |
| is\_public | boolean |  |  | YES |  |
| metadata\_confidence | double precision |  |  | YES |  |
| publication\_date | date |  |  | YES |  |
| quality\_score | double precision |  |  | YES |  |
| references\_count | integer |  |  | YES |  |
| semantic\_scholar\_score | double precision |  |  | YES |  |
| semantic\_scholar\_verified | boolean |  |  | YES |  |
| year | integer |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES |  |
| crossref\_last\_verified | timestamp with time zone |  |  | YES |  |
| file\_size | bigint |  |  | YES |  |
| semantic\_scholar\_last\_verified | timestamp with time zone |  |  | YES |  |
| updated\_at | timestamp with time zone |  |  | YES |  |
| id | uuid |  | YES | NO |  |
| user\_id | uuid |  |  | YES |  |
| paper\_abstract | varchar(255) |  |  | YES |  |
| arxiv\_id | varchar(255) |  |  | YES |  |
| crossref\_doi | varchar(255) |  |  | YES |  |
| doi | varchar(255) |  |  | YES |  |
| file\_path | varchar(255) |  |  | NO |  |
| file\_type | varchar(255) |  |  | YES |  |
| journal | varchar(255) |  |  | YES |  |
| metadata\_source | varchar(255) |  |  | YES |  |
| processing\_status | varchar(255) |  |  | YES |  |
| semantic\_scholar\_id | varchar(255) |  |  | YES |  |
| status | varchar(255) |  |  | YES |  |
| summary\_brief | varchar(255) |  |  | YES |  |
| summary\_detailed | varchar(255) |  |  | YES |  |
| summary\_standard | varchar(255) |  |  | YES |  |
| text\_content | varchar(255) |  |  | YES |  |
| title | varchar(255) |  |  | NO |  |
| authors | jsonb |  |  | NO |  |
| citations | jsonb |  |  | YES |  |
| crossref\_metadata | jsonb |  |  | YES |  |
| glossary | jsonb |  |  | YES |  |
| key\_findings | jsonb |  |  | YES |  |
| main\_concepts | jsonb |  |  | YES |  |
| metadata | jsonb |  |  | YES |  |
| metadata\_source\_details | jsonb |  |  | YES |  |
| methodology\_details | jsonb |  |  | YES |  |
| quality\_feedback | jsonb |  |  | YES |  |
| research\_questions | jsonb |  |  | YES |  |
| semantic\_scholar\_metadata | jsonb |  |  | YES |  |
| topics | jsonb |  |  | YES |  |
| glossart | jsonb |  |  | YES |  |

payment\_methods

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | YES |  |
| provider | text |  |  | NO |  |
| type | text |  |  | NO |  |
| last\_four | text |  |  | YES |  |
| is\_default | boolean |  |  | YES | false |
| provider\_data | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

practice\_questions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| user\_id | uuid |  |  | YES |  |
| question\_text | text |  |  | NO |  |
| question\_type | text |  |  | NO |  |
| correct\_answer | text |  |  | NO |  |
| options | jsonb |  |  | YES |  |
| explanation | text |  |  | YES |  |
| difficulty | text |  |  | YES |  |
| section | text |  |  | YES |  |
| tags | text[] |  |  | YES |  |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

project\_papers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| project\_id | uuid |  |  | NO |  |
| paper\_id | uuid |  |  | NO |  |
| order | integer |  |  | YES | 0 |
| added\_at | timestamp with time zone |  |  | YES | now() |

projects

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | YES |  |
| name | varchar(255) |  |  | NO |  |
| description | varchar(255) |  |  | YES |  |
| settings | jsonb |  |  | YES | '{}'::jsonb |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |
| is\_public | boolean |  |  | YES | false |

subscription\_plans

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | varchar(255) |  | YES | NO |  |
| name | varchar(255) |  |  | NO |  |
| description | varchar(255) |  |  | YES |  |
| price\_monthly | numeric(38,2) |  |  | NO |  |
| price\_annually | numeric(38,2) |  |  | NO |  |
| features | jsonb |  |  | YES | '{}'::jsonb |
| base\_credits | integer |  |  | NO | 0 |
| rollover\_limit | integer |  |  | NO | 0 |
| is\_active | boolean |  |  | YES | true |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |
| is\_free | boolean |  |  | YES | false |
| default\_ai\_tier | varchar(255) |  |  | YES |  |

