1. user
   1. id
   2. email
   3. name
   4. pwd
   5. registration\_datetime
2. avatar
   1. id
   2. pic\_url
   3. upload\_datetime
3. article
   1. id
   2. author\_id
   3. datetime
   4. approved
   5. up\_num
   6. down\_num
   7. yes\_num
   8. no\_num
4. comment
   1. id
   2. user\_id
   3. article\_id
   4. datetime
5. message
   1. id
   2. to
   3. from
   4. datetime
6. relationship
   1. id
   2. follower\_id
   3. followed\_id
7. invitation\_code
   1. id
   2. owner\_id
   3. used
   4. user\_id
   5. generated\_datetime
   6. code