## undefined

#### Database Schema Documentation

Database diagram with 12 tables and 11 relationships

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Database Type: POSTGRESQL

Schema: public

Tables: 12

**Relationships: 11** 



This document provides comprehensive documentation for the database schema "undefined". The schema contains 12 tables with 11 relationships defined between them.

## **Schema Summary**

• Total Tables: 12

• Total Columns: 157

• Primary Keys: 12

• Foreign Keys: 8

• Relationships: 11

## **Tables**

workflow_request_conditions					
Column Name	Data Type	Constraints	Default Value	Description	
id	UUID	PK NOT NULL	-	-	
request_id	BIGINT	FK	-	-	
state	VARCHAR	NOT NULL	-	-	
created_by	INTEGER		-	-	
updated_by	INTEGER		-	-	
created_at	INTEGER		-	-	
updated_at	INTEGER		-	-	
deleted_by	INTEGER		-	-	
deleted_at	INTEGER		-	-	
is_deleted	BOOLEAN		-	-	
status	INTEGER		-	-	

workflow_request_tasks					
Column Name	Data Type	Constraints	Default Value	Description	
id	UUID	PK NOT NULL	-	-	
request_id	INTEGER	FK	-	-	
created_by	INTEGER		-	-	
updated_by	INTEGER		-	-	
created_at	INTEGER		-	-	
updated_at	INTEGER		-	-	
deleted_by	INTEGER		-	-	
deleted_at	INTEGER		-	-	
is_deleted	BOOLEAN		-	-	
status	INTEGER		-	-	
comment	TEXT		-	-	
responsible_id	INTEGER		-	-	
responsible_type	VARCHAR		-	-	
started_by	INTEGER		-	-	
started_at	INTEGER		-	-	

Column Name	Data Type	Constraints	Default Value	Description
end_by	INTEGER		-	-
end_at	INTEGER		-	-
end_comment	TEXT		-	-
deadline_at	INTEGER		-	-
started_branch_id	INTEGER		-	-
end_branch_id	INTEGER		-	-
responsible_branch_id	INTEGER		-	-
created_branch_id	INTEGER		-	-
end_transition	VARCHAR		-	-
transition_names	JSON		-	-
permissions_view	JSON		-	-
can_apply_transition	JSON		-	-
can_view	JSON		-	-
parent_task_id	BIGINT		-	-
current_state	VARCHAR		-	-

📋 workflow_requests					
Column Name	Data Type	Constraints	Default Value	Description	
id	UUID	PK NOT NULL	-	-	
loan_id	BIGINT	NOT NULL	-	-	
created_by	INTEGER		-	-	
updated_by	INTEGER		-	-	
created_at	INTEGER		-	-	
updated_at	INTEGER		-	-	
deleted_by	INTEGER		-	-	
deleted_at	INTEGER		-	-	
is_deleted	BOOLEAN		-	-	
status	INTEGER		-	-	
process_id	INTEGER	FK NOT NULL	-	-	
process_term_id	INTEGER	FK NOT NULL	-	-	
current_state_name	VARCHAR		-	-	
current_task_id	BIGINT		-	-	

Column Name	Data Type	Constraints	Default Value	Description
branch_id	INTEGER		-	-

<b>process</b>				
Column Name	Data Type	Constraints	Default Value	Description
id	UUID	PK NOT NULL	-	-
created_by	INTEGER		-	-
updated_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-

process_terms					
Column Name	Data Type	Constraints	Default Value	Description	
id	UUID	PK NOT NULL	-	-	
created_by	INTEGER		-	-	
updated_by	INTEGER		-	-	
created_at	INTEGER		-	-	
updated_at	INTEGER		-	-	
deleted_by	INTEGER		-	-	
deleted_at	INTEGER		-	-	
is_deleted	BOOLEAN		-	-	
status	INTEGER		-	-	

e checkpoints				
Column Name	Data Type	Constraints	Default Value	Description
id	UUID	PK NOT NULL	-	-
loan_id	BIGINT		-	-
request_id	BIGINT	FK	-	-
deadline_datetime	TIMESTAMP		-	-
completed_datetime	TIMESTAMP		-	-
created_by	INTEGER		-	-
updated_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-
begin_datetime	TIMESTAMP		-	<u>-</u>

process_documents				
Column Name	Data Type	Constraints	Default Value	Description
created_by	INTEGER		-	-
id	UUID	PK NOT NULL	-	-
title	VARCHAR		-	-
uid	VARCHAR		-	-
process_id	INTEGER	FK	-	-
updated_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-
is_required	BOOLEAN		-	-
description	TEXT		-	-

