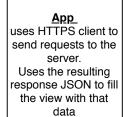
Basics



communication over HTTPS

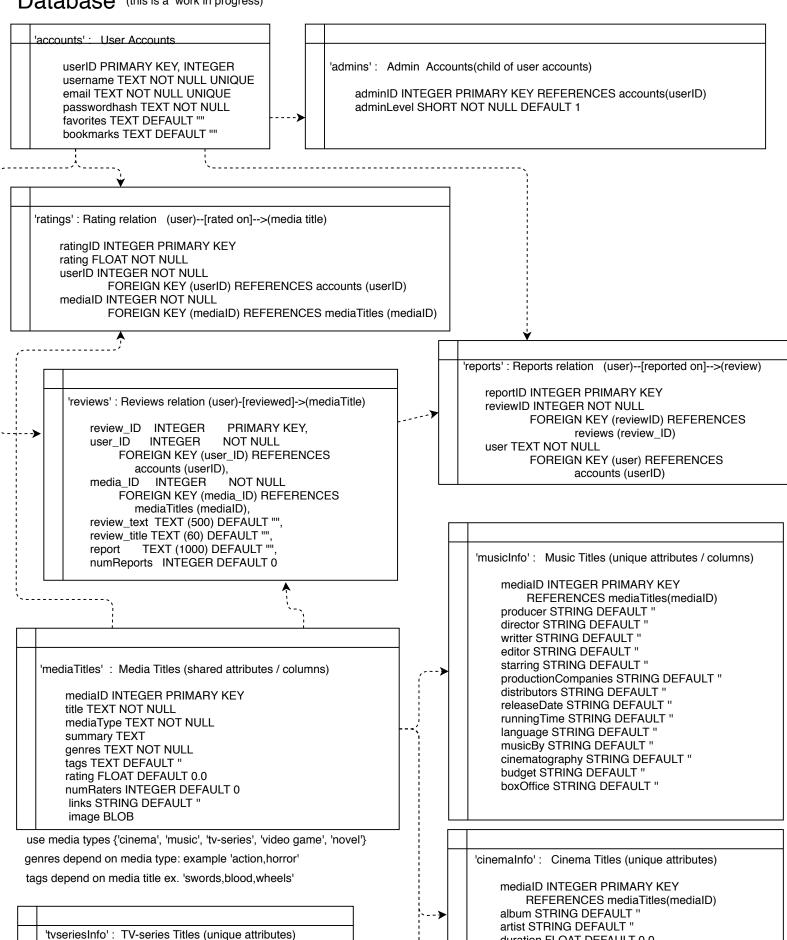
Server uses HTTPS server to accept request from clients (the app) and performs some task depending on the servlet.

The server then communicates with theSQLite3 database via jdbc driver.

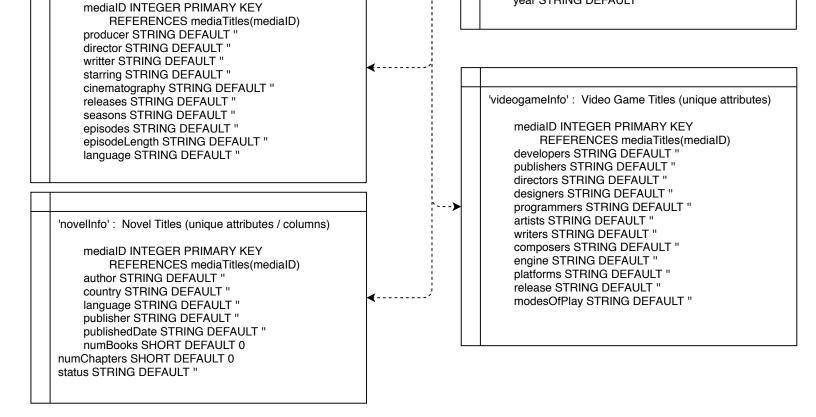
communicate over SQLite query language

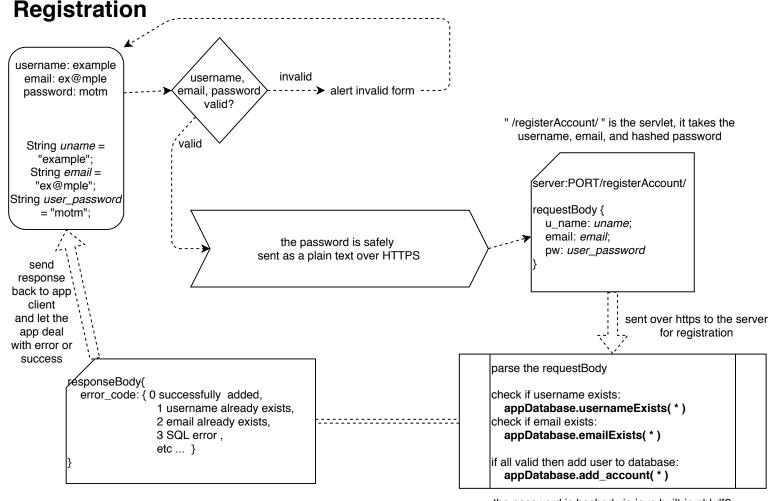
<u>SQLite3 database</u> holds all data pertaining to accounts and media title information

Database (this is a work in progress)

