

Database Doc V0.2

Basically there will be 3 tables in the database: **User**, **Note** and **Comment**. Here is the detail description of these three tables.

User Table

Name	Type	Comment
userid	INT	AUTO_INCREMENT PRIMARY_KEY
username	VARCHAR(30)	no longer than 30 chars
password	VARCHAR(30)	no longer than 30 chars
gender	BIT	male / female
avatar	VARCHAR(128)	url address
info	TEXT	json description content

The content store in the **info** part includes:

- age: int
- birthday: date
- what's up: string
- region: place

(this part is for extenstion)

Note Table

Name	Type	Comment
noteid	INT	AUTO_INCREMENT PRIMARY_KEY
longitude	VARCHAR(16)	longitude
latitude	VARCHAR(16)	Latitude
date	DATE	date of the post
content	VARCHAR(256)	content of the post
type	SMALLINT	different type of post
userid	INT	FOREIGN_KEY
info	TEXT	json description content

type detail

- 0: Text

- 1: Image
- 2: Sound
- 3: Video
- 4: Lost&Found
- 5: Poster/Activity
- 6: Emotion
- 7: Gossip

The content store in the `infor` part includes:

- image:
- sound:
- video:

(this part is for extension)

Comment Table

Name	Type	Comment
commentid	INT	AUTO_INCREMENT PRIMARY_KEY
date	DATE	date of the post
content	VARCHAR(256)	content of the post
userid	INT	FOREIGN_KEY (this is the user who posts the comment)
noteid	INT	FOREIGN_KEY