<b>l</b> tabs				
Column Name	Data Type	Constraints	Default Value	Description
id	UUID	PK NOT NULL	-	-
name	VARCHAR		-	-
created_by	INTEGER		-	-
updated_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-
tab_able_type	VARCHAR		-	-

📋 tab_workfl	ow_states			
Column Name	Data Type	Constraints	Default Value	Description
id	UUID	PK NOT NULL	-	-
created_by	INTEGER		-	-
updated_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-
state_id	INTEGER	FK	-	-
tab_id	INTEGER	FK	-	-

<b>i</b> states				
Column Name	Data Type	Constraints	Default Value	Description
id	UUID	PK NOT NULL	-	-
name	VARCHAR		-	-
created_by	INTEGER		-	-
created_at	INTEGER		-	-
updated_by	INTEGER		-	-
updated_at	INTEGER		-	-
deleted_by	INTEGER		-	-
deleted_at	INTEGER		-	-
is_deleted	BOOLEAN		-	-
status	INTEGER		-	-

workflow_requests_documents						
Column Name	Data Type	Constraints	Default Value	Description		
id	UUID	PK NOT NULL	-	-		
created_by	INTEGER		-	-		
updated_by	INTEGER		-	-		
created_at	INTEGER		-	-		
updated_at	INTEGER		-	-		
deleted_by	INTEGER		-	-		
deleted_at	INTEGER		-	-		
is_deleted	BOOLEAN		-	-		
status	INTEGER		-	-		
request_id	BIGINT	FK	-	-		
process_document_id	INTEGER	FK	-	-		

process_products						
Column Name	Data Type	Constraints	Default Value	Description		
id	UUID	PK NOT NULL	-	-		
created_by	INTEGER		-	-		
updated_by	INTEGER		-	-		
created_at	INTEGER		-	-		
updated_at	INTEGER		-	-		
deleted_by	INTEGER		-	-		
deleted_at	INTEGER		-	-		
is_deleted	BOOLEAN		-	-		
status	INTEGER		-	-		
code	VARCHAR		-	-		
process_id	INTEGER	FK	-	-		
type	VARCHAR		-	-		

# Relationships

The following relationships are defined between tables in this schema:

### workflow\_requests → workflow\_request\_conditions

Type: One-to-Many From Column: id

To Column: request\_id
On Delete: RESTRICT
On Update: RESTRICT

## workflow\_requests → workflow\_request\_tasks

Type: One-to-Many From Column: id

To Column: request\_id
On Delete: RESTRICT
On Update: RESTRICT

## process → workflow\_requests

Type: One-to-Many From Column: id

To Column: process\_id
On Delete: RESTRICT
On Update: RESTRICT

### process\_terms → workflow\_requests

Type: One-to-Many From Column: id

To Column: process term id

On Delete: RESTRICT
On Update: RESTRICT

## workflow\_requests → checkpoints

Type: One-to-Many From Column: id

To Column: request\_id
On Delete: RESTRICT
On Update: RESTRICT

### process → process\_documents

Type: One-to-Many From Column: id

To Column: process\_id
On Delete: RESTRICT
On Update: RESTRICT

## tabs → tab\_workflow\_states

Type: One-to-Many
From Column: id
To Column: tab\_id
On Delete: RESTRICT
On Update: RESTRICT

#### states → tab\_workflow\_states

Type: One-to-Many
From Column: id
To Column: state\_id
On Delete: RESTRICT
On Update: RESTRICT

