

GrantGuru Data Dictionary

Abdullahi Abdullahi, Mathieu Poulin, James Tedder, Colby Wirth

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USER Table

Field Name	Data Type	Description	Constraints
name	composite	The name of the user.	NOT NULL
f_name	varchar(50)	User's first name.	NOT NULL
m_name	varchar(50)	User's middle name.	—
l_name	varchar(50)	User's last name.	NOT NULL
institution	varchar(100)	The name of the institution that the user is a part of.	—
user_id	char(20)	An ID generated for the user.	PRIMARY KEY
email	varchar(100)	The user's email address.	UNIQUE, NOT NULL
password	varchar(100)	The password hash used for authentication.	NOT NULL
research_fields	varchar(100)	The fields of research the user is interested in obtaining grants for.	—

DOCUMENTS Table

Field Name	Data Type	Description	Constraints
document_name	varchar(50)	The name of the document.	NOT NULL
upload_date	date	The date the document was uploaded.	NOT NULL
document_id	char(20)	A unique identifier for the document.	PRIMARY KEY
document_type	varchar(10)	The type of file.	NOT NULL
document_size	int	The size of the document.	NON-NEGATIVE, NOT NULL
application_id	char(20)	Identifier linking the document to an application.	FOREIGN KEY, NOT NULL

APPLICATION Table

Field Name	Data Type	Description	Constraints
application_id	char(20)	Unique identifier for the application.	PRIMARY KEY
status	varchar(50)	The current status of the application.	—
grant_id	char(20)	Identifier for the related grant.	FOREIGN KEY, NOT NULL
user_id	char(20)	Identifier for the user who submitted the application.	FOREIGN KEY, NOT NULL

INTERNAL DEADLINES Table

Field Name	Data Type	Description	Constraints
deadline_id	char(20)	A unique identifier for the internal deadline.	PRIMARY KEY, NOT NULL
deadline_name	varchar(100)	The name of the deadline.	NOT NULL
deadline_date	date	The date that the deadline applies to.	NOT NULL
application_id	char(20)	Identifier for the related application.	FOREIGN KEY

GRANT Table

Field Name	Data Type	Description	Constraints
grant_id	char(20)	Unique identifier for the grant.	PRIMARY KEY
grant_title	varchar(255)	The title of the grant.	—
description	varchar(18000)	Detailed description of the grant.	—
research_field	varchar(250)	The research field of the grant.	—
expected_award_count	int	The number of awards expected to be issued.	NON-NEGATIVE
eligibility	varchar(4000)	Eligibility criteria for the grant.	—
award_max_amount	int	Maximum amount that can be awarded.	NON-NEGATIVE
award_min_amount	int	Minimum amount that can be awarded.	NON-NEGATIVE
program_funding	int	Total funding available for the grant.	NON-NEGATIVE
provider	varchar(255)	The organization providing the grant.	—
link_to_source	varchar(2048)	Link to the official grant listing.	NOT NULL
point_of_contact	varchar(300)	Point of contact for the grant.	—
date_posted	date	The date the grant was posted.	—
archive_date	date	The date the grant was archived.	—
date_closed	date	The date the grant was closed.	—
last_update_date	date	The date the grant information was last updated.	—

Note the GRANT data table is scraped directly from external sources. The fields and data types shown are mostly taken directly from Grants.gov.

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