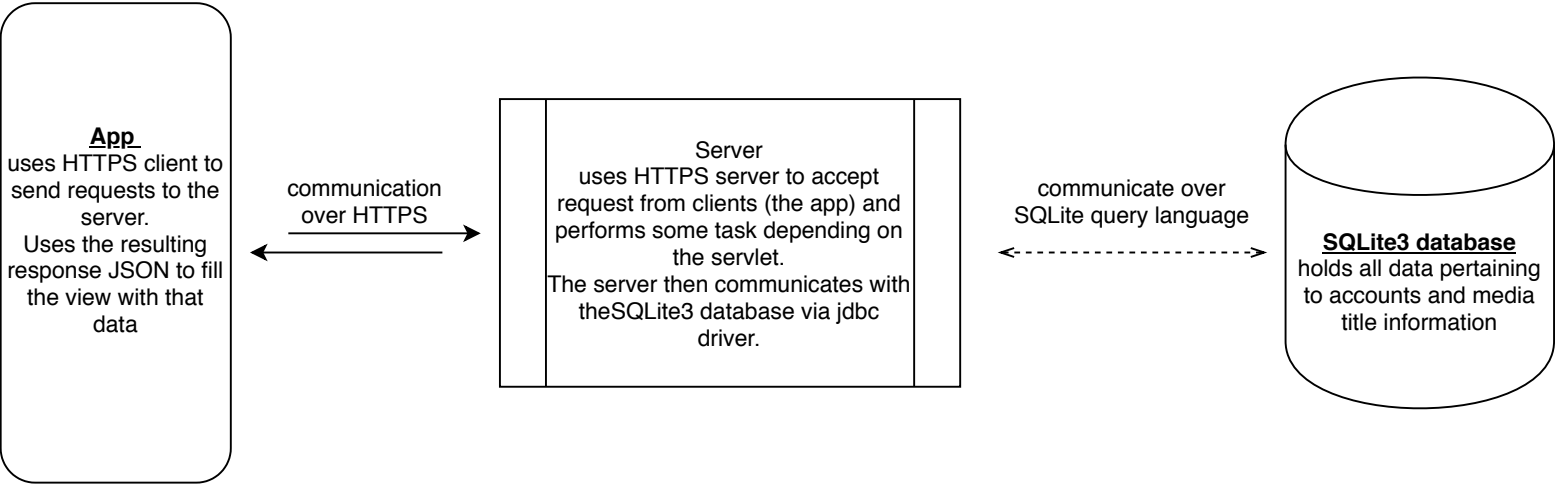


Developers of the Millenium

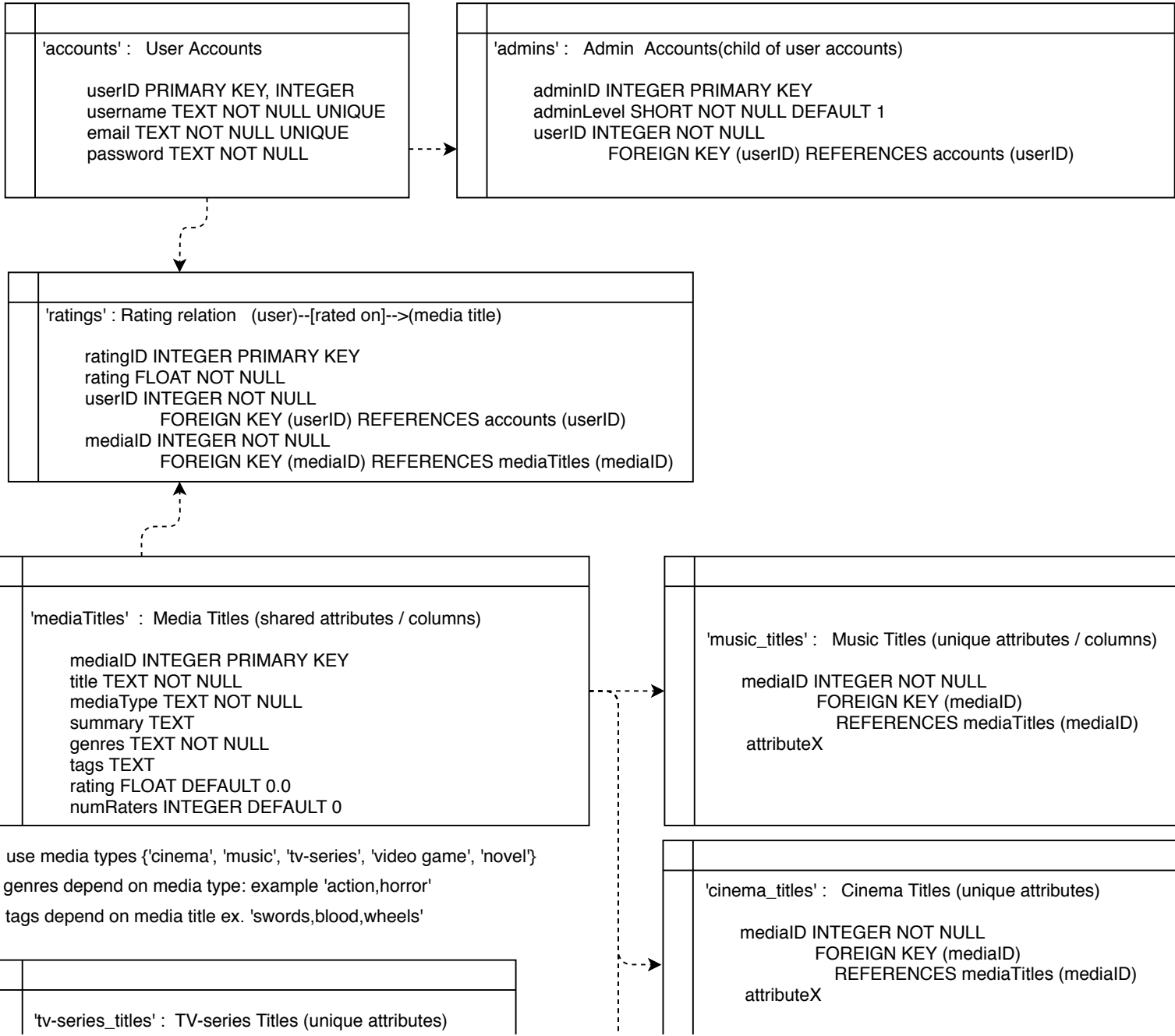
