

**SC**

Database model documentation

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# 1. Model details

**Model name:**

sc

**Version:**

2.3

**Database engine:**

postgresql

**Description:**

## 2. Tables

### 2.1. Table users

#### 2.1.1. Columns

Column name	Type	Properties	Description
id	integer		
email	character varying		
encrypted_password	character varying		
reset_password_token	character varying	null	
reset_password_sent_at	timestamp	null	
remember_created_at	timestamp	null	
sign_in_count	integer		
current_sign_in_at	timestamp	null	
last_sign_in_at	timestamp	null	
current_sign_in_ip	inet	null	
last_sign_in_ip	inet	null	
confirmation_token	character varying	null	
confirmed_at	timestamp	null	
confirmation_sent_at	timestamp	null	
failed_attempts	integer		
unlock_token	character varying	null	
locked_at	timestamp	null	
role	int		
country_id	int		
city_id	int		
name	character varying	null	

institution	int		
position	character varying	null	
twitter_account	character varying	null	
linkedin_account	character varying	null	
avatar	character varying	null	
is_active	boolean	null	
deactivated_at	timestamp		
created_at	timestamp		
updated_at	timestamp		

## 2.2. Table identities

### Description:

Used for social media sign in

#### 2.2.1. Columns

Column name	Type	Properties	Description
id	integer		
user_id	integer	null	
provider	character varying	null	
uid	character varying	null	
created_at	timestamp		
updated_at	timestamp		

#### 2.2.2. Indexes

Index name	Columns	Description
index_identities_on_user_id	user_id (ASC)	

## 2.3. Table projects

### Description:

StudyCase

BusinessModel

### 2.3.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
situation	text		
solution	text		
country_id	int		
operational_year	timestamp		
category_id	int		
project_type	int		
is_active	boolean		
deactivated_at	timestamp		
publish_request	boolean		
published_at	timestamp		
created_at	timestamp		
updated_at	timestamp		

## 2.4. Table countries

### 2.4.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
region_name	varchar(255)		
iso	varchar(255)		
region_iso	varchar(255)		
country_centroid	jsonb		
region_centroid	jsonb		
is_active	boolean		
created_at	timestamp		
updated_at	timestamp		

## 2.5. Table cities

### 2.5.1. Columns

Column name	Type	Properties	Description
id	int		
country_id	int		
name	varchar(255)		
lat	decimal(2,255)		
lng	decimal(2,255)		
province	varchar(255)		
created_at	timestamp		
updated_at	timestamp		

## 2.6. Table project\_cities

### 2.6.1. Columns

Column name	Type	Properties	Description
id	int		
project_id	int		
city_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.7. Table impacts

### 2.7.1. Columns

Column name	Type	Properties	Description
id	int		
impact_value	varchar(255)		
impact_unit	varchar(255)		
name	varchar(255)		
description	text		
project_id	int		
is_active	boolean		



created_at	timestamp		
updated_at	timestamp		

## 2.8. Table categories

### Description:

category\_type:

1. SOLUTION
2. BME
3. IMPACT

### 2.8.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
description	text		
parent_id	int		
category_type	int		
created_at	timestamp		
updated_at	timestamp		

## 2.9. Table bmes

### Description:

Business models elements

### 2.9.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
description	text		
category_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.10. Table enablings

### 2.10.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
description	text		
assessment_value	int		
category_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.11. Table photos

### 2.11.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
attachment	varchar(255)		
attacheable_id	int		
attacheable_type	varchar(255)		
is_active	boolean		
created_at	timestamp		
updated_at	timestamp		

## 2.12. Table documents

### 2.12.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
attachment	varchar(255)		
attacheable_id	int		
attacheable_type	varchar(255)		
is_active	boolean		
created_at	timestamp		

updated_at	timestamp		
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## 2.13. Table external\_sources

### 2.13.1. Columns

Column name	Type	Properties	Description
id	int		
name	varchar(255)		
description	text		
web_url	varchar(255)		
attacheable_id	int		
attacheable_type	varchar(255)		
is_active	boolean		
created_at	timestamp		
updated_at	timestamp		

