MENTORIUS | ?
ask any doubts

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Project Definition	**"Mentorius - ask any doubts!"**

Data Dictionary

A data dictionary is a structured collection of metadata that defines the data elements, their attributes, and their relationships within a database. It provides a centralized repository of information about the data in a database, including the names and definitions of tables, columns, and other database objects, as well as information about data types, constraints, and other properties.
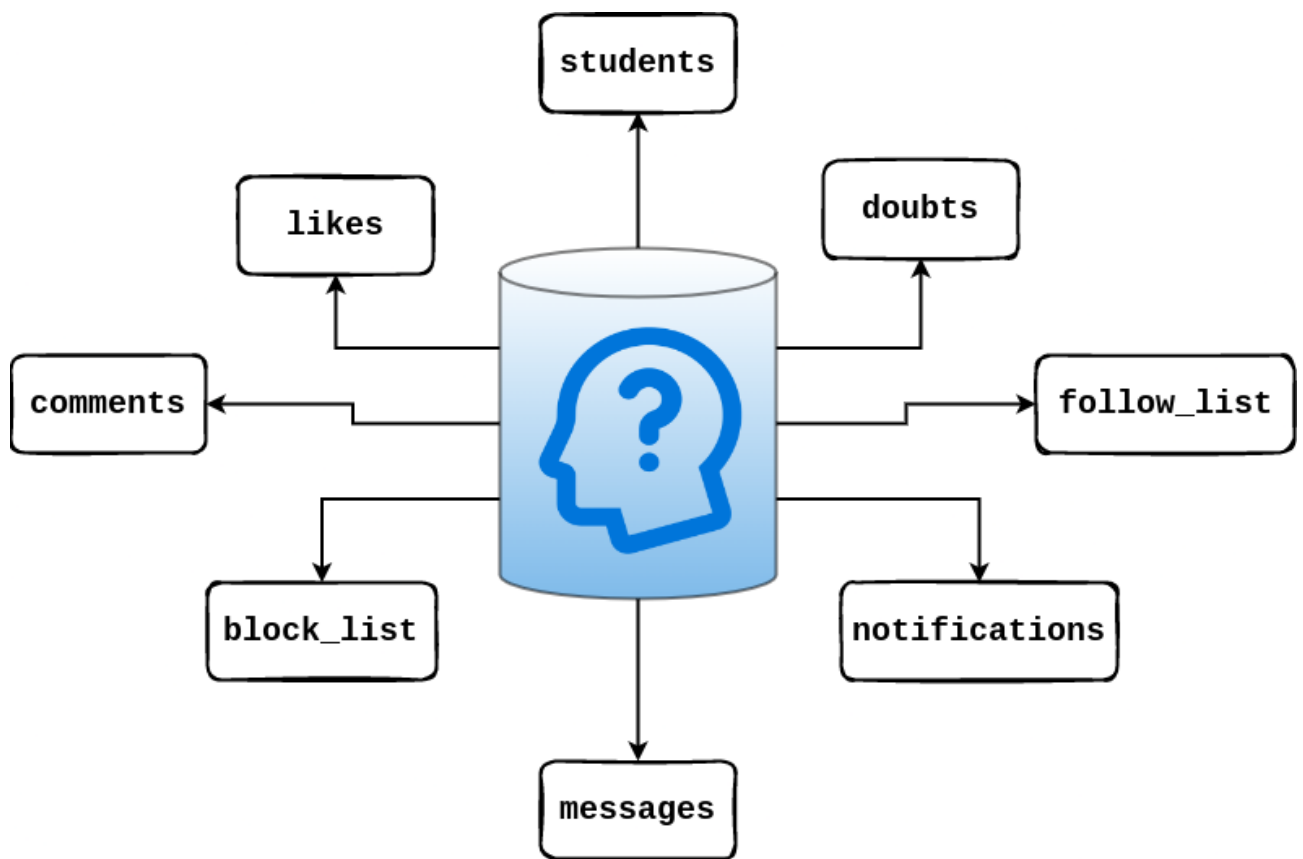
students

likes

doubts

comments

follow_list

block_list

notifications

messages

Table: **students**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for the student
username	varchar	50	unique	No	-	Username chosen by the student for logging in
password	text	8	-	No	-	Password chosen by the student for logging in
first_name	varchar	50	-	No	-	First name of the student
last_name	varchar	50	-	No	-	Last name of the student
gender	int	11	-	No	-	Gender of the student
email	varchar	50	unique	No	-	Email address of the student
education	varchar	50	-	Yes	NULL	Educational qualification of the student
profile_pic	text	-	-	Yes	'noprofile.jpg'	URL to profile picture of the student
created_at	timestamp	-	-	No	current_timestamp()	Timestamp when the student was created
updated_at	timestamp	-	-	Yes	CURRENT_TIMESTAMP on update	Timestamp when the student was updated
ac_status	int	10	-	No	0	Account status of the student (0=not verified, 1=active, 2=blocked)

Table: **doubts**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for the doubt
user_id	int	11	Foreign Key (students.id)	No	-	Id of user who created the doubt
doubt_img	text	-	-	Yes	-	URL to the image associated with the doubt
doubt_text	text	255	-	No	-	Text description of the doubt
created_at	timestamp	-	-	No	current_timestamp()	Timestamp when the doubt was created

Table: **comments**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for a comment
doubt_id	int	11	Foreign Key (doubts.id)	No	-	Id of the doubt on which a comment was done
user_id	int	11	Foreign Key (students.id)	No	-	Id of the user who did a comment
comment	text	-	-	No	-	Comment message
created_at	timestamp	-	-	No	current_timestamp()	Timestamp when the comment was created

Table: **likes**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for each like
doubt_id	int	11	Foreign Key (doubts.id)	No	-	Id of doubt being liked
user_id	int	11	Foreign Key (students.id)	No	-	Id of user who likes doubt

Table: **block_list**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for each block
user_id	int	11	Foreign Key (students.id)	No	-	Id of user who blocks other user
blocked_user_id	int	11	Foreign Key (students.id)	No	-	Id of user being blocked

Table: **follow_list**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for each record(follow)
follower_id	int	11	Foreign Key (students.id)	No	-	id of the user who is following another user
user_id	int	11	Foreign Key (students.id)	No	-	id of the user who is being followed

Table: **messages**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for each message
from_user_id	int	11	Foreign Key (students.id)	No	-	user_id of the sender of the message
to_user_id	int	11	Foreign Key (students.id)	No	-	user_id of the receiver of the message
message	text	-	-	No	-	Content of the message
read_status	boolean	1	-	No	0	Flag indicating whether the message has been read or not
created_at	timestamp	-	-	No	current_timestamp()	Time when message was sent

Table: **notifications**

Field	Data Type	Length	Key	Nullable	Default	Description
id	int	11	Primary Key, Auto Increment	No	-	Unique identifier for each notification
from_user_id	int	11	Foreign Key (students.id)	No	-	ID of the user who triggers the notification
to_user_id	int	11	Foreign Key (students.id)	No	-	ID of the user who will receive the notification
message	varchar	255	-	No	-	Content of notification
doubt_id	int	11	Foreign Key (doubts.id)	No	-	ID of the doubt that the

						notification is related to
read_status	boolean	1	-	No	0	Flag indicating whether the notification has been read or not
created_at	timestamp	-	-	No	current_timestamp()	Timestamp when the notification was created