

| user | |
|------|----------------|
| PK | <u>user_id</u> |
| | name: TEXT |
| | age: INTEGER |

| card | |
|------|-------------------------|
| PK | <u>card_id: INTEGER</u> |
| | created: INTEGER |
| | information: STRING |
| | date: INTEGER |
| | location: STRING |
| | soundbite: STRING |

There must be one user
however there are many "cards"
that can exist and be utilized

There must be one user
to select the notification
settings for the application.
There may be multiple notifications
depending on what the user desires.

| notification | |
|--------------|-------------------------------|
| PK | <u>notifications_id: TEXT</u> |
| FK1 | card_id: INTEGER |
| | frequency: INTEGER |
| | soundbite: STRING |

A notification will request
a response, you have to give it
at the time the notification
for the reminder is presented.
Rigth or wrong, there may
be more than one notification
depending on the settings chosen.

| response | |
|----------|-----------------------------|
| PK | <u>response_id: INTEGER</u> |
| FK1 | card_id: INTEGER |
| FK2 | notification_id: TEXT |
| | set_next_reminder: DATE |
| | correct_response: INTEGER |
| | incorrect_response: INTEGER |
| FK3 | information: STRING |

There must be at least one
card to have a reponse to
without the existence of a
card, there can be no responses.
While a card can exist without
given responses, it would
make the application null.