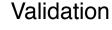


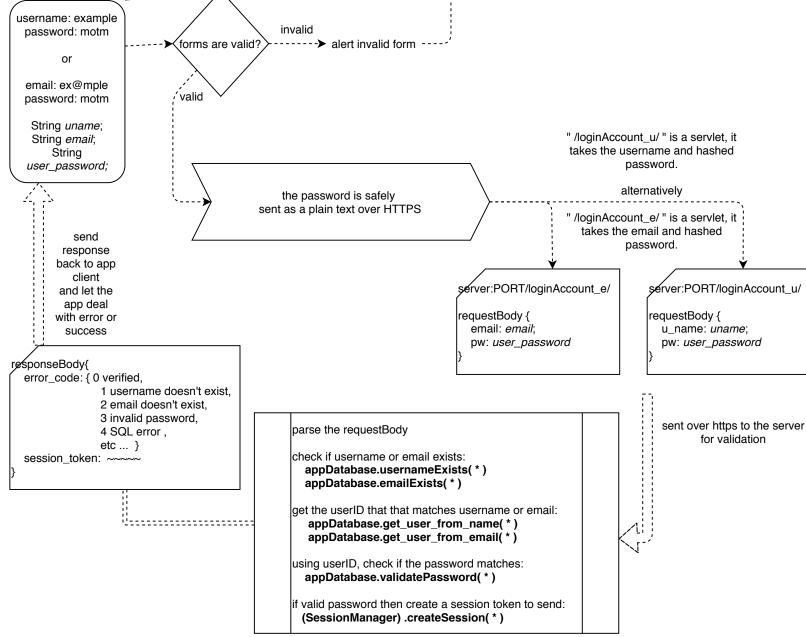
duration FLOAT DEFAULT 0.0





the password is hashed via java built-in pbkdf2

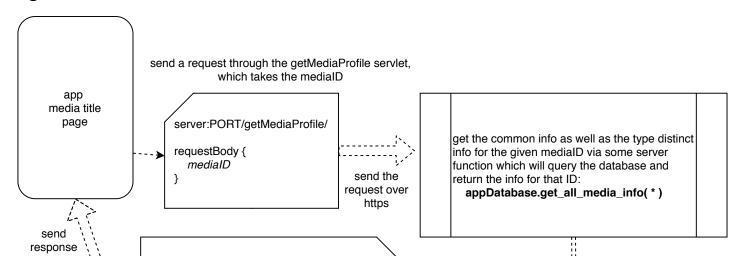




The given password is is verified by applying the hashing function and comparing the differences between the stored hash and the calculated hash.

The session manager will keep track of all active sessions and remove expired sessions after a set time

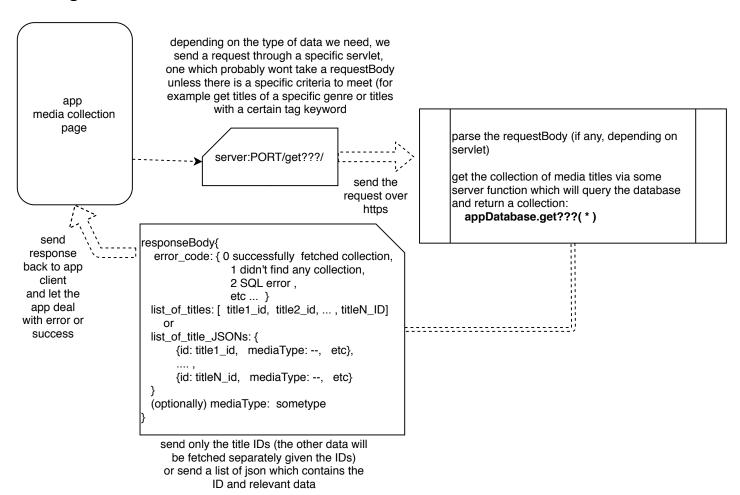
get Media Profile



```
back to app
                       responseBody{
   client
                         error_code: { 0 successfully fetched collection,
and let the
                                        1 invalid mediaID,
                                                                          L------
 app deal
                                        2 critical server error,
with error or
                                        etc ... }
 success
                         common: {~:~, , , }
                        distinct: \{\sim:\sim, , , \}
                         cover_img (sent separately)
                             send all necessary data (image will
                           probably have to be sent separately due
```

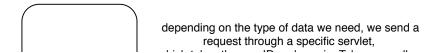
to http functionality)

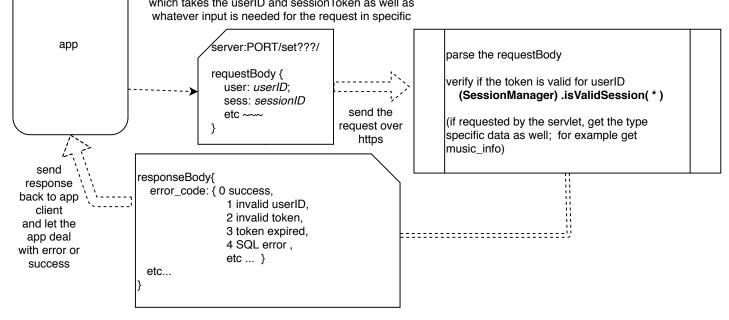
example of a general endpoint ex: get collection of Media titles



account sensitive request (example)

(post review, set rating, make changes to account page, etc)





send error and any thing else needed