System Design

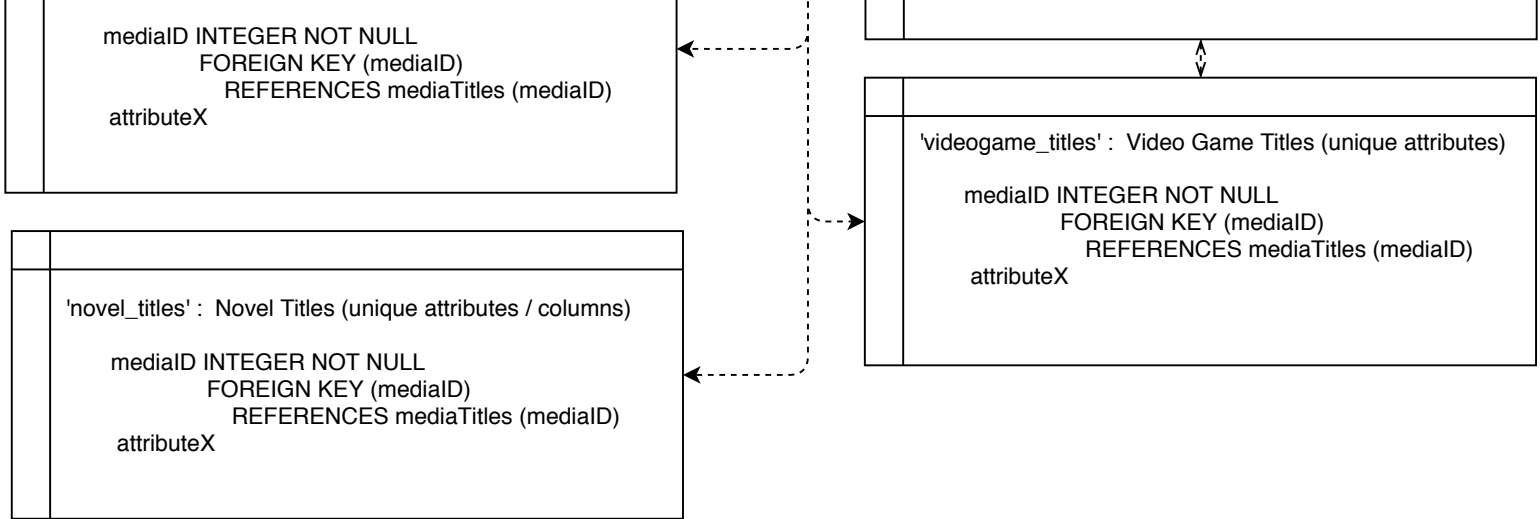
Table of Contents
Software Architecture Diagram
CRC Cards

