

Developers of the Millenium

System Design

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CRC Cards
System Architecture Design

**MainActivity**

FragmentChangeListener

- Starting Login page
- Title page

- FragmentChangeListener

**LoginPageFragment**

Fragment

- displays the login page and would later send the information to the server

- RegistrationPageFragment

**RegistrationPageFragment**

Fragment

- This page allows the user to either login, or register to the site. A client/user will also have the option to proceed as a guest but with limited functionality.

- LoginPageFragment

**MediaProfilePageFragment**

Fragment

- Shows the overall profile of the selected media. This includes current rating, media art , Title and the ability to add to favorites.

- ReviewsFragment
- MediaProfileFetcher

**ReviewsFragment**

Fragment

- This allows a user/client to give a review on the selected media.

- MediaProfilePageFragment

**FragmentChangeListener**

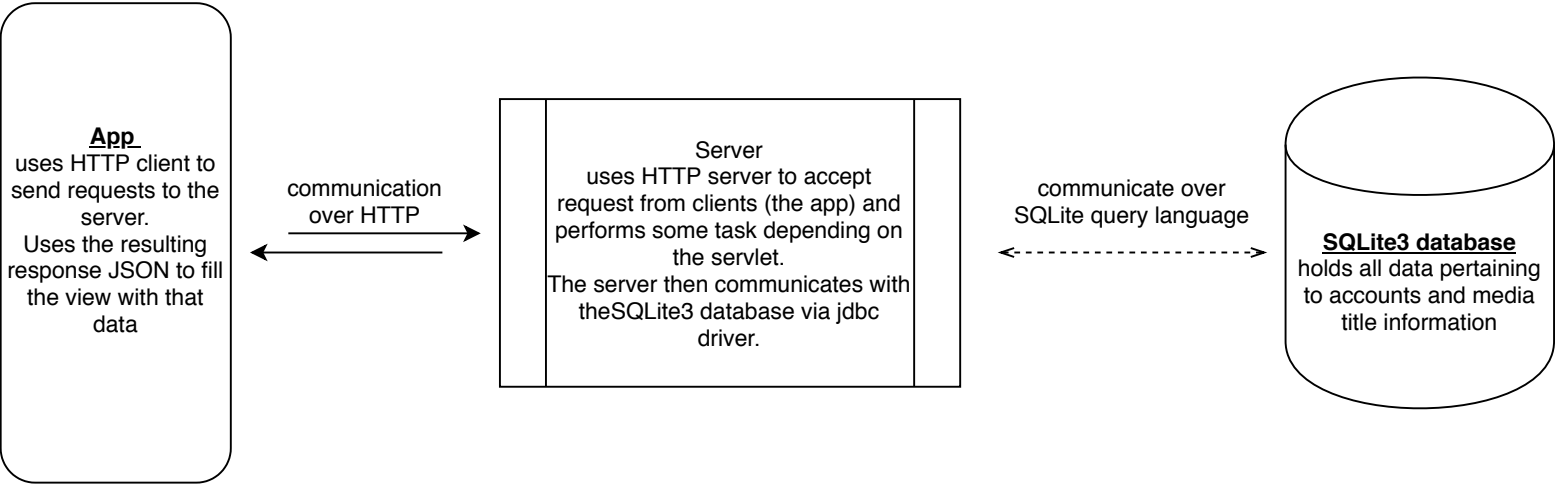
- Watches for changes in the fragment backstack