### process\_documents → workflow\_requests\_documents

Type: One-to-Many From Column: id

To Column: process\_document\_id

On Delete: RESTRICT
On Update: RESTRICT

### workflow\_requests -- workflow\_requests\_documents

Type: One-to-Many From Column: id

To Column: request\_id
On Delete: RESTRICT
On Update: RESTRICT

## $process \rightarrow process\_products$

Type: One-to-Many
From Column: id

To Column: process\_id
On Delete: RESTRICT
On Update: RESTRICT



### Below is the complete SQL schema for creating this database:

-- Database Schema: 12 tables -- Table: workflow\_request\_conditions CREATE TABLE workflow\_request\_conditions ( id UUID NOT NULL PRIMARY KEY, request\_id BIGINT, state VARCHAR NOT NULL, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER ); -- Table: workflow\_request\_tasks CREATE TABLE workflow\_request\_tasks ( id UUID NOT NULL PRIMARY KEY, request\_id INTEGER, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, comment TEXT, responsible\_id INTEGER, responsible\_type VARCHAR, started\_by INTEGER, started\_at INTEGER, end\_by INTEGER, end\_at INTEGER, end\_comment TEXT, deadline\_at INTEGER, started\_branch\_id INTEGER, end\_branch\_id INTEGER, responsible\_branch\_id INTEGER, created\_branch\_id INTEGER, end\_transition VARCHAR, transition\_names JSON, permissions\_view JSON, can\_apply\_transition JSON, can\_view JSON, parent\_task\_id BIGINT, current\_state VARCHAR ); -- Table: workflow\_requests CREATE TABLE workflow\_requests ( id UUID NOT NULL PRIMARY KEY, loan\_id BIGINT NOT NULL, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, process\_id INTEGER NOT NULL, process\_term\_id INTEGER NOT NULL, current\_state\_name VARCHAR, current\_task\_id BIGINT, branch\_id INTEGER ); -- Table: process CREATE TABLE process ( id UUID NOT NULL PRIMARY KEY, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER ); -- Table: process\_terms CREATE TABLE process\_terms ( id UUID NOT NULL PRIMARY KEY, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER ); -- Table: checkpoints CREATE TABLE checkpoints ( id UUID NOT NULL PRIMARY KEY, loan\_id BIGINT, request\_id BIGINT, deadline\_datetime TIMESTAMP, completed\_datetime TIMESTAMP, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, begin\_datetime TIMESTAMP ); --Table: process\_documents CREATE TABLE process\_documents ( created\_by INTEGER, id UUID NOT NULL PRIMARY KEY, title VARCHAR, uid VARCHAR, process\_id INTEGER, updated\_by INTEGER, created\_at

INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, is\_required BOOLEAN, description TEXT ); -- Table: tabs CREATE TABLE tabs ( id UUID NOT NULL PRIMARY KEY, name VARCHAR, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, tab\_able\_type VARCHAR ); -- Table: tab\_workflow\_states CREATE TABLE tab\_workflow\_states ( id UUID NOT NULL PRIMARY KEY, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, state\_id INTEGER, tab\_id INTEGER ); -- Table: states CREATE TABLE states ( id UUID NOT NULL PRIMARY KEY, name VARCHAR, created\_by INTEGER, created\_at INTEGER, updated\_by INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER ); --Table: workflow\_requests\_documents CREATE TABLE workflow\_requests\_documents ( id UUID NOT NULL PRIMARY KEY, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted\_by INTEGER, deleted\_at INTEGER, is\_deleted BOOLEAN, status INTEGER, request\_id BIGINT, process\_document\_id INTEGER ); -- Table: process\_products CREATE TABLE process\_products ( id UUID NOT NULL PRIMARY KEY, created\_by INTEGER, updated\_by INTEGER, created\_at INTEGER, updated\_at INTEGER, deleted by INTEGER, deleted at INTEGER, is deleted BOOLEAN, status INTEGER, code VARCHAR, process\_id INTEGER, type VARCHAR );

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