Basics

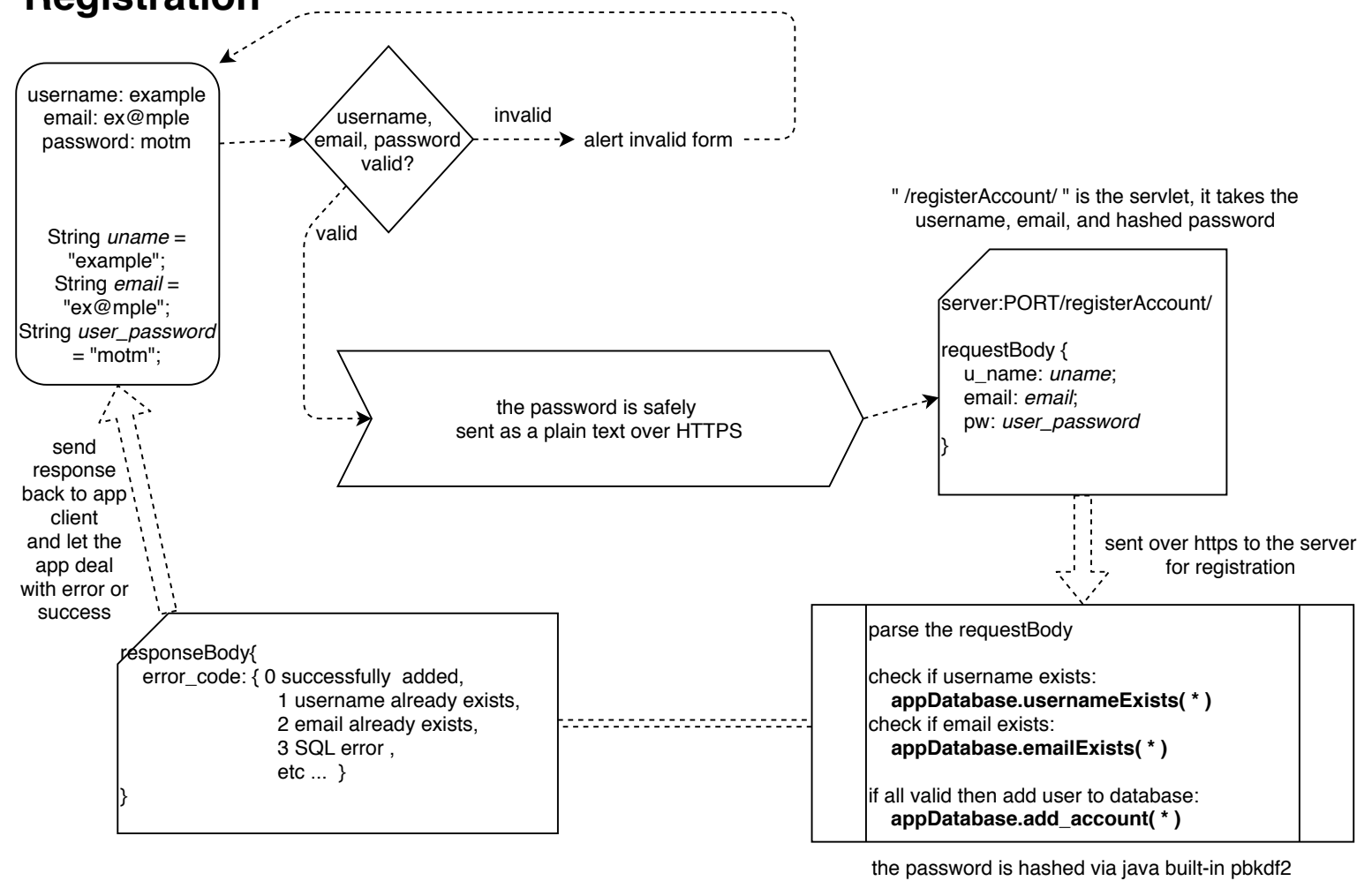


Database (this is a work in progress)