- MainActivity

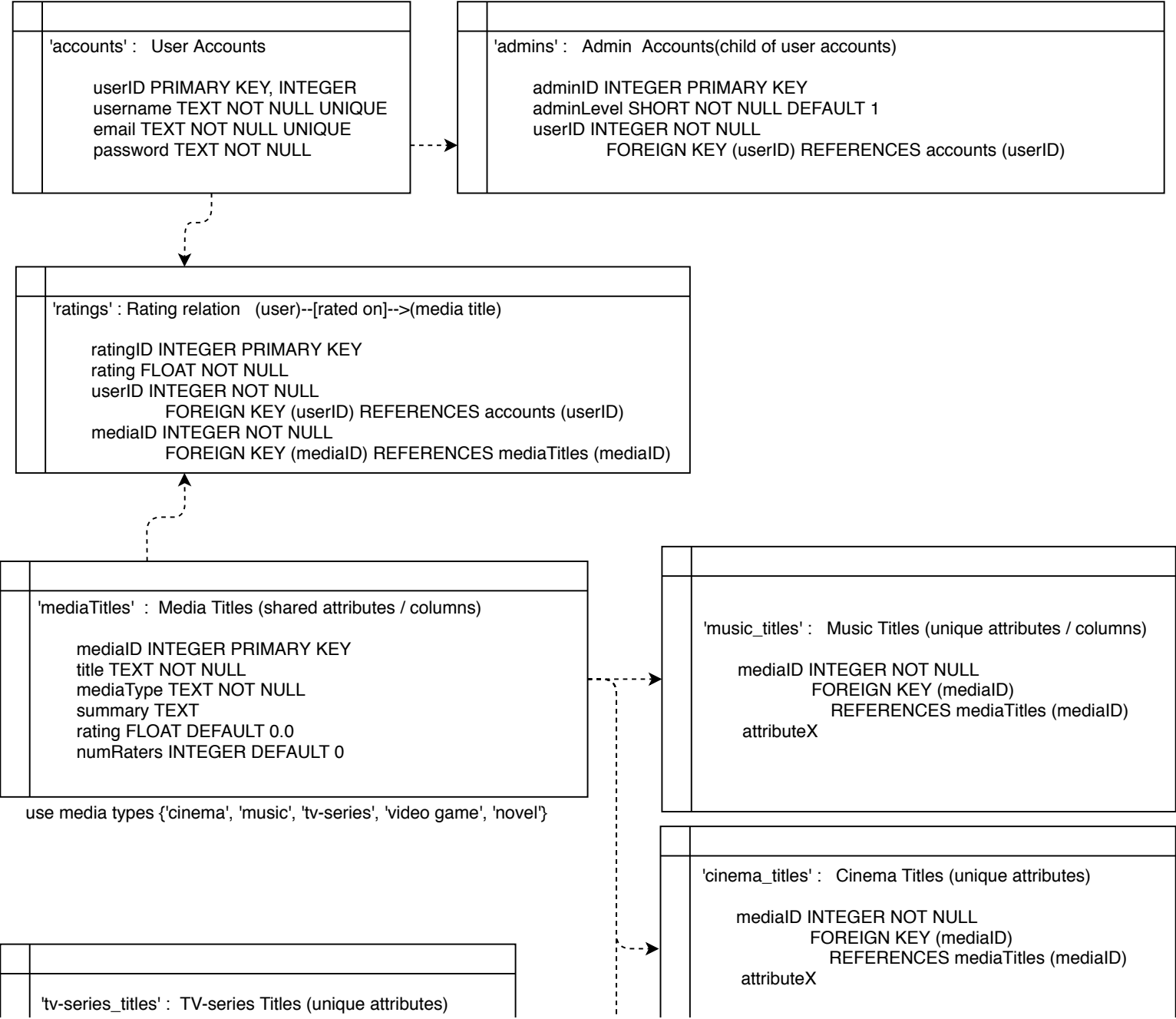
MediaProfileFetcher

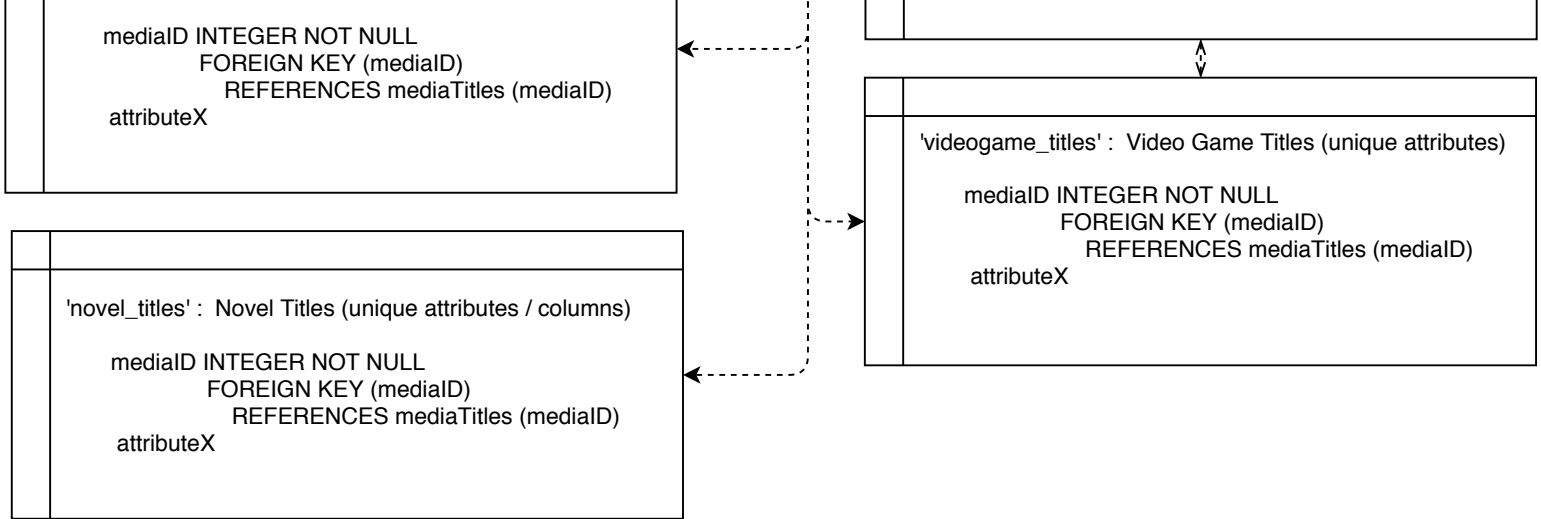
- |                                                                                                                       |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Fetches information about the Media Profile from database on a server</li></ul> | <ul style="list-style-type: none"><li>MediaProfilePageFragment</li></ul> |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|