subscriptions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | YES |  |
| plan\_id | varchar(255) |  |  | NO |  |
| status | varchar(255) |  |  | NO |  |
| current\_period\_start | timestamp with time zone |  |  | YES |  |
| current\_period\_end | timestamp with time zone |  |  | YES |  |
| payment\_provider | varchar(255) |  |  | NO |  |
| payment\_provider\_id | varchar(255) |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |

summaries

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| paper\_id | uuid |  |  | YES |  |
| brief | text |  |  | YES |  |
| standard | text |  |  | YES |  |
| detailed | text |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES | now() |
| updated\_at | timestamp with time zone |  |  | YES | now() |
| content | text |  |  | YES |  |

tags

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | YES |  |
| name | text |  |  | NO |  |
| color | text |  |  | YES | '#6B7280'::text |
| created\_at | timestamp with time zone |  |  | YES | now() |

tasks

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | text | Unique ID for the task | YES | NO |  |
| agent\_id | text | ID of the agent handling this task |  | NO |  |
| user\_id | uuid | ID of the user who initiated the task |  | NO |  |
| input | jsonb | Input data for the task |  | NO |  |
| status | text | Current status of the task (pending, processing, completed, failed) |  | NO |  |
| error | text | Error message if task failed |  | YES |  |
| result | jsonb | Result data from the task execution |  | YES |  |
| created\_at | timestamp with time zone | Time when the task was created |  | YES | now() |
| started\_at | timestamp with time zone | Time when the task started processing |  | YES |  |
| completed\_at | timestamp with time zone | Time when the task was completed |  | YES |  |

timeline\_relationships

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| source | uuid |  |  | NO |  |
| target | uuid |  |  | NO |  |
| type | public.timeline\_relationship\_type |  |  | NO |  |
| description | text |  |  | YES |  |
| created\_at | timestamp with time zone |  |  | YES | now() |

user\_operations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| user\_id | uuid |  |  | NO |  |
| operation\_type | text |  |  | NO |  |
| created\_at | timestamp with time zone |  |  | YES | now() |
| metadata | jsonb |  |  | YES | '{}'::jsonb |
| reference\_id | text |  |  | YES |  |
| ai\_tier | text |  |  | YES |  |
| credit\_cost | integer |  |  | YES |  |

user\_roles

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| user\_id | uuid |  |  | NO |  |
| role | varchar(255) |  |  | YES |  |

user\_settings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| user\_id | uuid |  |  | NO |  |
| auto\_generate\_study\_materials | boolean | Controls whether study materials (flashcards, practice questions, concept maps) are automatically generated when processing papers |  | YES | true |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |
| email\_notifications | boolean |  |  | YES | true |
| system\_notifications | boolean |  |  | YES | true |
| id | uuid |  |  | NO |  |
| academic\_field | varchar(255) |  |  | YES |  |
| email\_notifications\_enabled | boolean |  |  | NO |  |
| study\_material\_generation\_enabled | boolean |  |  | NO |  |
| system\_notifications\_enabled | boolean |  |  | NO |  |
| openai\_api\_key | varchar(255) |  |  | YES |  |
| perplexity\_api\_key | varchar(255) |  |  | YES |  |
| anthropic\_api\_key | varchar(255) |  |  | YES |  |

users

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| enabled | boolean |  |  | NO |  |
| id | uuid |  | YES | NO |  |
| email | varchar(255) |  |  | YES |  |
| password | varchar(255) |  |  | NO |  |
| username | varchar(255) |  |  | NO |  |
| created\_at | timestamp without time zone |  |  | YES |  |
| last\_login | timestamp without time zone |  |  | YES |  |

visualization\_states

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| id | uuid |  | YES | NO | extensions.uuid\_generate\_v4() |
| session\_id | uuid |  |  | NO |  |
| user\_id | uuid |  |  | NO |  |
| highlighted\_paper\_ids | text[] |  |  | YES | ARRAY[]::text[] |
| selected\_comparison\_ids | text[] |  |  | YES | ARRAY[]::text[] |
| active\_tab | text |  |  | YES | 'matrix'::text |
| filters | jsonb |  |  | YES | '{"sortField": "confidence", "minConfidence": 0.5, "relationTypes": [], "sortDirection": "desc"}'::jsonb |
| layout | jsonb |  |  | YES | '{"papersSectionCollapsed": false, "detailsSectionCollapsed": false}'::jsonb |
| created\_at | timestamp with time zone |  |  | NO | now() |
| updated\_at | timestamp with time zone |  |  | NO | now() |