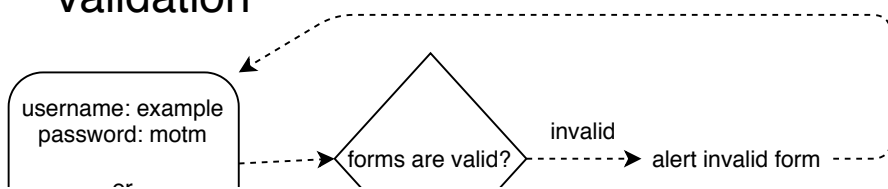


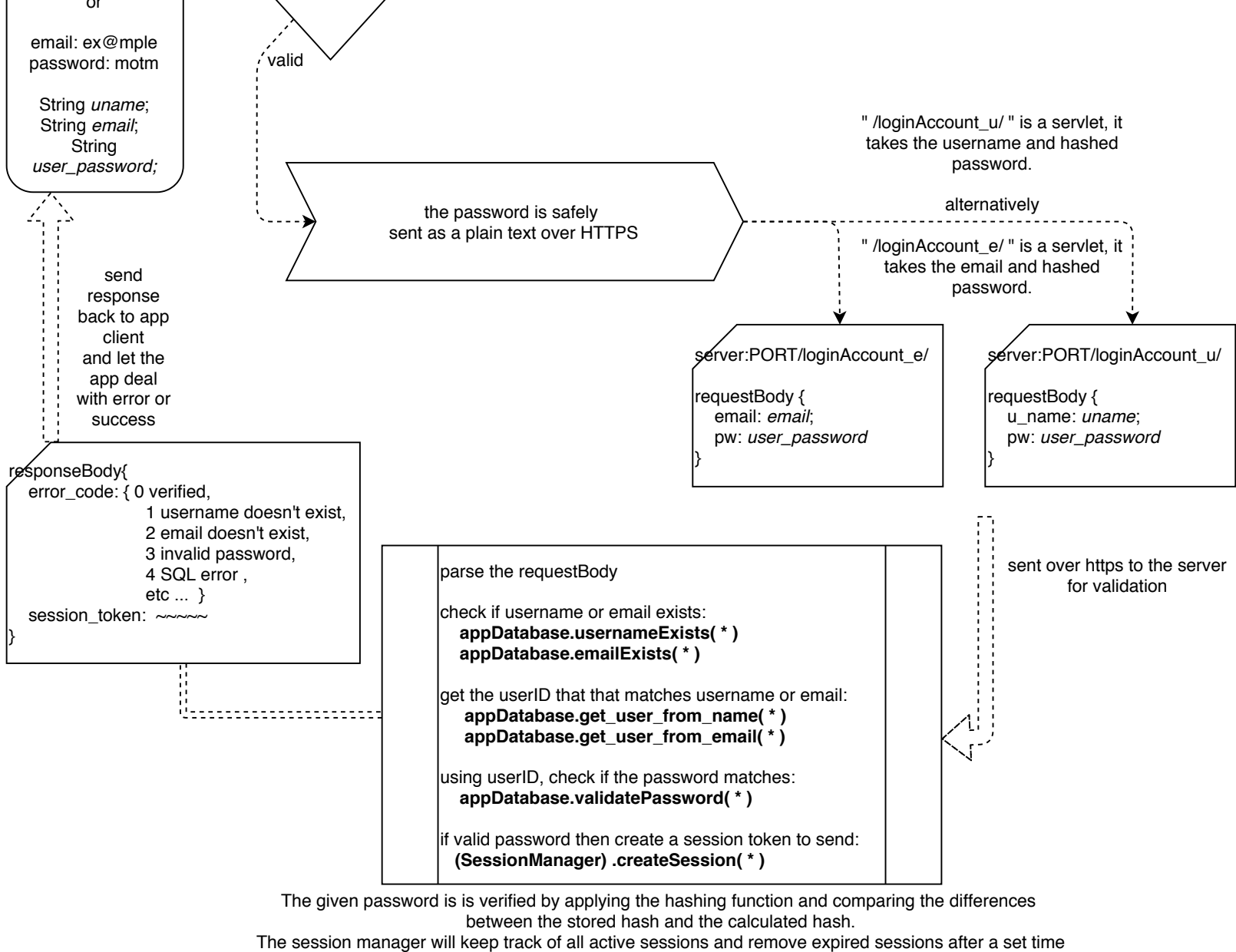


Registration

