Database Doc V0.3

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
_id	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	TEXT	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
_id	INT	`AUTO_INCREMENT` `PRIMARY_KEY`
longitude	FLOAT	longitude
latitude	FLOAT	Latitude
date	DATETIME	date of the post
content	TEXT	content of the post
type	INT	different type of post
userid	INT	`FOREIGN_KEY`
username	TEXT	name of the userid
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 extenstion)

Comment Table

Name	Type	Comment
_id	INT	`AUTO_INCREMENT` `PRIMARY_KEY`
date	DATETIME	date of the post
content	TEXT	content of the post
userid	INT	`FOREIGN_KEY` (this is the user who posts the comment)
username	TEXT	the name of userid
noteid	INT	`FOREIGN_KEY`