

Database model documentation

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1. Model details

Model name:

Passwords

Version:

2.4

Database engine:

PostgreSQL

Description:

2. Tables

2.1. Table Users

Description:

Holds Users general data

2.1.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
email	text		
passwordHash	text		
tfaCode	text		
salt	text		

2.2. Table Password

Description:

Holds password added bu users

2.2.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	uuid4
email	text		hashed value of email
login	text		hashed value of login
password	text		hashed value of password
domain	text		domain
tfa	text		hashed value of tfa code
favourite	boolean		is favourite/ maybe will delete

2.3. Table Password_User

Description:

Helping table for passwords

2.3.1. Columns

Column name	Type	Properties	Description
Users_id	varchar(37)		
Password_id	varchar(37)		

2.4. Table Notes

Description:

hold user added Notes

2.4.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
name	text		hash of name of note
content	text		hash o note content
favourite	boolean		is favourite

2.5. Table Attachment

Description:

every entry can have attachments, so this is place for them

2.5.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
name	text		hash of attachment name
content	text		hash of base64 value

2.6. Table Attachment_Password

Description:

helper table for attachment

2.6.1. Columns

Column name	Type	Properties	Description
Password_id	varchar(37)		
Attachment_id	varchar(37)		

2.7. Table Attachment_Notes

Description:

attachment helper table

2.7.1. Columns

Column name	Type	Properties	Description
Attachment_id	varchar(37)		

Notes_id	varchar(37)		
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2.8. Table User_Notes

Description:

helper table for notes

2.8.1. Columns

Column name	Type	Properties	Description
Notes_id	varchar(37)		
Users_id	varchar(37)		

2.9. Table License

Description:

hold user added license/document

2.9.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
name	text		hash of ambiguous name of license/document
diverse	text		hash of different data on license/document in format [{name:string; content:string}]
favourite	boolean		is favourite

2.10. Table License_Attachment

Description:

attachment helper table

2.10.1. Columns

Column name	Type	Properties	Description
License_id	varchar(37)		
Attachment_id	varchar(37)		

2.11. Table User_License

Description:

license helper table

2.11.1. Columns

Column name	Type	Properties	Description
License_id	varchar(37)		
Users_id	varchar(37)		

2.12. Table Identity

Description:

hold identity added by user

2.12.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
name	text		hash of persons name
surname	text		hash of persons surname
country	text		hash of country name
state	text		hash of stste name
city	text		hash of city name
street	text		hash of street name
number	text		hash of house number
favourite	boolean		is favourite

2.13. Table Identity_Attachment

Description:

attachment helper table

2.13.1. Columns

Column name	Type	Properties	Description
Identity_id	varchar(37)		
Attachment_id	varchar(37)		

2.14. Table User_Identity

Description:

identity helper table

2.14.1. Columns

Column name	Type	Properties	Description
Identity_id	varchar(37)		
Users_id	varchar(37)		

2.15. Table CreditCard

Description:

hold credit card added by user

2.15.1. Columns

Column name	Type	Properties	Description
id	varchar(37)	PK	
bankName	text		hash of bank name
number	text		hash of card number
brand	text		hash of card brand, i really dont want to give any info for free
cvv	text		hash of cvv
owner	text		hash of owner data
expDate	text		hash of expiration date
favourite	boolean		is favourite

2.16. Table User_CreditCard**Description:**

helper table for credit cards

2.16.1. Columns

Column name	Type	Properties	Description
CreditCard_id	varchar(37)		
Users_id	varchar(37)		

2.17. Table CreditCard_Attachment**Description:**

attachment helper tabel

2.17.1. Columns

Column name	Type	Properties	Description
Attachment_id	varchar(37)		
CreditCard_id	varchar(37)		

2.18. Table Users_mail**2.18.1. Columns**

Column name	Type	Properties	Description
id	varchar(37)	PK	
Users_id	varchar(37)		id of user owning mailbox

mail	text		name of mailbox users owns
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2.18.2. Alternate keys

Key name	Columns	Description
mail	mail	

3. References

3.1. Reference Password_User_Users

Users	0..*	Password_User
id	<->	Users_id

3.2. Reference Password_User_Password

Password	0..*	Password_User
id	<->	Password_id

3.3. Reference Attachment_Cipher_Password

Password	0..*	Attachment_Password
id	<->	Password_id

3.4. Reference Attachment_Cipher_Attachment

Attachment	0..*	Attachment_Password
id	<->	Attachment_id

3.5. Reference Attachment_Notes_Attachment

Attachment	0..*	Attachment_Notes
id	<->	Attachment_id

3.6. Reference Attachment_Notes_Notes

Notes	0..*	Attachment_Notes
id	<->	Notes_id

3.7. Reference User_Notes_Notes

Notes	0..*	User_Notes
id	<->	Notes_id

3.8. Reference User_Notes_Users

Users	0..*	User_Notes
id	<->	Users_id

3.9. Reference License_Attachment_License

License	0..*	License_Attachment
id	<->	License_id

3.10. Reference License_Attachment_Attachment

Attachment	0..*	License_Attachment
id	<->	Attachment_id

3.11. Reference User_License_License

License	0..*	User_License
id	<->	License_id

3.12. Reference User_License_Users

Users	0..*	User_License
id	<->	Users_id

3.13. Reference Identity_Attachment_Identity

Identity	0..*	Identity_Attachment
id	<->	Identity_id

3.14. Reference Identity_Attachment_Attachment

Attachment	0..*	Identity_Attachment
id	<->	Attachment_id

3.15. Reference User_Identity_Identity

Identity	0..*	User_Identity
id	<->	Identity_id

3.16. Reference User_Identity_Users

Users	0..*	User_Identity
id	<->	Users_id

3.17. Reference CreditCard_Attachment_Attachment

Attachment	0..*	CreditCard_Attachment
id	<->	Attachment_id

3.18. Reference CreditCard_Attachment_CreditCard

CreditCard	0..*	CreditCard_Attachment
id	<->	CreditCard_id

3.19. Reference User_CreditCard_CreditCard

CreditCard	0..*	User_CreditCard
id	<->	CreditCard_id

3.20. Reference User_CreditCard_Users

Users	0..*	User_CreditCard
id	<->	Users_id

3.21. Reference Users_Mail

Users	0..*	Users_mail
id	<->	Users_id