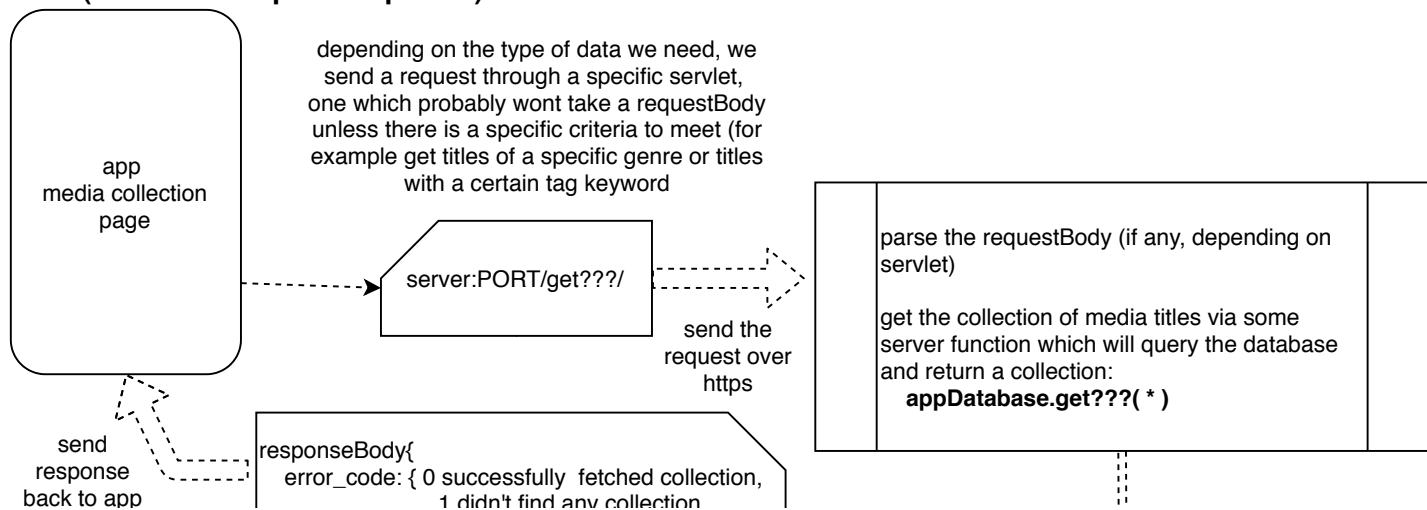


Validation





get collection of Media titles (for example top 10)