# Basics

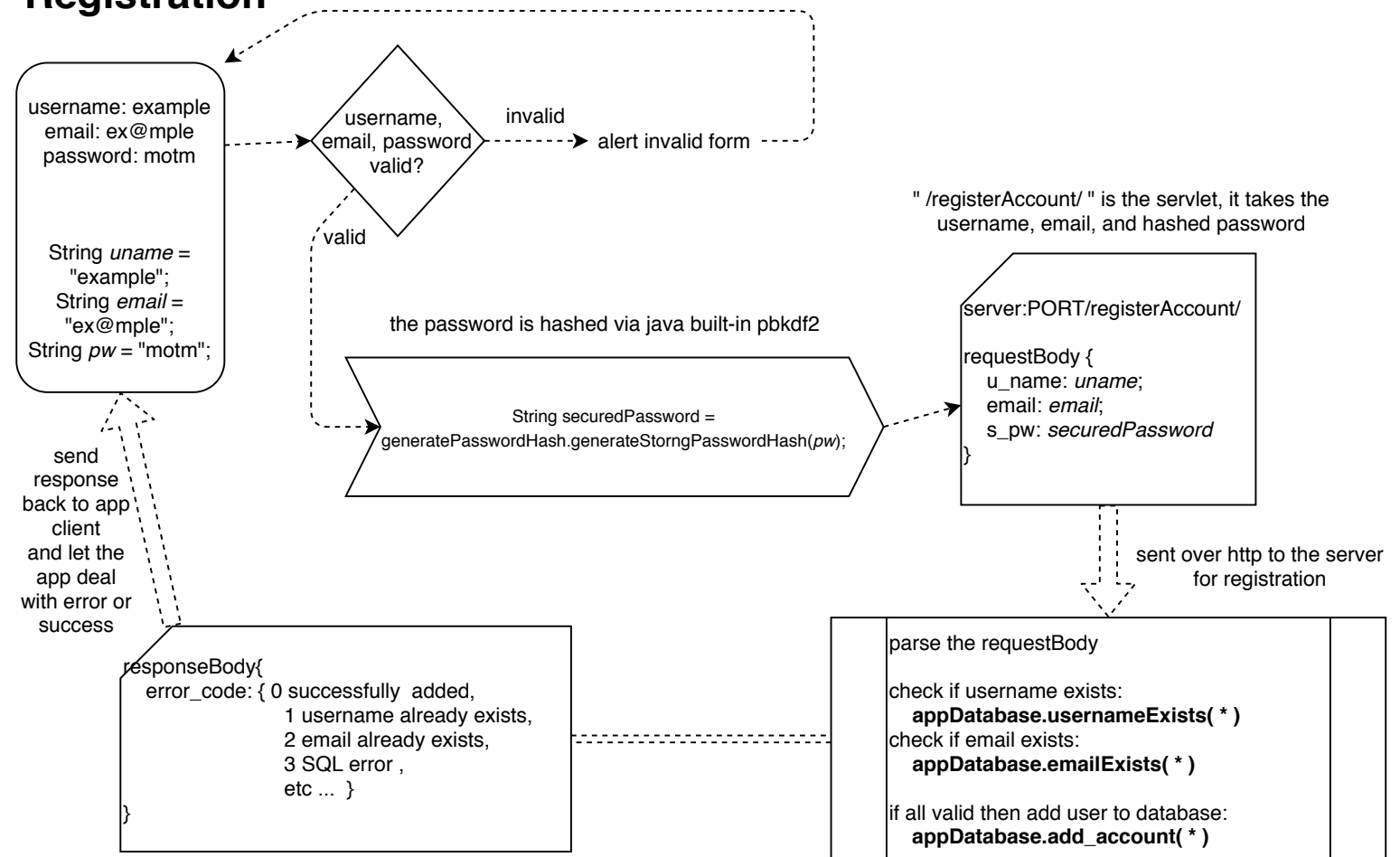


## Database (this is a work in progress)

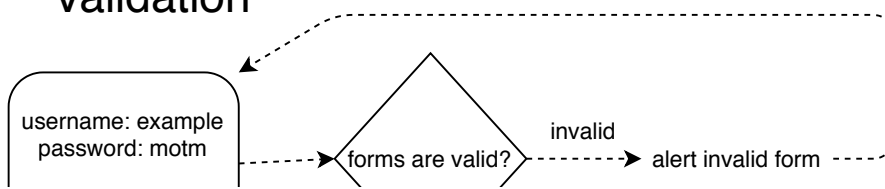




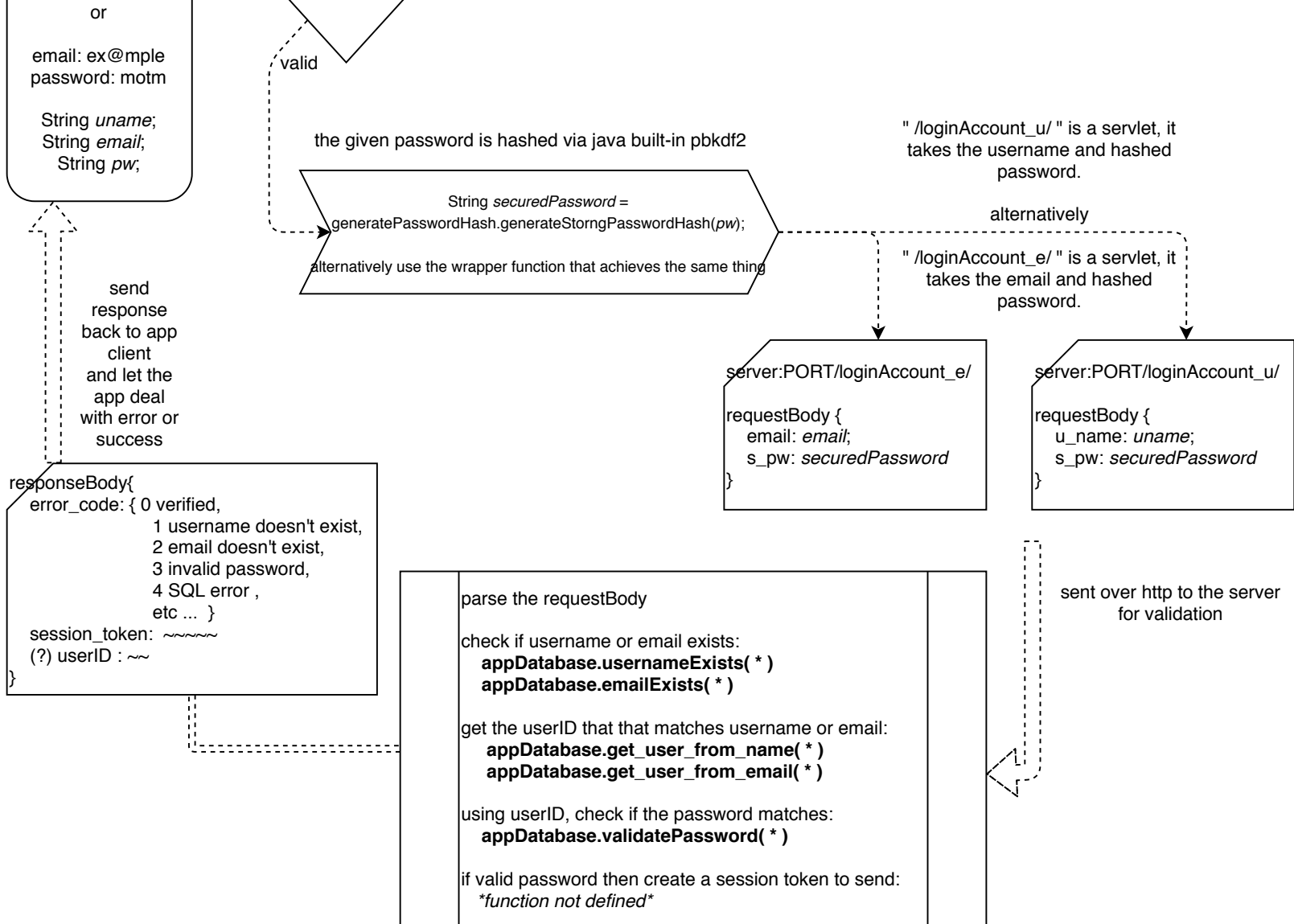
