# Data Dictionary

Generated with the assistance of ChatGPT

October 11, 2025

# Contents

# 1. USER Table

| Field Name | Data Type | Description | Constraints |
| --- | --- | --- | --- |
| name | Complex | The name of the user. | — |
| f_name | varchar(250) | User's first name. | — |
| m_name | varchar(250) | User's middle name. | — |
| l_name | varchar(250) | User's last name. | — |
| institution | varchar(250) | The name of the institution that the user is a part of. | UNIQUE |
| user_id | char(20) | An ID generated for the user. | PRIMARY KEY |
| email | varchar(250) | The user's email address. | UNIQUE, NOT NULL |
| hashed_password | varchar(250) | The password hash used for authentication. | NOT NULL |
| Research_fields | varchar(250) | The fields of research the user is interested in obtaining grants for. | — |

# 2. DOCUMENTS Table

| Field Name | Data Type | Description | Constraints |
| --- | --- | --- | --- |
| document_name | varchar(250) | The name of the document. | — |
| upload_date | date | The date the document was uploaded. | — |
| document_id | char(20) | A unique identifier for the document. | PRIMARY KEY |
| document_type | varchar(10) | The type of file. | — |
| document_size | int | The size of the document. | — |
| application_id | char(20) | Identifier linking the document to an application. | FOREIGN KEY |

# 3. APPLICATION Table

| Field Name | Data Type | Description | Constraints |
| --- | --- | --- | --- |
| application_id | char(20) | Unique identifier for the application. | PRIMARY KEY |
| status | varchar(250) | The current status of the application. | — |
| grant_id | char(20) | Identifier for the related grant. | FOREIGN KEY |
| user_id | char(20) | Identifier for the user who submitted the application. | FOREIGN KEY |

## 4. INTERNAL DEADLINES Table

| Field Name | Data Type | Description | Constraints |
| --- | --- | --- | --- |
| deadline_id | char(20) | A unique identifier for the internal deadline. | PRIMARY KEY |
| deadline_name | varchar(250) | The name of the deadline. | — |
| deadline_date | date | The date that the deadline applies to. | — |
| application_id | char(20) | Identifier for the related application. | FOREIGN KEY |

## 5. 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. | — |
| eligibility | varchar(4000) | Eligibility criteria for the grant. | — |

| Field Name | Data Type | Description | Constraints |
|---|---|---|---|
| award_max_amnt | int | Maximum amount that can be awarded. | — |
| award_min_amnt | int | Minimum amount that can be awarded. | — |
| program_funding | int | Total funding available for the grant. | — |
| provider | varchar(255) | The organization providing the grant. | — |
| link_to_source | varchar(250) | Link to the official grant listing. | — |
| point_of_contact | varchar(3000) | 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. | — |

*This data dictionary was generated with the assistance of ChatGPT.*