**Design Document**

1. Development tools and environment
   1. Development tools : Android Studio
   2. Environment:

AndroidVersion.api: 28 Android9.0

1. Overall Architecture
   1. MainACtivity



**Radio\_Group**: Control the conversion of ly\_contnet through this component

**Ly\_content:** We can switch between list, browse, user center three fragments

* 1. List\_fragment

**List\_fragment**:   
Jump to content\_fragment when clicked listitem



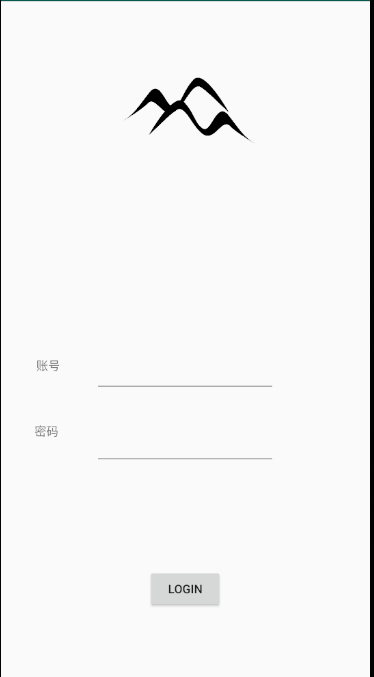
* 1. Browse\_fragment



With this videoview we can browse multi media.

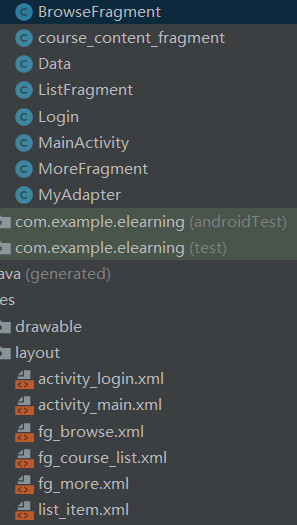
With this textedit we can serch

* 1. Login\_Activity



Click the login button will turn to mainactivity

1. Module Design



* 1. BrowseFragment

Through this fragment we can search the search the learing materials and display in the videoview.

* 1. Course\_content\_fragment

This fragment will display the detailed course introductions such as course info , syllabus, registration and calendar and so on.

* 1. Data

This class discribe the course data.

* 1. ListFragment

Course name list,and achieve the item click event

* 1. Login

Login interface

* 1. MainActivity

With radio group to control the fragment switch.

* 1. MoreFragment

More function.

* 1. MyAdapter

Let course list adapt the fragment.