## Registration



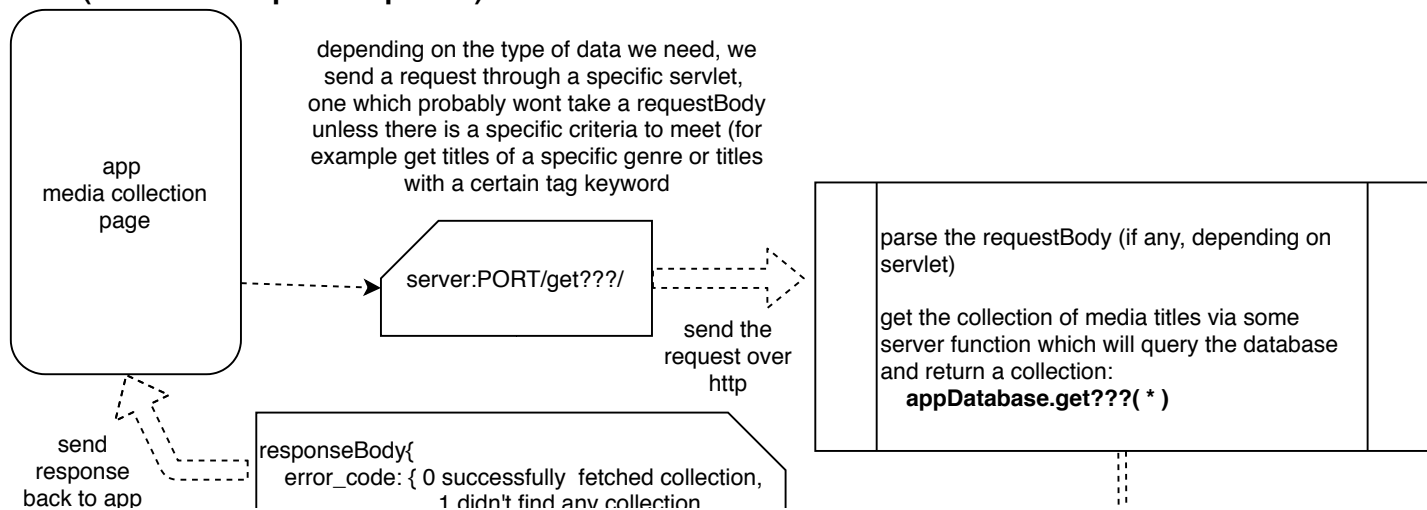
## Validation



`"/loginAccount_u/"` is a servlet, it takes the username and hashed password



## get collection of Media titles (for example top 10)

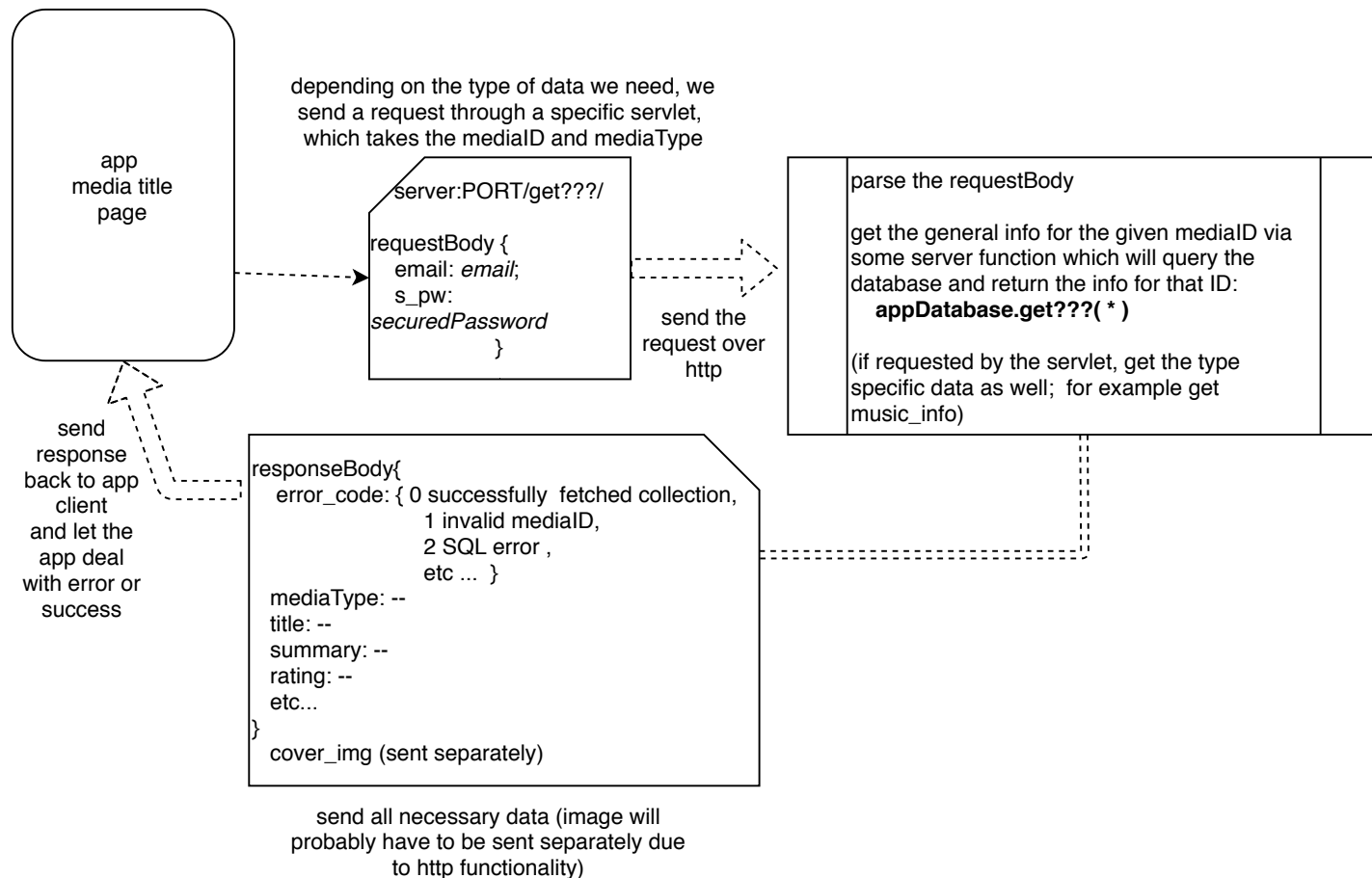


client  
and let the  
app deal  
with error or  
success

```
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)