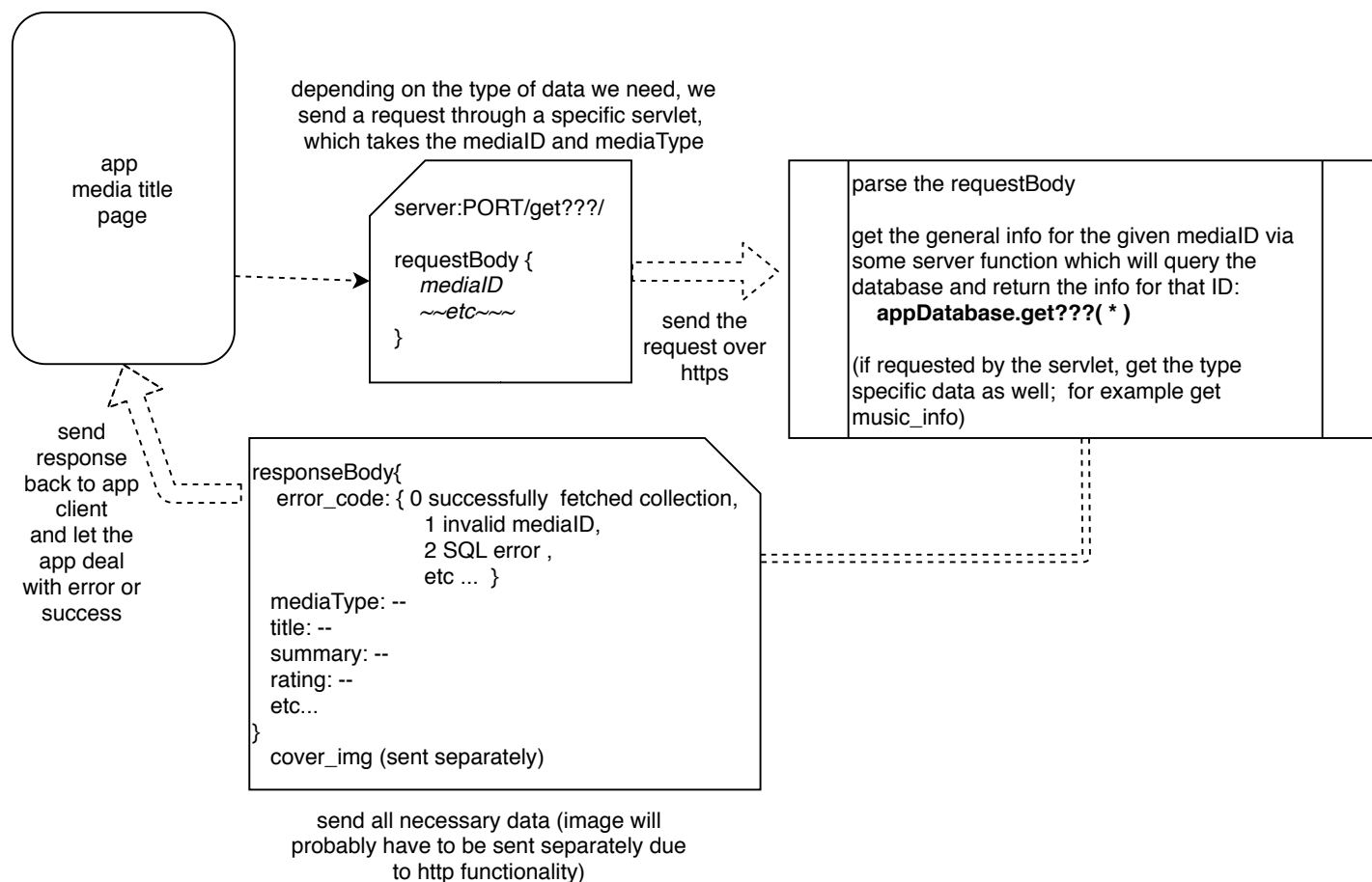


client
and let the
app deal
with error or
success

```
1 didn't find any collection,  
2 SQL error ,  
etc ... }  
list_of_titles: [ title1_id, title2_id, ... , titleN_ID]  
or  
list_of_title_JSONs: {  
  {id: title1_id, mediaType: --, etc},  
  .... ,  
  {id: titleN_id, mediaType: --, etc}  
}  
(optionally) mediaType: sometype  
}
```

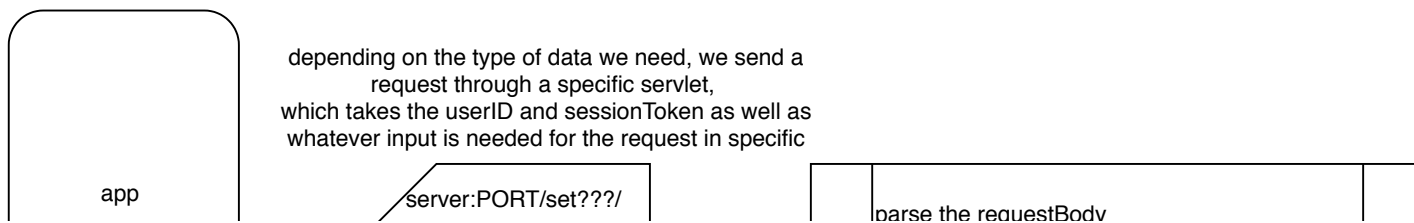
send only the title IDs (the other data will
be fetched separately given the IDs)
or send a list of json which contains the
ID and relevant data