## 2.14. Table project\_bmes

### 2.14.1. Columns

Column name	Type	Properties	Description
id	int		
bme_id	int		
project_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.15. Table bme\_enablings

### 2.15.1. Columns

Column name	Type	Properties	Description
id	int		
enabling_id	int		
bme_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.16. Table project\_users

### 2.16.1. Columns

Column name	Type	Properties	Description
id	int		
is_owner	boolean		
user_id	int		
project_id	int		
created_at	timestamp		
updated_at	timestamp		

## 2.17. Table notifications

### Description:

1. Notification for project (StudyCase) published request to admins - after publishing notification for user (owner)
2. Notification for Contact module to admins

### 2.17.1. Columns

Column name	Type	Properties	Description
id	int		
user_id	int		
notificable_id	int		
notificable_type	varchar(255)		
summary	text		
counter	int		
emailed_at	timestamp		
created_at	timestamp		
updated_at	timestamp		

## 2.18. Table comments

### 2.18.1. Columns

Column name	Type	Properties	Description
id	int		
user_id	int		

commentable_id	int		
commentable_type	varchar(255)		
body	text		
is_active	boolean		
created_at	timestamp		
updated_at	timestamp		

## 3. References

### 3.1. Reference user\_identities

<a href="#">users</a>	<b>0..*</b>	<a href="#">identities</a>
id	<->	user_id

### 3.2. Reference users\_countries

<a href="#">countries</a>	<b>0..*</b>	<a href="#">users</a>
id	<->	country_id

### 3.3. Reference study\_cases\_countries

<a href="#">countries</a>	<b>0..*</b>	<a href="#">projects</a>
id	<->	country_id

### 3.4. Reference cities\_countries

<a href="#">countries</a>	<b>0..*</b>	<a href="#">cities</a>
id	<->	country_id

### 3.5. Reference city\_study\_cases\_cities

<a href="#">cities</a>	<b>0..*</b>	<a href="#">project_cities</a>
id	<->	city_id

### 3.6. Reference city\_study\_cases\_study\_cases

<a href="#">projects</a>	<b>0..*</b>	<a href="#">project_cities</a>
id	<->	project_id

### 3.7. Reference photos\_study\_cases

<a href="#">projects</a>	<b>0..*</b>	<a href="#">photos</a>
id	<->	attacheable_id

### 3.8. Reference documents\_study\_cases

projects	0..*	documents
id	<->	attacheable_id

### 3.9. Reference study\_cases\_categories

categories	0..*	projects
id	<->	category_id

### 3.10. Reference bmes\_categories

categories	0..*	bmes
id	<->	category_id

### 3.11. Reference external\_sources\_study\_cases

projects	0..*	external_sources
id	<->	attacheable_id

### 3.12. Reference external\_sources\_impacts

impacts	0..*	external_sources
id	<->	attacheable_id

### 3.13. Reference impacts\_study\_cases

projects	0..*	impacts
id	<->	project_id

### 3.14. Reference bye\_study\_cases\_study\_cases

projects	0..*	project_bmes
id	<->	project_id

### 3.15. Reference bye\_study\_cases\_bmes

bmes	0..*	project_bmes
id	<->	bme_id

## 3.16. Reference enablings\_categories

categories	0..*	enablings
id	<->	category_id

## 3.17. Reference bme\_enablings\_enablings

enablings	0..*	bme_enablings
id	<->	enabling_id

## 3.18. Reference bme\_enablings\_bmes

bmes	0..*	bme_enablings
id	<->	bme_id

## 3.19. Reference users\_cities

cities	0..*	users
id	<->	city_id

## 3.20. Reference project\_users\_users

users	0..*	project_users
id	<->	user_id

## 3.21. Reference project\_users\_projects

projects	0..*	project_users
id	<->	project_id

## 3.22. Reference notifications\_projects

projects	0..*	notifications
id	<->	notifiable_id

## 3.23. Reference notifications\_users

users	0..*	notifications
id	<->	user_id



### 3.24. Reference comments\_projects

projects	0..*	comments
id	<->	commentable_id

### 3.25. Reference comments\_users

users	0..*	comments
id	<->	user_id