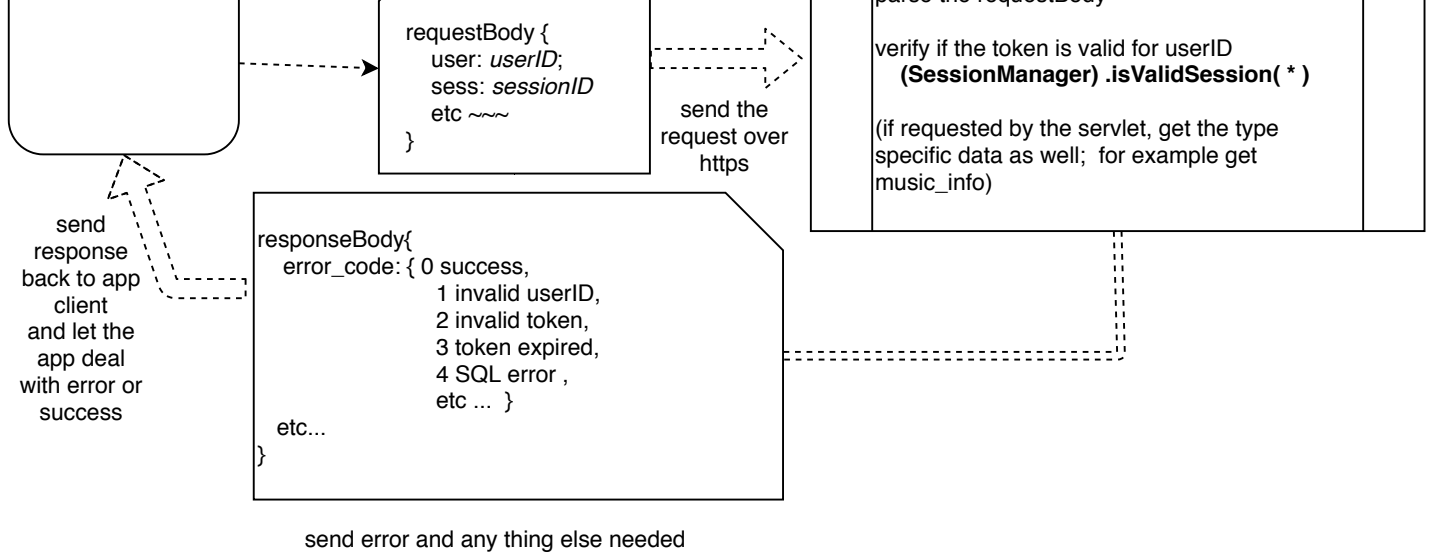
get Media title info



make account sensitive request (WIP)

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





MediaProfilePage		AppDatabase
<ul style="list-style-type: none">• Stores information about a media profile pages in an object• Stored information will be retrieved and displayed on the UI		

ReviewFragment		
<ul style="list-style-type: none">• Created functionality to the page• user is able to add,edit, and delete reviews		

reviews_page_fragment.xml		
<ul style="list-style-type: none">• Updated the layout to work with the functionality		

Reviews		AppDatabase
<ul style="list-style-type: none">• created database for the reviews• stores information that is linked to each review made		

Server		
<ul style="list-style-type: none">• host the https server• main handler of session manager• main handler of database	<ul style="list-style-type: none">• InetAddress• SSLContext• SessionManager• AppDatabase• registerAccount• validateAccount	

registerAccount

- | | |
|--|--|
| <ul style="list-style-type: none">• communicate with the AppDatabase and Server to handle a request from a client, take appropriate action by interacting with the database, then returning a reply to the client• register an account with the arguments provided in the request body• (might return a sessionID on registration, allowing user to proceed after registration rather than sending back to the login page) | <ul style="list-style-type: none">• AppDatabase• (SessionManager) |
|--|--|

validateAccount

- | | |
|---|--|
| <ul style="list-style-type: none">• communicate with the AppDatabase and Server to handle a request from a client, take appropriate action by interacting with the database, then returning a reply to the client• validate account credentials with the arguments provided in the request body• return a session ID on valid credentials | <ul style="list-style-type: none">• AppDatabase• SessionManager |
|---|--|

HelloWorld

- | | |
|---|--|
| <ul style="list-style-type: none">• communicate with the Server to handle a request from a client and send a reply to the client• testing communication through the connection | |
|---|--|